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Monday
October 31, 1983

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Presidential Documents

Title 3—

The President

Proclamation 5122 of October 26, 1983

National Poison Prevention Week, 1984

By the President of the United States of America

A Proclamation

Childhood poisonings continue to pose a major public health problem in the United States. Each year, more than 100,000 children are treated in hospital emergency rooms because they accidentally ingested chemical household products.

For the past 23 years, the Poison Prevention Week Council has coordinated a network of organizations which seek to raise public awareness of the importance of preventing childhood poisonings. Working together as sponsors of National Poison Prevention Week are national medical, pharmacy, nursing, dental, and hospital associations; health and safety groups; organizations representing manufacturers, packagers, and distributors of consumer products, including medicines; the media; and government agencies. Most of these groups have State and local chapters and affiliates that, along with community organizations, are the backbone of what has become a successful nationwide poison prevention program.

In recent years, the number of poisonings among children has fallen dramatically for those substances that have been required to be packaged in child-resistant closures. However, despite these successes, many childhood poisonings continue to occur. Some adults purchase regulated products in conventional rather than child-resistant packaging or, alternatively, defeat the child-resistant packaging. In addition, adults who are using potentially poisonous products sometimes are distracted for a moment by a telephone call, a doorbell, or food cooking on the stove. These seemingly innocuous distractions can have disastrous consequences if a child ingests the poisonous product. The theme of National Poison Prevention Week is "Children Act Fast . . . So Do Poisons," and this theme emphasizes how important it is that adults never leave potential poisons unattended.

To assist in encouraging the American people to learn of the dangers of accidental poisoning and to take appropriate preventive measures, the Congress, by a joint resolution approved September 26, 1961 (75 Stat. 681), requested the President to issue annually a proclamation designating the third week in March as National Poison Prevention Week.

NOW, THEREFORE, I, RONALD REAGAN, President of the United States of America, do hereby designate the week beginning March 18, 1984, as National Poison Prevention Week.

IN WITNESS WHEREOF, I have hereunto set my hand this twenty-sixth day of October, in the year of our Lord nineteen hundred and eighty-three, and of the Independence of the United States of America the two hundred and eighth.

Ronald Reagan

[FR Doc. 83-29566
Filed 10-27-83; 11:24 am]
Billing code 3195-01-M

Presidential Documents

Executive Order 12447 of October 27, 1983

President's Private Sector Survey on Cost Control in the Federal Government

By the authority vested in me as President by the Constitution and laws of the United States of America, including the Federal Advisory Committee Act, as amended (5 U.S.C. App. I), and in order to extend the life of the President's Private Sector Survey on Cost Control in the Federal Government, it is hereby ordered that Section 4(b) of Executive Order No. 12369 of June 30, 1982, as amended, is further amended to read:

"The Committee shall terminate on December 31, 1983, unless sooner extended.".

Ronald Reagan

THE WHITE HOUSE,
October 27, 1983.

[FR Doc. 83-29686
Filed 10-28-83; 11:20 am]
Billing code 3195-01-M

Rules and Regulations

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DEPARTMENT OF AGRICULTURE

Animal and Plant Health Inspection Service

[Docket No. 82-342]

7 CFR Parts 301 and 318

Sugarcane Diseases; Domestic Quarantine Provisions

AGENCY: Animal and Plant Health Inspection Service, USDA.

ACTION: Final rule.

SUMMARY: This document amends the domestic quarantine notices by adding a new subpart in 7 CFR Part 301 to quarantine Hawaii and Puerto Rico because of leaf scald disease and to continue quarantining Puerto Rico because of gummosis disease, and to establish restrictions on the interstate movement of certain articles from Hawaii and Puerto Rico because of the occurrence of such sugarcane diseases. In addition, this document removes provisions in 7 CFR 318.16 and 318.16a concerning restrictions on the interstate movement of certain articles from Hawaii, Puerto Rico and the Virgin Islands of the United States because of gummosis disease. This action appears necessary to update regulations and prevent the artificial spread of these sugarcane diseases into noninfected areas of the United States.

EFFECTIVE DATE: October 31, 1983.

FOR FURTHER INFORMATION CONTACT: Thomas J. Lanier, Assistant Director, Regulatory Services Staff, Plant Protection and Quarantine, Animal and Plant Health Inspection Service, U.S. Department of Agriculture, Room 643, Federal Building, 6505 Belcrest Road, Hyattsville, MD 20782, (301) 436-8247.

SUPPLEMENTARY INFORMATION:

Executive Order 12291

This final rule is issued in conformance with Executive Order 12291, and has been determined to be not a "major rule." Based on information compiled by the Department, it has been determined that this action would not have a significant effect on the economy; would not cause a major increase in costs or prices for consumers, individual industries, Federal, State, or local government agencies, or geographic regions; and would not have a significant adverse effect on competition, employment, investment, productivity, innovation, or on the ability of United States-based enterprises to compete with foreign-based enterprises in domestic or export markets.

This document restricts the interstate movement from Hawaii and Puerto Rico of the following articles which are designated as regulated articles:

(a) Sugarcane plants, whole or in part, including true seed and bagasse, but not including pieces of cane boiled for a minimum of 30 minutes during processing into sugarcane chews;

(b) Used sugarcane processing equipment (sugarcane mill equipment, such as equipment used for extracting and refining sugarcane juice; and experimental devices, such as devices used for extracting juice);

(c) Used sugarcane field equipment (equipment used for sugarcane field production purposes, e.g. planters, tractors, discs, cultivators, and vehicles); and

(d) Any other product, article, or means of conveyance, of any character whatsoever, not covered by items (a), (b), or (c), when it is determined by an inspector that it presents a risk of spread of a sugarcane disease and the person in possession of it has actual notice that the product, article, or means of conveyance is subject to the restrictions of the regulations.

The final rule is established in lieu of restrictions that had been imposed on the interstate movement from Hawaii, Puerto Rico, and the Virgin Islands of the United States of canes of sugarcane, cuttings or parts thereof; sugarcane leaves; and bagasse.

It appears that there is little, if any, movement from Hawaii, Puerto Rico, and the Virgin Islands of the United States of the articles that are affected by this document. Further, it is not anticipated that this situation would change because of changes made by this document.

Alternatives were considered in connection with the final rule.

Consideration was given concerning whether (1) to allow the unrestricted interstate movement from Hawaii and Puerto Rico of articles designated as regulated articles, or (2) to establish a federal quarantine and regulations with respect to the interstate movement of such articles from Hawaii and Puerto Rico. Alternative (2) is adopted because it appears that without a federal quarantine and implementing regulations, the unrestricted interstate movement of such articles from Hawaii and Puerto Rico could cause the spread of gummosis disease and leaf scald disease, and thereby cause serious economic damage to sugarcane crops.

Consideration was given concerning whether (1) to list as regulated articles only those articles which were previously regulated or (2) to expand the list of regulated articles to include those articles specified as regulated articles in the final rule. Alternative (2) is adopted, because it appears that the provisions of alternative (2) are necessary to protect against the possible spread of gummosis disease and leaf scald disease.

Also, consideration was given concerning whether (1) to continue imposing restrictions on the interstate movement of articles from the Virgin Islands of the United States because of gummosis disease or (2) to remove such restrictions. Alternative 2 is adopted since it appears that gummosis disease does not occur in the Virgin Islands of the United States.

Further, it appears that there is no other feasible alternative to consider concerning the requirement that agencies choose the alternative that maximizes net benefits to society at the lowest net cost.

Effective date

The final rule is made effective on the date of publication. The final rule relieves restrictions which have been found to be unnecessary. Accordingly, prompt action should be taken to delete these restrictions. The final rule also imposes additional restrictions on the movement of articles from Hawaii and Puerto Rico. These additional restrictions are necessary to prevent the spread of gummosis disease and leaf

scald disease. Therefore, in order to prevent the spread of these diseases, good cause is found for making these additional restrictions effective less than 30 days after publication of this document in the **Federal Register**.

Background

In a document published in the **Federal Register** on February 8, 1980 (45 FR 8630–8637), the Animal and Plant Health Inspection Service proposed to add to 7 CFR Part 301 a new "Subpart—Sugarcane Diseases" to quarantine Florida and Hawaii because of sugarcane smut disease, to quarantine Hawaii and Puerto Rico because of leaf scald disease, and to continue quarantining Puerto Rico because of gummosis disease; and to establish regulations for the purpose of restricting the interstate movement of certain articles from Florida, Hawaii, and Puerto Rico because of the occurrence of such sugarcane diseases. In addition, the document of February 8, 1980, proposed to remove emergency regulations in 7 CFR 331.6 concerning restrictions on the interstate movement of certain articles from Florida because of sugarcane smut disease, to remove provisions in 7 CFR 318.16 and 318.16a concerning restrictions on the interstate movement of certain articles from Hawaii because of gummosis disease and West Indian sugarcane root borer, and to remove provisions in 7 CFR 318.16 concerning restrictions on the interstate movement of certain articles from Puerto Rico and the Virgin Islands of the United States because of gummosis disease. This document takes action with respect to the provisions of the proposal except for the provisions of the proposal relating to sugarcane smut disease and West Indian sugarcane root borer. Based on the reasons set forth in the proposal, the provisions in the proposal other than those relating to sugarcane smut and West Indian sugarcane root borer are adopted in the final rule except as otherwise explained below.

A separate document published in the **Federal Register** on November 12, 1982 (47 FR 51091–51092 and 51149) addressed the issues relating to sugarcane smut disease. Also, a companion document captioned "West Indian Sugarcane Root Borer" addresses the issues relating to the West Indian sugarcane root borer. The companion document (FR Doc. 83–26307) is published in the rules section in this issue of the **Federal Register**.

As stated in the proposal of February 8, 1980 (45 FR 8631), the provisions in 7 CFR 318.16 and 318.16a were implemented for the purpose of preventing the spread of gummosis disease and West Indian Sugarcane root borer. Changes made by this document and by the companion document captioned "West Indian sugarcane Root Borer" remove all of the provisions in 7 CFR 318.16 and 318.16a.

The document of February 8, 1980, provided that written comments were to be received on or before April 8, 1980. Also, in accordance with the notice given in the document of February 8, 1980, a public hearing concerning the proposal was held on March 11, 1980, in Orlando, Florida.

Four written comments were received in response to the proposal. In addition, three oral comments were made at the public hearing.

Several comments concerned aspects of the proposal relating to sugarcane smut disease. These comments are not discussed in this document since this document does not concern the portion of the proposal relating to sugarcane smut disease. Also, no comments were received specifically concerning the movement of articles from Hawaii because of the West Indian sugarcane root borer.

A written comment submitted by representatives of a Hawaiian sugar planters' association concerned heat treatments for certain regulated articles. Under the regulations certain seedpieces or canes of sugarcane and bagasse would be eligible to move interstate from Hawaii and Puerto Rico when accompanied by a certificate based on specified treatments involving the use of heat. The comment suggests that these articles should be allowed to move interstate for research purposes without requiring these treatments since treatments with heat could interfere with certain analysis procedures. No changes are made based on this comment. The provisions in § 301.87-5 set forth two methods for allowing the interstate movement of these articles from Hawaii and Puerto Rico without requiring heat treatments. It is provided that such articles may be moved interstate from Puerto Rico under a certificate without heat treatments if, among other things, an inspector determines, based on inspection of the article and the premises or origin, that it is free from gummosis disease and leaf scald disease. It is also provided that such articles may be moved interstate from Hawaii under a certificate without heat treatments if, among other things, an inspector determines, based on inspection of the article and the premises of origin, that it is free from leaf scald disease. Further, it is provided that such articles may be moved interstate from Hawaii and Puerto Rico under a limited permit without heat treatments if, among other things, an inspector determines, in consultation with the Deputy Administrator, that they are to be moved (1) for a specified purpose (such as for consumption or manufacturing) stated on the limited permit, other than for processing or harvesting sugarcane, and (2) to a specified destination stated on the limited permit, which is not in a county or parish where sugarcane is produced, and which is not within 10 miles of a sugarcane field. Accordingly, it appears that the rule contains adequate procedures which could be utilized to allow the interstate movement of seedpieces or canes of sugarcane and bagasse from Hawaii and Puerto Rico for research purposes without heat treatments.

It was asserted by a representative of an association of Florida sugarcane growers and harvesters and by representatives of a Hawaiian sugar planters' association that leaf scald disease has been found to occur in Florida and that action should be taken to prevent the spread of the leaf scald from infested areas in Florida. No changes are made based on this comment. Leaf scald disease has been found to occur in Florida only at a research facility at Canal Point, Florida. The research facility is operated by the U.S. Department of Agriculture. Strict measures are utilized to prevent the spread of the disease, and there does not appear to be a need for establishing a quarantine and regulations to prevent the spread of the disease from the research facility.

The representatives of the Hawaiian sugar planters' association also asserted that the proposed treatment for seedpieces (pieces of sugarcane, sets) or canes of sugarcane should be changed. The proposed treatment consisted of immersing these items in water at 52° C (126.5° F) for 45 minutes. It was asserted that this would not be sufficient to destroy leaf scald disease from infected sets. It was further asserted that more stringent treatment provisions should be established based on additional research. The Department agrees that more stringent treatment provisions should be established. Based on a further review of the literature [1] it has

[1] A list of this literature can be obtained from the Biological Assessment Support Staff, Plant Protection and Quarantine, Animal and Plant Health Inspection Service, USDA, Room 628 Federal Building, 6505 Belcrest Road, Hyattsville, MD 20782.

been determined that it is necessary to change the treatment provisions for seedpieces (pieces of sugarcane, sets) or canes of sugarcane to consist of presoaking the articles for 24 hours in water at room temperature and then immersing them in water at 50° C (122° F) for 3 hours. This treatment appears to be adequate to eliminate any significant risk of spread of leaf scald disease or gummosis disease. Accordingly, § 301.78-10 of the final rule reflects this change.

The representatives of the Hawaiian sugar planters' association also asserted that leaf scald disease is only seldom observed in the fields in Hawaii and poses only a minor threat to Hawaii's sugar industry. No changes are made based on these comments. The quarantine and regulations are designed to prevent the spread of leaf scald disease from Hawaii to other sugarcane growing areas in the United States. Based on departmental expertise it has been determined that it is necessary to take action to prevent the spread of leaf scald disease from Hawaii to other sugarcane growing areas in the United States because it appears that leaf scald could cause significant damage to sugarcane grown in other United States sugarcane growing areas.

The final rule also contains changes from the proposal to improve clarity and to reflect that the final rule concerns only those aspects of the proposal relating to gummosis disease and leaf scald disease.

List of Subjects

7 CFR Part 301

Agricultural commodities, Plant diseases, Plants (agriculture), Quarantine, Sugarcane, Gummosis disease, Leaf scald disease.

7 CFR Part 318

Agricultural commodities, Guam, Plant diseases, Plants (agriculture), Puerto Rico, Quarantine, Transportation, Virgin Islands, Sugarcane.

Accordingly, 7 CFR Chapter III is amended as follows:

PART 318—HAWAIIAN AND TERRITORIAL QUARANTINE NOTICES

§§ 318.16 and 318.16a (Subpart-Sugarcane) [Removed]

1. That portion of "Subpart—Sugarcane" (7 CFR 318.16, 318.16a) in 7 CFR Part 318 not relating to West Indian sugarcane root borer is removed. A companion document (FR Doc. 83-26307) published in the rules section of this edition of the **Federal Register** removes the portion of "Subpart-Sugarcane" which relates to the West Indian sugarcane root borer; accordingly, all of "Subpart-Sugarcane" is removed.

PART 301—DOMESTIC QUARANTINE NOTICES

2. A new "Subpart-Sugarcane Diseases" (7 CFR 301.87–301.87–10) is added to 7 CFR Part 301 to read as follows:

Subpart—Sugarcane Diseases

Quarantine and Regulations

Authority: Secs. 8 and 9, 37 Stat. 318, as amended; secs. 105 and 106, 71 Stat. 32, 33 (7 U.S.C. 161, 162, 150dd, 150ee); 7 CFR 2.17, 2.51, and 371.2.

Subpart—Sugarcane Diseases

Quarantine Regulations

§ 301.87 Quarantine; restrictions on interstate movement of specified articles.[1, 2]

(a) *Notice of quarantine.* Pursuant to sections 8 and 9 of the Plant Quarantine Act of August 20, 1912, as amended, and sections 105 and 106 of the Federal Plant Pest Act (7 U.S.C. 161, 162, 150dd, 150ee), the Secretary of Agriculture hereby quarantines Hawaii in order to prevent the artificial spread of leaf scald disease and quarantines Puerto Rico in order to prevent the artifical spread of gummosis disease and leaf scald disease; and hereby establishes regulations governing the interstate movement from Hawaii and Puerto Rico of regulated articles described in § 301.87–2 of this subpart.

[1] Any properly identified inspector is authorized to stop and inspect persons and means of conveyance, and to seize, quarantine, treat, apply other remedial measures to, destroy, or otherwise dispose of regulated articles as provided in section 10 of the Plant Quarantine Act (7 U.S.C. 164a) and section 105 of the Federal Plant Pest Act (7 U.S.C. 150dd).

[2] Regulations concerning the movement of gummosis bacteria and leaf scald bacteria in interstate or foreign commerce are contained in Part 330 of this chapter.

(b) *Quarantine restrictions on interstate movement of regulated articles.* No common carrier or other person shall move interstate from any regulated area any regulated article except in accordance with the conditions prescribed in this subpart.

§ 301.87–1 Definitions.

Terms used in the singular form in this subpart shall be construed as the plural and vice versa, as the case may demand. The following terms, when used in this subpart, shall be construed, respectively, to mean:

Certificate. A document which is issued for a regulated article by an inspector or by a person operating under a compliance agreement, and which represents that the article is eligible for interstate movement in accordance with § 301.87–5(a) of this subpart.

Compliance agreement. A written agreement between Plant Protection and Quarantine and a person engaged in the business of growing, handling, or moving regulated articles, in which the person agrees to comply with the provisions of this subpart and any conditions imposed pursuant to such provisions.

Deputy Administrator. The Deputy Administrator of the Animal and Plant Health Inspection Service, U.S. Department of Agriculture for Plant Protection and Quarantine, or any officer or employee of the Department to whom authority to act in his or her stead has been or may hereafter be delegated.

Gummosis disease. A dangerous plant disease of sugarcane which is caused by the highly infectious bacterium, *Xanthomonas vasculorum* (Cobb) Dowson, and which is not widely prevalent or distributed within and throughout the United States.

Inspector. Any employee of Plant Protection and Quarantine, Animal and Plant Health Inspection Service, U.S. Department of Agriculture, or other person, authorized by the Deputy Administrator in accordance with law to enforce the provisions of the quarantine and regulations in this subpart.

Interstate. From any State into or through any other State.

Leaf scald disease. A dangerous plant disease of sugarcane which is caused by the highly infectious bacterium, *Xanthomonas albilineans* (Ashby) Dowson, and which is not widely prevalent or distributed within and throughout the United States.

Limited permit. A document which is issued for a regulated article by an inspector or by a person operating under a compliance agreement, and which represents that the regulated article is eligible for interstate movement in

accordance with § 301.87-5(b) of this subpart.

Moved (movement, move). Shipped, offered for shipment to a common carrier, received for transportation or transported by a common carrier, or carried, transported, moved, or caused or allowed to be moved by any means. "Movement" and "move" shall be construed in accordance with this definition.

Person. Any individual, partnership, corporation, company, society, association, or other organized group.

Plant Protection and Quarantine. The organizational unit within the Animal and Plant Health Inspection Service, U.S. Department of Agriculture, delegated responsibility for enforcing provisions of the Plant Quarantine Act, the Federal Plant Pest Act, and related legislation, and quarantines and regulations promulgated under these laws.

Regulated area. Any quarantined State, or any portion thereof, listed as a regulated area in § 301.87-3(c) of this subpart, or otherwise designated as a regulated area in accordance with § 301.87-3(b) of this subpart.

Regulated article. Any article listed in § 301.87-2(a), (b), or (c) or otherwise designated as a regulated article in accordance with § 301.87-2(d).

State. Any State, Territory, or District of the United States, including the Commonwealth of Puerto Rico.

Sugarcane disease. This means leaf scald disease with respect to activities in Hawaii, and means gummosis disease or leaf scald disease with respect to activities in Puerto Rico.

§ 301.87-2 Regulated articles.

(a) Sugarcane plants, whole or in part, including true seed and bagasse, but not including pieces of cane boiled for a minimum of 30 minutes during processing into sugarcane chews;

(b) Used sugarcane processing equipment (sugarcane mill equipment, such as equipment used for extracting and refining sugarcane juice; and experimental devices, such as devices used for extracting sugarcane juice);

(c) Used sugarcane field equipment (equipment used for sugarcane field production purposes, e.g. planters, tractors, discs, cultivators, and vehicles);[2] and

(d) Any other product, article, or means of conveyance, of any character whatsoever, not covered by paragraph (a), (b), or (c), when it is determined by an inspector that it presents a risk of spread of a sugarcane disease and the person in possession of it has actual notice that the product, article, or means of conveyance is subject to the restrictions of this section.

§ 301.87-3 Regulated areas.

(a) Except as otherwise provided in paragraph (b) of this section, the Deputy Administrator shall list as a regulated area in paragraph (c) of this section, each quarantined State, or each portion thereof, in which a sugarcane disease has been found by an inspector or in which the Deputy Administrator has reason to believe that a sugarcane disease is present, or each portion of a quarantined State which the Deputy Administrator deems necessary to regulate because of its proximity to a sugarcane disease or its inseparability for quarantine enforcement purposes from localities in which a sugarcane diseas occurs. Less than an entire quarantined State will be designated as a regulated area only if the Deputy Administrator is of the opinion that:

(1) The State has adopted and is enforcing a quarantine or regulation which imposes restrictions on the intrastate movement of the regulated articles which are substantially the same as those which are imposed with respect to the interstate movement of such articles under this subpart; and

(2) The designation of less than the entire State as a regulated area will otherwise be adequate to prevent the artificial interstate spread of a sugarcane disease.

(b) The Deputy Administrator or an inspector may temporarily designate any nonregulated area in a quarantined State as a regulated area in accordance with the criteria specified in paragraph (a) of this section for listing such an area. Written notice of the designation shall be given to the owner or person in possession of the nonregulated area and, thereafter, the interstate movement of any regulated article from the area shall be subject to the applicable provisions of this subpart. As soon as practicable, the area shall be added to the list in paragraph (c) of this section or the designation shall be terminated by the Deputy Administrator or an inspector, and notice thereof shall be given to the owner or person in possession of the area.

(c) The areas described below are designated as regulated areas:

Hawaii

All of Hawaii.

Puerto Rico.

All of Puerto Rico.

§ 301.87-4 Conditions governing the interstate movement of regulated articles from regulated areas in quarantined States.[3]

Any regulated article may be moved interstate from any regulated area in a quarantined State if moved under the following conditions:

(a) With a certificate or limited permit issued and attached in accordance with §§ 301.87-5 and 301.87-8 of this subpart, or

(b) Without a certificate or limited permit, if

(1) Moved directly through any regulated area, and

(2) The article originated outside of any regulated area, and

(3) the point of origin of the article is clearly indicated by shipping documents, its identity has been maintained, and it has not been used for the production of sugarcane while in the regulated area.

§ 301.87-5 Issuance and cancellation of certificates and limited permits.

(a) A certificate shall be issued by an inspector for the movement of a regulated article if the inspector:

(1)(i) Determines that it has been treated under the direction of an inspector[4] in accordance with § 301.87-10 of this subpart, or

(ii) Determines based on inspection of the article and the premises of origin that it is free from sugarcane diseases;[5]

(2) Determines that it is to be moved in compliance with any additional emergency conditions necessary to prevent the spread of sugarcane diseases pursuant to § 105 of the Federal Plant Pest Act (7 U.S.C. 150dd);[6] and

(3) Determines that it is eligible for unrestricted movement under all other Federal domestic plant quarantines applicable to the article.

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[2] Requirements under all other applicable Federal domestic plant quarantines must also be met.

[3] Treatments shall be monitored by inspectors in order to assure compliance with requirements in this subpart.

[4] The term sugarcane diseases means leaf scald disease with respect to movement of regulated articles from Hawaii and means gummosis disease and leaf scald disease with respect to movements of regulated articles from Puerto Rico.

[5] Section 105 of the Federal Plant Pest Act (7 U.S.C. 150dd) provides, among other things, that the Secretary of Agriculture may, whenever he deems it necessary as an emergency measure in order to prevent the dissemination of any plant pest new to or not theretofore known to be widely prevalent or distributed within and throughout the United States, seize, quarantine, treat, apply other remedial measures to, destroy, or otherwise dispose of, in such manner as he deems appropriate, any product or article of any character whatsoever, or means of conveyance, which is moving into or through the United States or interstate, and which he has reason to believe is infested or infected by or contains any such plant pest.

(b) A limited permit shall be issued by an inspector for the movement of a regulated article if the inspector:

(1) Determines, in consultation with the Deputy Administrator, that it is to be moved—

(i) For a specified purpose (such as for consumption or manufacturing) stated on the limited permit, other than for processing or harvesting sugarcane; and

(ii) To a specified destination stated on the limited permit, which is not in a county or parish where sugarcane is produced, and which is not within 10 miles of a sugarcane field;

(2) Determines that it is to be moved in compliance with any additional emergency conditions necessary to prevent the spread of sugarcane diseases pursuant to § 105 of the Federal Plant Pest Act (7 U.S.C. 150dd);[6] and

(3) Determines that it is eligible for such movement under all other Federal domestic plant quarantines applicable to the article.

(c) Certificates and limited permits for shipments of regulated articles may be issued by an inspector or by any person engaged in the business of growing, handling, or moving regulated articles provided such person is operating under a compliance agreement. Any such person may execute and issue a certificate for the interstate movement of a regulated article if the person has treated the regulated article to destroy infection in accordance with the provisions of § 301.87-10 of this subpart and the inspector has made the determination that the article is otherwise eligible for a certificate in accordance with paragraph (a) of this section; or if the inspector has made the determination that the article is eligible for a certificate in accordance with paragraph (a) of this section without such treatment. Any such person may execute and issue a limited permit for interstate movement of a regulated article when the inspector has made the determination that the article is eligible for a limited permit in accordance with paragraph (b) of this section.

(d) Any certificate or limited permit which has been issued or authorized may be withdrawn by an inspector if the inspector determines that its holder has not complied with any condition under the regulations for its use. The reasons for the withdrawal shall be confirmed in writing as promptly as circumstances allow. Any person whose certificate or limited permit has been withdrawn may appeal the decision in writing to the Deputy Administrator within ten days after receiving the written notification of the withdrawal. The appeal shall state all of the facts and reasons upon which the person relies to show that the certificate or limited permit was wrongfully withdrawn. The Deputy Administrator shall grant or deny the appeal in writing, stating the reasons for the decision as promptly as circumstances allow. If there is a conflict as to any material fact, a hearing shall be held to resolve the conflict under rules of practice which shall be adopted by the Administrator of the Animal and Plant Health Inspection Service, USDA, for the proceeding.

§ 301.87-6 Compliance agreement; cancellation.

(a) Any person engaged in the business of growing, handling, or moving regulated articles may enter into a compliance agreement to facilitate the movement of regulated articles under this subpart.[7] The compliance agreement shall be a written agreement between a person engaged in such a business and Plant Protection and Quarantine, in which the person agrees to comply with the provisions of this subpart and any conditions imposed pursuant to such provisions.

(b) Any compliance agreement may be canceled orally or in writing by the inspector who is supervising its enforcement whenever the inspector finds that such person has failed to comply with the provisions of this subpart or any conditions imposed pursuant to such provisions. If the cancellation is oral, the decision and the reasons for the cancellation shall be confirmed in writing as promptly as circumstances allow. Any person whose compliance agreement has been canceled may appeal the decision, in writing, to the Deputy Administrator within ten days after receiving written notification of the cancellation. The appeal shall state all of the facts and reasons upon which the person relies to show that the compliance agreement was wrongfully cancelled. The Deputy Administrator shall grant or deny the appeal, in writing, stating the reasons for the decision, as promptly as circumstances allow. If there is a conflict as to any material fact, a hearing shall be held to resolve the conflict under rules of practice which shall be adopted by the Administrator of the Animal and Plant Health Inspection Service, USDA, for the proceeding.

§ 301.87-7 Assembly and inspection of regulated articles.

(a) Any person (other than a person authorized to issue certificates or limited permits under § 301.87-5(c) of this subpart) who desires to move interstate a regulated article accompanied by a certificate or limited permit shall, as far in advance as possible (should be no less than 48 hours before the desired movement), request an inspector[8] to take any necessary action under this subpart prior to movement of the regulated article.

(b) The regulated article shall be assembled at whatever point and in whatever manner the inspector designates as necessary to comply with the requirements of this subpart.

§ 301.87-8 Attachment and disposition of certificates and limited permits.

(a) A certificate or limited permit required for the interstate movement of a regulated article, at all times during such movement, shall be securely attached to the outside of the container containing the regulated article, securely attached to the article itself if not in a container, or securely attached to the consignee's copy of the accompanying waybill or other shipping document; provided however, that the requirements of this section may be met by attaching the certificate or limited permit to the consignee's copy of the waybill or other shipping document only if the regulated article is sufficiently described on the certificate, limited permit, or shipping document to identify the article.

(b) The certificate or limited permit for the movement of a regulated article shall be furnished by the carrier to the consignee at the destination of the shipment.

§ 301.87-9 Costs and Charges.

The services of the inspector shall be furnished without cost. The U.S. Department of Agriculture will not be responsible for any costs or charges incident to inspections or compliance with the provisions of the quarantine and regulations in this subpart, other than for the services of the inspector.

§ 301.87-10 Treatments.

Treatment for regulated articles shall be as follows:

(a) Seedpieces (pieces of sugarcane, sets) or canes of sugarcane: Presoak for

[7] Compliance Agreement forms are available without charge from the Deputy Administrator, Plant Protection and Quarantine, Animal and Plant Health Inspection Service, Federal Building, Hyattsville, MD 20782, and from local offices of Plant Protection and Quarantine. (Local offices are listed in telephone directories.)

[8] Inspectors are assigned to local offices of Plant Protection and Quarantine, which are listed in telephone directories. Information concerning local offices may also be obtained from the Deputy Administrator, Plant Protection and Quarantine, Animal and Plant Health Inspection Service, Federal Building, Hyattsville, MD 20782.

24 hours in water at room temperature and then immerse in water at 50° C (122° F) for 3 hours.

Note.—Some seedpieces or canes of sugarcane which have germinated may be damaged by this procedure.

(b) True seed (fuzz): Immerse in 0.525 percent sodium hypochlorite solution for 30 minutes (solution shall contain 1 part of solution containing 5.25 percent sodium hypochlorite with 9 parts water by volume). Air dry at least 8 hours before packaging.

(c) Bagasse: Subject to dry heat at 70° C (158° F) for 2 hours.

(d) Sugarcane harvesting and processing equipment: Remove all debris and soil from the equipment with water at high pressure (at least 300 pounds per square inch) or with steam.

Authority

Sections 8 and 9, 37 Stat. 318, as amended; sections 105 and 106, 71 Stat. 32, 33 (7 U.S.C. 161, 162, 150dd, 150ee); 7 CFR sections 2.17, 2.51, and 371.2.

Done at Washington, D.C. this 22nd day of September 1983.

William F. Helms,

Acting Deputy Administrator, Plant Protection and Quarantine, Animal and Plant Health Inspection Service.

[FR Doc. 83-26309 Filed 10-28-83; 8:45 am]

BILLING CODE 3410-34-M

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7 CFR Parts 318 and 331

[Docket No. 82-341]

West Indian Sugarcane Root Borer

AGENCY: Animal and Plant Health Inspection Service, USDA.

ACTION: Interim rule.

SUMMARY: This document removes provisions in 7 CFR 318.16 and 318.16a concerning restrictions on the interstate movement of certain articles from Hawaii, Puerto Rico, and the Virgin Islands of the United States because of the West Indian sugarcane root borer (root borer); and removes emergency regulations in 7 CFR 331.7 concerning restrictions on the interstate movement of certain articles from Puerto Rico and the Virgin Islands of the United States because of the root borer. These provisions in 7 CFR 318.16, 318.16a, and 331.7 were designed to restrict the interstate movement of articles from Hawaii, Puerto Rico, and the Virgin Islands of the United States to prevent the spread of the root borer. However, there is no longer a basis for imposing such restrictions, and, accordingly, they are removed. A companion document withdraws a proposal to establish a quarantine and regulations to restrict the interstate movement of certain articles from proposed regulated areas in Florida, and from any in Puerto Rico and the Virgin Islands of the United States because of the root borer. The companion document (FR Doc. 83-26308) captioned "West Indian Sugarcane Root Borer" is contained in the proposed rule section of this issue of the **Federal Register**.

DATES: The effective date of the interim rule is October 31, 1983. Written comments must be received on or before December 30, 1983.

ADDRESS: Written comments should be submitted to Thomas O. Gessel, Director, Regulatory Coordination Staff, Animal and Plant Health Inspection Service, U.S. Department of Agriculture, Room 728 Federal Building, 6505 Belcrest Road, Hyattsville, MD 20782. Written comments received may be inspected at Room 728 of the Federal Building between 8 a.m. and 4:30 p.m., Monday through Friday, except holidays.

FOR FURTHER INFORMATION CONTACT: Thomas J. Lanier, Assistant Director Regulatory Services Staff, Plant Protection and Quarantine, Animal and Plant Health Inspection Service, U.S. Department of Agriculture, Room 643 Federal Building, 6505 Belcrest Road, Hyattsville, MD 20782, 301-436-8247.

SUPPLEMENTARY INFORMATION:

Executive Order 12291

The interim rule is issued in conformance with Executive Order 12291 and Secretary's Memorandum No. 1512-1, and has been determined to be not a "major rule." Based on information compiled by the Department, it has been determined that this interim rule will not have a significant effect in the economy; will not cause a major increase in costs or prices for consumers, individual industries, Federal, State, or local government agencies, or geographic regions; and will not have a significant adverse effect on competition, employment, investment, productivity, innovation, or on the ability of United States-based enterprises to compete with foreign-based enterprises in domestic or export markets.

For this rulemaking action, the Office of Management and Budget has waived the review process required by Executive Order 12291. Also, the Assistant Secretary for Marketing and Inspection Services has waived the requirements of Secretary's Memorandum 1512-1.

Regulatory Flexibility Act

Mr. Bert W. Hawkins, Administrator of the Animal and Plant Health Inspection Service, has determined that this action will not have a significant economic impact on a substantial number of small entities.

This document deletes restrictions on the interstate movement from Hawaii of sugarcane, or cuttings or parts thereof; sugarcane leaves, and bagasse. Based on Departmental expertise, it appears that there is little, if any, interstate movement from Hawaii of these articles. Further, it is not anticipated that this situation would change because of changes made by this document.

This document also deletes restrictions on the interstate movement from Puerto Rico and the Virgin Islands of the United States of the following articles:

(1) All trees, plants, and shrubs, and parts or products thereof, for or capable of propagation, except seeds (this includes canes of sugarcane, or cuttings or parts thereof; sugarcane leaves; and bagasse); and

(2) Cut flowers.

The interstate movement of these articles from Puerto Rico and the Virgin Islands of the United States represents an insignificant portion of any of these articles which are moved interstate within the United States. It is not anticipated that this situation would change because of the removal of the restrictions.

Emergency Action

Harvey L. Ford, Deputy Administrator of the Animal and Plant Health Inspection Service for Plant Protection and Quarantine, has determined that an emergency situation exists which warrants publication of this document without opportunity for a public comment period because otherwise there would be unnecessary restrictions imposed on the interstate movement of certain articles. This situation requires immediate action to delete such unnecessary restrictions.

Therefore, pursuant to the administrative procedure provisions in 5 U.S.C. 553, it is found upon good cause that notice and other public procedure with respect to this final rule are impracticable and contrary to the public interest and good cause is found for making this action effective less than 30 days after publication of this document in the **Federal Register.** Comments have been solicited for 60 days after publication of this document, and a final document discussing comments received and any changes required will be published in the **Federal Register** as soon as possible.

Background

On February 8, 1980, the Animal and Plant Health Inspection Service (APHIS) published a document in the **Federal Register** (45 FR 8654–8662) which proposed to establish a quarantine and regulations to restrict the interstate movement of certain articles from proposed regulated areas in Florida, and from any area in Puerto Rico and the Virgin Islands of the United States because of the West Indian sugarcane root borer (root borer). The document of February 8, 1980, also proposed to remove the provisions in 7 CFR 318.16 and 318.16a concerning restrictions on the interstate movement of certain articles from Hawaii, Puerto Rico and the Virgin Islands of the United States because of the root borer. In addition, the document of February 8, 1980, proposed to remove emergency regulations in 7 CFR 331.7 concerning restrictions on the interstate movement of certain articles from Puerto Rico and the Virgin Islands of the United States because of the root borer.

The document of February 8, 1980, provided that written comments were to be received on or before April 8, 1980. Also, in accordance with that document a public hearing was held on March 12, 1980, in Orlando, Florida.

On August 8, 1980, a document was published in the **Federal Register** (45 FR 52816–52817) changing the proposal of February 8, 1980, by changing the list of proposed regulated areas in Florida. Also, the document of August 8, 1980, reopened the comment period until October 7, 1980, and gave notice of an additional public hearing. Pursuant to this notice the additional public hearing was held in Rio Piedras, Puerto Rico, on September 16, 1980.

Eight written comments were received in response to the documents of February 8 and August 8, 1980. Also, ten persons made comments at the public hearings. Three persons who made oral comments also submitted additional written comments.

Seven of the comments were expressly in favor of the proposal to establish a quarantine and regulations with respect to Florida, Puerto Rico, and the Virgin Islands of the United States. Two of these seven comments and all of the remaining comments suggested that changes or clarifications should be made with respect to the proposed provisions.

This document removes the provisions in 7 CFR 318.16 and 318.16a concerning restrictions on the interstate movement of certain articles from Hawaii, Puerto Rico, and the Virgin Islands of the United States because of the root borer. This document also removes the emergency regulations in 7 CFR 331.7 concerning restrictions on the interstate movement of certain articles from Puerto Rico and the Virgin Islands of the United States because of the root borer.

In addition, the proposal to establish a quarantine and regulations to restrict the interstate movement of certain articles from proposed regulated areas in Florida and from Puerto Rico and the Virgin Islands of the United States because of the root borer is not adopted. These proposed provisions are withdrawn by a companion document (FR Doc. 83–26308) captioned "West Indian Sugarcane Root Borer" which is published in the proposed rule section of this issue of the **Federal Register.**

As a result of these actions, there are no longer in effect any federal regulations concerning the root borer.

Because of the root borer, consideration was given concerning the establishment of a quarantine and regulations to restrict the interstate movement from Florida, Puerto Rico and the Virgin Islands of the United States of (1) the articles listed in the proposal; (2) the articles that have been subject to restrictions under provisions of 7 CFR 318.16, 318.16a, and 331.7; and (3) soil. In addition to soil, this group of articles consists of:

(1) All trees, plants, and shrubs, and parts or products thereof, for or capable of propagation, except seeds (this includes canes of sugarcane, or cuttings or parts thereof; sugarcane leaves; and bagasse); and

(2) Cut flowers.

Soil was considered because one commenter suggested that soil should be added to the proposed list of regulated articles.

There is no longer an adequate basis for establishing a quarantine and regulations to restrict the movement of any of the listed articles from Florida, Puerto Rico or the Virgin Islands of the United States because of the root borer. Currently no federal funds are available for root borer regulatory activities relating to any of these areas. Accordingly, it does not appear that a quarantine and regulations relating to Florida would be effective since the Department would not be able to conduct those activities necessary to update such a quarantine and regulations, and would not be able to take the necessary action to enforce such a quarantine and regulations.

In addition, it should be noted that Florida is enforcing State regulations which, among other things, regulate the movement of the listed articles. These State regulations appear to be effective for preventing the spread of the root borer from infested areas in Florida. Also, it has been determined from recent pest interception records that the interstate movement of the listed articles from Puerto Rico and the Virgin Islands of the United States does not present a significant risk of carrying the root borer. And, with respect to soil, it should be noted that the interstate movement of soil from Puerto Rico and the Virgin Islands of the United States is already prohibited except under very limited circumstances (see the imported fire ant quarantine and regulations contained in 7 CFR 301.81 *et seq* and the "Movement of Soil, Stone, and Quarry Products" regulations contained in 7 CFR 330.300 *et seq.).*

In addition, it should be noted that the withdrawal of the proposal and the removal of the provisions concerning the root borer in 7 CFR 318.16, 318.16a, and 331.7 does not mean that the Department will not take action should root borer be found on articles intended for movement into areas in the continental United States from other areas of the United States, including Puerto Rico and the Virgin Islands of the United States. If any root borers are found during any inspections, pursuant to sections 105 and 107 of the Federal Plant Pest Act (7 U.S.C. 150dd, 150ff), the Department would take emergency action at the time of inspection to prevent the spread of the root borer.

Hawaii

The proposal to remove the provisions in 7 CFR 318.16 and 318.16a which imposed restrictions on the interstate movement of articles from Hawaii because of the root borer is adopted. No comments were submitted concerning Hawaii. Based on surveys conducted by the U.S. Department of Agriculture, it was determined that the root borer does not occur in Hawaii. Accordingly, it was proposed to remove such provisions in 7 CFR 318.16 and 318.16a. There is no evidence to establish that the root borer occurs in Hawaii. Therefore, it appears that there is still a basis for removing such provisions in 7 CFR 318.16 and 318.16a.

List of Subjects

7 CFR Part 318

Agricultural Commodities, Guam, Plant Pests, Plants (Agriculture), Puerto Rico, Quarantine, Transportation, Virgin Islands, Soil, Sugarcane.

7 CFR Part 331

Agricultural Commodities, Plant Pests, Plants (Agriculture), Quarantine, Transportation, West Indian Sugarcane Root Borer.

Accordingly, 7 CFR Parts 318 and 331 are amended as follows:

PART 318—HAWAIIAN AND TERRITORIAL QUARANTINE NOTICES

1. That portion of "Subpart Sugarcane" (7 CFR 318.16 and 318.16a) relating to the West Indian sugarcane root borer is removed. A companion document (FR Doc. 83-26309) captioned "Sugarcane Diseases" and published in the rules section of this edition of the **Federal Register** removes the portion of "Subpart Sugarcane" which does not relate to the West Indian sugarcane root borer; accordingly, all of "Subpart-Sugarcane" is removed.

PART 331—PLANT PEST REGULATIONS GOVERNING INTERSTATE MOVEMENT OF CERTAIN PRODUCTS AND ARTICLES

2. "Subpart—West Indian Sugarcane Root Borer" (7 CFR 331.7) is removed.

Authority

Secs. 8 and 9, 37 Stat. 318, as amended; secs. 105 and 106, 71 Stat. 32, 33 (7 U.S.C. 161, 162, 150dd, 150ee); 7 CFR 2.17, 2.51, and 371.2.

Done at Washington, D.C. this 22nd day of September 1983.

William F. Helms,

Acting Deputy Administrator, Plant Protection and Quarantine, Animal and Plant Health Inspection Service.

[FR Doc. 83-28307 Filed 10-28-83; 8:45 am]

BILLING CODE 3410-34

Agricultural Marketing Service

7 CFR Part 908

[Valencia Orange Reg. 322, Amdt. 1]

Valencia Oranges Grown in Arizona and Designated Part of California; Limitation of Handling

AGENCY: Agricultural Marketing Service, USDA.

ACTION: Amendment to final rule.

SUMMARY: This regulation increases the quantity of fresh California-Arizona Valencia oranges that may be shipped to market during the period October 21–October 27, 1983. Such action is needed to provide for orderly marketing of fresh Valencia oranges for this period due to the marketing situation confronting the orange industry.

EFFECTIVE DATE: Effective for the period October 21–27, 1983.

FOR FURTHER INFORMATION CONTACT: William J. Doyle, 202-447-5975.

SUPPLEMENTARY INFORMATION: *Findings.* This rule has been reviewed under USDA procedures and Executive Order 12291 and has been designated a "non-major" rule. William T. Manley, Deputy Administrator, Agricultural Marketing Service, has certified that this action will not have a significant economic impact on a substantial number of small entities. This action is designed to promote orderly marketing of the California-Arizona Valencia orange crop for the benefit of producers and will not substantially affect costs for the directly regulated handlers.

This regulation is issued under the marketing agreement, as amended, and Order No. 908, as amended (7 CFR Part 908), regulating the handling of Valencia oranges grown in Arizona and designated part of California. The agreement and order are effective under the Agricultural Marketing Agreement Act of 1937, as amended (7 U.S.C. 601–674). The action is based upon the recommendation and information submitted by the Valencia Orange Administrative Committee and upon other available information. It is hereby found that this action will tend to effectuate the declared policy of the Act.

This action is consistent with the marketing policy for 1982–83. The marketing policy was recommended by the committee following discussion at a public meeting on February 22, 1983. The committee met again publicly on October 25, 1983 at Los Angeles, California, to consider the current and prospective conditions of supply and demand and recommended a quantity of Valencia oranges deemed advisable to be handled during the specified week. The committee reports the demand for Valencia oranges is fair.

It is further found that it is impracticable and contrary to the public interest to give preliminary notice, engage in public rulemaking, and postpone the effective date until 30 days after publication in the **Federal Register** (5 U.S.C. 553), because of insufficient time between the date when information became available upon this regulation is based and the effective date necessary to effectuate the declared policy of the Act. Interested persons were given an opportunity to submit information and views on the regulation at an open meeting. It is necessary to effectuate the declared policy of the Act to make this regulatory provision effective as specified, and handlers have been apprised of such provisions and the effective time.

List of Subjects in 7 CFR Part 908

Marketing agreements, California, Arizona, Oranges.

1. § 908.622 Valencia Orange Regulation 322 (48 FR 48643) is revised to read as follows:

Section 908.622 Valencia Orange Regulation 322.

The quantities of Valencia oranges grown in California and Arizona which may be handled during the period October 21, 1983 through October 27, 1983, are established as follows:

(a) District 1: Unlimited cartons;

(b) District 2: Unlimited cartons;

(c) District 3: Unlimited cartons.

(Secs. 1–19, 48 Stat. 31, as amended; 7 U.S.C. 601–674)

Dated: October 28, 1983.

Charles R. Brader,

Director, Fruit and Vegetable Division, Agricultural Marketing Service.

[FR Doc. 83-29484 Filed 10-28-83; 8:45 am]

BILLING CODE 3410-02-M

Animal and Plant Health Inspection Service

[Docket No. 83-091]

9 CFR Part 92

Ports Designated for the Importation of Animals

AGENCY: Animal and Plant Health Inspection Service, USDA.

ACTION: Affirmation of interim rule.

SUMMARY: This document affirms the interim rule which designated International Falls, Minnesota, as a port for the importation of horses from Canada. The rule is necessary in order to eliminate unnecessary administrative activities, and to reflect the fact that a veterinarian is now available on a regular basis at International Falls, for port activities with respect to horses.

EFFECTIVE DATE: October 31, 1983.

FOR FURTHER INFORMATION CONTACT: Dr. M. R. Crane, Import/Export Animals and Products Staff, VS, APHIS, USDA, Room 840, Federal Building, 6505 Belcrest Road, Hyattsville, MD 20782, 301-436-8170.

SUPPLEMENTARY INFORMATION:

Background

A document was published in the **Federal Register** on May 3, 1983 (48 FR 19867–19868) which set forth an interim rule amending § 92.3(b) of the regulations in 9 CFR Part 92 by adding International Falls, Minnesota, as a port for the importation of horses from Canada. The interim rule was made effective on the date it was published.

Comments were solicited on or before June 27, 1983; however, no comments were received. The factual situation set forth in the document of May 3, 1983, still provides a basis for the amendment. Accordingly, it has been determined that the amendment should remain effective as published in the **Federal Register** on May 3, 1983.

Executive Order 12291 and Regulatory Flexibility Act

This action has been reviewed in conformance with Executive Order 12291 and Secretary's Memorandum 1512-1, and has been determined to be not a "major rule." The Department has determined that this action will have an annual effect on the economy of less than $2,000; will not cause a major increase in costs or prices for consumers, individual industries, Federal, State or local government agencies, or geographic regions; and will not have any adverse effects on competition, employment, investment, productivity, innovation, or the ability of United States-based enterprises to compete with foreign-based enterprises in domestic or export markets.

For this rulemaking action, the Office of Management and Budget has waived their review process required by Executive Order 12291 and the Department of Agriculture has waived the requirements of Secretary's Memorandum 1512-1.

This action affirms an interim rule which designated International Falls, Minnesota, as a port for the importation of horses from Canada. It is anticipated that only approximately 50 importations of horses annually will be offered for entry into the United States from Canada through International Falls, Minnesota, as compared with more than 20,500 horses imported into the United States at all other Canadian ports. In addition, this action will be beneficial to importers by relieving them of unnecessary travel time and expenses.

Under the circumstances explained above, Bert W. Hawkins, Administrator of the Animal and Plant Health Inspection Service, has determined that this action will not have a significant economic impact on a substantial number of small entities.

List of Subjects in 9 CFR Part 92

Animal diseases, Canada, Imports, Livestock and livestock products, Transportation.

(Sec. 2, 32 Stat. 792, as amended; secs. 2, 4, 11, 76 Stat. 129, 130, 132; 21 U.S.C. 111, 8[illegible]4c, and 134f; 7 CFR 2.17, 2.51, and 371.2(d))

Done at Washington, D.C., this 24th day of October, 1983.

K. R. Hook,

Acting Deputy Administrator, Veterinary Services.

[FR Doc. 83-29486 Filed 10-28-83; 8:45 am]

BILLING CODE 3410-34-M

DEPOSITORY INSTITUTIONS DEREGULATION COMMITTEE

12 CFR Part 1204

[Docket No. 0033]

Minimum Deposit Requirements

AGENCY: Depository Institutions Deregulation Committee.

ACTION: Final rule.

SUMMARY: Effective December 1, 1983, the Depository Institutions Deregulation Committee ("Committee") has eliminated all minimum deposit requirements for Money Market Deposit Accounts ("MMDA"), Super-NOW accounts, and seven- to 31-day time deposits held pursuant to Individual Retirement Account* (IRA) and Keogh Plan agreements. This action affects only such accounts issued, renewed or extended on or after that date. The Committee's action was taken to increase the flexibility of depository institutions to design deposit accounts for use by IRAs and Keogh plans and thereby expand IRA and Keogh investment opportunities.

In addition, the Committee established scheduled reductions to the current $2,500 minimum denomination requirement on the short-term ceilingless accounts (the "Super-NOWs", MMDAs, and ceilingless seven- to 31-day time deposits) for all other depositors. The minimum denomination requirement will be reduced to $1,000 effective January 1, 1985, and will be removed effective January 1, 1986. This action will result in the effective elimination of all interest rate ceilings applicable to deposit accounts at depository institutions.

EFFECTIVE DATE: December 1, 1983. Other amendments will be effective January 1, 1986.

FOR FURTHER INFORMATION CONTACT: Jules Bernard, Senior Attorney, Federal Deposit Insurance Corporation (202/389-4147); Paul S. Pilecki, Senior Counsel, Board of Governors of the Federal Reserve System (202/452-3281); Francis S. Rath, Attorney, Office of the Comptroller of the Currency (202/447-1880); Betty A. Whelchel, Attorney-Advisor, Treasury Department (202/566-8737); or Robert H. Ledig, Attorney, Federal Home Loan Bank Board (202/377-7057).

SUPPLEMENTARY INFORMATION: The Depository Institutions Deregulation Act of 1980 (Title II of Pub. L. 96-221; 12 U.S.C. 3501, *et seq.)* ("DIDA") was enacted to provide for the orderly phaseout and the ultimate elimination of ceilings on the maximum rates of interest and dividends that may be paid on deposit accounts by depository institutions. These actions are to occur as rapidly as economic conditions warrant. Under the DIDA, the Committee is authorized to phase out interest rate ceilings by any one of a number of methods including elimination of ceilings applicable to particular categories of accounts.

Pursuant to the DIDA, the Committee created a number of new accounts, either subject to ceilings at market rates or without ceilings, designed to gradually remove interest rate ceilings and increase the rate available to depositors while protecting the safety and soundness of depository institutions. Among these accounts were 91-day account (12 CFR 1204.120), the seven- to 31-day account (12 CFR 1204.121), the MMDA (12 CFR 1204.122), and the "Super-NOW" account (12 CFR 1204.108(b)). All of these accounts were subject to minimum deposit requirements in order to protect depository institutions from the earnings problems that could result from sudden shifts of deposits from lower cost deposit accounts, such as savings accounts, into these higher yielding accounts.

At its June 30, 1983 meeting, the Committee eliminated, effective October 1, 1983, all interest rate ceilings on time deposits with maturities or required notice periods of 31 days or more. In connection with this action, the Committee postponed discussion and consideration of the elimination or phaseout of the $2,500 minimum denomination requirement on the short-term ceilingless accounts.

In the past, the Committee has solicited comment on the appropriate minimum denomination for deposits not subject to an interest rate ceiling. On October 19, 1982 (47 FR 46530), the Committee requested public comment on features of the MMDA not specifically set forth in the Garn-St Germain Depository Institutions Act of 1982 (Pub. L. 97-320), such as the minimum denomination. Comments were received from over 1,400 respondents with approximately 1,300 commenting on the minimum balance requirement. Although there was no consensus on this requirement, about

one-third of these respondents preferred $5,000, one-fourth favored $2,500 and one-fourth preferred no regulatory requirement.

On December 28, 1982 (47 FR 57729), comments were requested on a possible phaseout of the $2,500 minimum balance requirement on short-term deposit accounts, including the seven- to 31-day time deposit. Of the 365 respondents, 111 commented on the minimum balance question. Fifty-seven percent of these favored a scheduled or immediate phaseout of the minimum balance requirement and 43 percent recommended that the Committee retain a minimum denomination of $2,500.

At its September 30, 1983 meeting, the Committee eliminated, effective December 1, 1983, the minimum denomination on the short-term ceilingless accounts for IRA/Keogh-designated deposit accounts. The Committee also adopted a phaseout schedule for the $2,500 minimum denomination for the MMDA, Super-NOW, and ceilingless seven- to 31-day accounts. Under this schedule, the minimum denomination on these accounts will be decreased to $1,000 on January 1, 1985, and will be eliminated on January 1, 1986. This action is consistent with the Committee's mandate to eliminate all interest rate ceilings by March 31, 1986.

Annual contributions to IRAs and Keogh plans may be under $2,500 and, if so, have been precluded from earning market rates if placed in a short-term account at a depository institution. For example, the maximum contribution to an IRA is limited to $2,000 per year for individuals and $2,250 per year for spousal accounts. Therefore, the $2,500 minimum on the MMDA, Super-NOW, and seven- to 31-day accounts limited their use for initial individual or spousal IRA accounts. Similarly, the $2,500 minimum made it difficult for depository institutions to offer short-term market rate accounts on periodic small contributions to IRA/Keogh accounts (*e.g.*, payroll deductions).

The Committee's action increases the flexibility of depository institutions to design deposit accounts for use by IRAs and Keogh plans and thereby expands IRA/Keogh investment opportunities.

The Committee's actions are consistent with the previously noted purpose of establishing a minimum denomination on short-term, market-rate accounts, *i.e.*, to provide depository institutions with some protection from abrupt and significant increases in their cost of funds due to depositors suddenly shifting their funds from low yielding accounts into higher yielding accounts. The Committee remains committed to controlling the risks posed by deposit shifts and notes that such shifts have apparently been relatively modest, even though survey data collected in early 1982 suggested that the majority of total passbook deposits and balances in excess of $2,500. (*See* Depository Institutions Deregulation Committee Staff Paper, *Reducing the $2,500 Minimum Balance on Short-Term Accounts to Accommodate IRA Deposits*, September 26, 1983.)

Since the Committee's action eliminating the minimum deposit requirement effective December 1, 1983, is only applicable to IRAs and Keogh plans, it is extremely unlikely that this action will cause significant shifts from passbook accounts over the next year. The phaseout of minimum deposit requirements for all short-term ceilingless accounts beginning on January 1, 1985, may cause more deposit shifting out of low-rate accounts into the market-rate accounts than would otherwise be the case, thereby placing greater pressure on earnings. However, the fact that large volumes of passbook accounts with balances exceeding $2,500 apparently have not yet shifted suggests that the minimum balance requirement may not be a significant factor in limiting the volume of funds transferred into short-term ceilingless accounts. In addition, since Congress mandated that all accounts must be deregulated by March 31, 1986, the potential problems associated with deposit shifting and the resultant pressure on earnings would occur on that date in any event. Phasing out the minimum balance requirement over time instead of postponing deregulation of these accounts until 1986 may reduce the potential for rapid deposit shifting and reduce the resultant one time impact on earnings that the remaining congressionally required interest rate deregulation would otherwise entail. Finally, in considering the impact of a reduction in the minimum balance requirements, it should be noted that depository institutuions are free to establish a higher minimum denomination, if they desire.

The Committee, as required by the Regulatory Flexibility Act (5 U.S.C. 603, *et seq.*), considered the potential effect on small entities of phasing out all minimum balance requirements and removing minimum balance requirements on IRA/Keogh accounts. The Committee's action in this regard will not impose any new reporting or recordkeeping requirements. Small entities that are depositors should benefit from the Committee's actions since they will have a wider selection of market-rate instruments that may be used for IRA/Keogh deposits. Such entities will also gradually have a wider selection of market-rate instruments available for all deposits as the phaseout takes effect. Small entities that are depository institutions should also benefit generally from this action since they would be more competitive with non-depository institutions. If, however, low-yielding deposits shift into the accounts authorized by this regulation, small entities which are depository institutions may experience some increased costs. However, as discussed previously, the staff study concluded that any shift from low yielding deposits is likely to be manageable. The effect of such shifts may be attenuated by the use of a phased out elimination instead of allowing an abrupt deregulation of remaining deposit accounts on March 31, 1986.

List of Subjects in 12 CFR Part 1204

Banks, Banking.

Pursuant to its authority under Title II of Pub. L. 96-221 (94 Stat. 142; 12 U.S.C. 3501, *et seq.*) to prescribe rules governing the payment of interest and dividends on deposits and accounts of federally insured commercial banks, savings and loan associations, and savings banks, the Committee amends Part 1204—Interest on Deposits, as follows:

1. Effective December 1, 1983, § 1204.108 is amended by removing the introductory text, revising paragraph (a), amending the first sentence of paragraph (b)(1), and adding new paragraphs (c) and (d) to read as follows:

§ 1204.108 Maximum rates of interest payable by depository institutions on deposit subject to negotiable orders of withdrawal.

(a) Commercial banks, savings and loan associations, and savings banks ("depository institutions") may pay interest on any deposit or account subject to negotiable or transferable orders of withdrawal that is authorized pursuant to 12 U.S.C. 1832(a) at: (1) A rate not to exceed 5¼ percent per annum, or (2) as provided for in paragraphs (b) and (c).

(b)(1) Notwithstanding paragraph (a)(1), a depository institution may pay interest at any rate agreed to by the depositor on any deposit or account subject to negotiable or transferable orders of withdrawal that is authorized pursuant to 12 U.S.C. 1832(a) subject to the conditions of this paragraph with an initial balance (as computed in

paragraph (b)(2) of this section) of no less than $2,500. * * *

* * * * *

(c) Notwithstanding paragraphs (a)(1) and (b), a depository institution may pay interest at any rate agreed to by the depositor on an account issued under paragraph (b), regardless of amount if, that account consists of funds deposited to the credit of, or in which the entire beneficial interest is held by, an individual pursuant to an Individual Retirement Account agreement or Keogh (H.R. 10) Plan established pursuant to 26 U.S.C. (I.R.C. 1954) 219, 401, 408 and related provisions.

(d) Effective January 1, 1985, this section is amended by striking out "$2,500" wherever it appears and inserting in its place "$1,000".

2. Effective January 1, 1986, § 1204.108 is amended by: (1) Removing paragraphs (b)(1), (b)(2), (b)(3), (b)(5), (c), and (d); (2) redesignating paragraph (b)(4) as (b); and (3) revising paragraph (a) to read as follows: "(a) Commercial banks, savings and loan associations, and savings banks ("depository institutions") may pay interest on any deposit or account subject to negotiable or transferable orders of withdrawal that is authorized pursuant to 12 U.S.C. 1832(a) at any rate agreed to by the depositor."

3. Effective December 1, 1983, § 1204.121 is amended by revising paragraph (a) and adding a new paragraph (g) to read as follows:

§ 1204.121 Seven to 31-day time deposits.

(a)(1) Commercial banks, savings banks, and savings and loan associations ("depository institutions") may pay interest at any rate as agreed to by the depositor on any time deposit with a maturity or required notice period of not less than seven days nor more than 31 days: (i) In an amount of $2,500 or more; or (ii) that consists of funds deposited to the credit of, or in which the entire beneficial interest is held by, an individual pursuant to an Individual Retirement Account agreement or Keogh (H.R. 10) Plan established pursuant to 26 U.S.C. (I.R.C. 1954) 219, 401, 408 and related provisions.

(2) Except as provided in paragraph (a)(1)(ii), a depository institution shall not pay interest in excess of the ceiling rate for regular savings deposits or accounts provided for at 12 CFR 1204.124(a) on any day the balance in a time deposit issued under this section is less than $2,500.

* * * * *

(g) Effective January 1, 1985, this section is amended by striking "$2,500" wherever it appears and inserting in its place "$1,000".

§ 1204.121 [Amended]

4. Effective January 1, 1986, § 1204.121 is amended in paragraph (a) by inserting a period after "31 days" and by removing the designation of paragraph (a)(1).

5. Effective December 1, 1983, § 1204.122 is amended by revising paragraph (a) and by adding a new paragraph (i) to read as follows:

§ 1204.122 Money market deposit account

(a)(1) Commercial banks, savings banks, and savings and loan associations ("depository institutions") may pay interest at any rate on a deposit account as described in this section: (i) With an initial balance of no less than $2,500 and an average deposit balance (as computed in paragraph (b) of this section) of no less than $2,500; or (ii) that consists of funds deposited to the credit of, or in which the entire beneficial interest is held by, an individual pursuant to an Individual Retirement Account agreement or Keogh (H.R. 10) Plan established pursuant to 26 U.S.C. (I.R.C. 1954) 219, 401, 408 and related provisions.

(2) Except as provided in paragraph (a)(1)(ii) for an account with an average balance of less than $2,500, a depository institution shall not pay interest in excess of the ceiling rate for NOW accounts (12 CFR 1204.108(a)(1)) for the entire computation period, as described in paragraph (b) of this section.

* * * * *

(i) Effective January 1, 1985, this section is amended by striking "$2,500" wherever it appears and inserting in its place "$1,000".

6. Effective January 1, 1986, paragraph (a) of § 1204.122 is revised to read as follows:

(a) Commercial banks, savings banks, and savings and loan associations ("depository institutions") may pay interest at any rate on a deposit account as described in this section.

7. Effective December 1, 1983, § 1204.123 is amended by revising paragraph (a) to read as follows:

§ 1204.123 Payment of interest on time deposits issued on or after October 1, 1983.

(a) Notwithstanding any other provision of Part 1204, a commercial bank, savings bank, or savings and loan association may pay interest at any rate agreed to by the depositor on any time deposit issued, renewed, or extended on or after October 1, 1983, that has an original maturity or required notice period prior to withdrawal of more than 31 days.

* * * * *

By Order of the Committee, October 25, 1983.

Mark G. Bender,

Executive Secretary.

[FR Doc. 83-29365 Filed 10-28-83; 8:45 am]

BILLING CODE 6210-01-M

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12 CFR Part 1204

[Docket No. 0032]

Interest Rate Ceilings on Time and Savings Deposits

AGENCY: Depository Institutions Deregulation Committee.

ACTION: Final rule.

SUMMARY: The Depository Institutions Deregulation Committee ("the Committee") has amended its rules, effective January 1, 1984, to increase the interest rate ceiling for commercial banks on savings accounts and on time deposits of less than $2,500 with maturities or required notice periods of seven to 31 days to 5½ percent, the same rate ceiling applicable to federally-insured savings and loan associations and mutual savings banks. (The interest rate ceiling for NOW accounts of less than $2,500 and savings accounts subject to automatic transfers to checking accounts ("ATS accounts") will remain at 5¼ percent for all depository institutions.) This action was taken as a result of section 326 of the Garn-St Germain Depository Institutions Act of 1982 (Pub. L. 97-320; 96 Stat. 1500), which requires that all interest rate ceiling differentials between commercial banks and thrift institutions must be phased out or eliminated on or before January 1, 1984.

EFFECTIVE DATE: January 1, 1984. Certain conforming amendments are effective January 1, 1986.

FOR FURTHER INFORMATION CONTACT: Paul S. Pilecki, Senior Counsel, Board of Governors of the Federal Reserve System (202/452-3281); Francis Rath, Attorney, Office of the Comptroller of the Currency (202/447-1880); Jules Bernard, Senior Attorney, Federal Deposit Insurance Corporation (202/389-4171); Robert H. Ledig, Attorney, Federal Home Loan Bank Board (202/377-7057); or Betty A. Whelchel, Attorney-Advisor, Treasury Department (202/566-8737).

SUPPLEMENTARY INFORMATION: Section 326(b) of the Garn-St Germain Depository Institutions Act of 1982 ("the Act") requires that interest rate differentials for all categories of deposits or accounts between commercial banks and thrift institutions

be phased out on or before January 1, 1984, and that no differential shall be maintained on or after that date. Section 326(d) of the Act provides that where a differential for a category of deposits is eliminated or reduced, the maximum rate of interest which shall be established for commercial banks shall be equal to the highest rate of interest which thrift institutions were permitted to pay on such category of deposits immediately prior to the elimination or reduction of such interest rate differential.

Effective October 1, 1983, the Committee eliminated all interest rate ceilings on time deposits with maturities or required notice periods of 32 days or more. The elimination of interest ceilings on these accounts also eliminates any differential that existed on such accounts. The following table shows the remaining categories of accounts subject to an interest rate ceiling differential as of October 1, 1983:

Account	Interest rate ceiling (percent)	
	Commercial banks	Thrifts
Savings	5¼	5½
Time Deposits of 7-31 days under $2,500	5¼	5½

Upon elimination of the interest rate differential, the interest rate ceiling structure will be as follows for all depository institutions:

Account	Deposit size	Interest rate ceiling (percent)
NOW Accounts	0-$2,499	5¼
NOW Accounts	$2,500 or more [1]	None.
ATS Accounts	All	5¼
Savings	All	5½
Money Market Deposit Account.	$2,500 or more [1]	None.
Time Deposits of 7-31 days.	0-$2,499 [2]	5½
Time Deposits of 7-31 days.	$2,500 or more [1]	None.
Time Deposits of 32 days or more.	All	None.

[1] Effective December 1, 1983, no minimum deposit requirement will apply to accounts held pursuant to Individual Retirement Account or Keogh Plan agreements.

[2] Depository institutions may continue to issue to governmental units time deposits of less than $2,500 with maturities or required notice periods of seven to 31 days, subject to the current ceiling of eight percent in effect for such deposits.

In order to meet the statutory requirement for removing the differential, the Committee amends its rules, effective January 1, 1984, to authorize commercial banks to pay 5½ percent on savings accounts and on time deposits of less than $2,500 with required notice periods or maturities of seven to 31 days. The provisions of 5 U.S.C. 553(b) relating to notice and public participation have not been followed in connection with adoption of this amendment because the change involves the implementation of a statutory provision according to its terms. Accordingly, the Committee has determined that notice and public participation is unnecessary with respect to this action.

List of Subjects in 12 CFR Part 1204

Banks, banking.

Pursuant to its authority under Title II of Pub. L. 96-221 (94 Stat. 142; 12 U.S.C. 3501 *et seq.*) to prescribe rules governing the payment of interest and dividends on deposits and accounts of federally insured commercial banks, savings and loan associations, and savings banks, and under section 326 of Pub. L. 97-320 (96 Stat. 1500; 12 U.S.C. 3503 note), the Committee amends Part 1204—Interest on Deposits, as follows:

1. Effective January 1, 1984, by adding a new § 1204.124 to read as follows:

§ 1204.124 Maximum Rate of Interest Payable on Savings Deposits and Time Deposits of Less Than $2,500 with Maturities of Seven to 31 Days.

(a)(1) Except as provided in paragraph (a)(2), a commercial bank, savings bank, or savings and loan association may pay interest on a savings deposit (as defined in 12 CFR 217.1(e) (1) and (2) and 329.1(e)(1)) or a regular account (as defined in 12 CFR 526.1(d)) at a rate not to exceed 5½ percent per annum.

(2) Notwithstanding paragraph (a)(1), a commercial bank, savings bank, or savings and loan association may pay interest at a rate not to exceed 5¼ percent on an account that consists only of funds in which the entire beneficial interest is held by one or more individuals and permits withdrawals to be made automatically through payment to the depository institution itself or through transfer of credit to a demand deposit or other account pursuant to written authorization from the depositor to make such payments or transfers in connection with checks or drafts drawn upon the depository institution.

(b)(1) A commercial bank, savings bank, or savings and loan association may pay interest on a time deposit of less than $2,500 with a maturity of seven to 31 days at a rate not to exeed 5½ percent, except that a rate not to exceed eight percent may be paid on such a time deposit which consists of funds deposited to the credit of, or in which the entire beneficial interest is held by, the United States, any state of the United States, or any county, municipality or political subdivision thereof, the District of Columbia, the Commonwealth of Puerto Rico, the Virgin Islands, American Samoa, Guam, or political subdivision thereof.

(2) Effective January 1, 1985, this section is amended by removing the term "$2,500" whereever it appears and inserting in its place "$1,000".

2. Effective January 1, 1985, § 1204.124 is amended by removing "And Time Deposits of Less Than $1,000 with Maturities of Seven to 31 Days" from the name of the section, by removing paragraph (b), and by redesignating paragraphs (a)(1) and (a)(2) and references thereto as paragraphs (a) and (b), respectively.

By Order of the Committee, October 25, 1983.

Mark G. Bender,

Executive Secretary.

[FR Doc. 83-29384 Filed 10-28-83; 8:45 am]

BILLING CODE 6210-01-M

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

[Docket No. 83-NM-79-AD; Amdt. 39-4744]

Airworthiness Directives; McDonnell Douglas Model DC-10-15, DC-10-30, and Military KC-10A Series Airplanes

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final rule.

SUMMARY: This document amends an existing airworthiness directive (AD) 83-13-09 applicable to certain McDonnell Douglas Model DC-10 and Military KC-10A Series airplanes, which requires rework of the electrical wiring associated with the flight interphone system. This amendment corrects the aircraft fuselage number effectivity and thus reduces the number of airplanes affected.

EFFECTIVE DATE: October 27, 1983.

ADDRESSES: The applicable service information may be obtained from: McDonnell Douglas Corporation, 3855 Lakewood Boulevard, Long Beach, California 90846, Attention: Director, Publications and Training, C1-750 (54-60). This information also may be examined at the FAA, Northwest Mountain Region, 17900 Pacific Highway South, Seattle, Washington or at 4344 Donald Douglas Drive, Long Beach, California.

FOR FURTHER INFORMATION CONTACT: Eugene F. Huettner, Aerospace Engineer, Systems & Equipment Branch, ANM-130L, FAA, Northwest Mountain Region, Los Angeles Aircraft Certification Office, 4344 Donald

Douglas Drive, Long Beach, California 90808, telephone (213) 548-2831.

SUPPLEMENTARY INFORMATION: AD 83-13-09, Amendment 39-4679, requires modification of the service and flight interphone wiring in accordance with the accomplishment instructions in McDonnell Douglas DC-10 Service Bulletin No. 23-46, dated May 12, 1983, to prevent loss of all communications transmission capability from airplane to ground, on certain aircraft fuselage numbers. After issuing Amendment 39-4679, it was determined that not all fuselage numbers noted were affected. The detailed effectivity is contained in the McDonnell Douglas DC-10 Service Bulletin 23-46.

This amendment corrects the effectivity and reduces the number of airplanes requiring modification. It imposes no additional burden on any person, therefore, notice and public procedure hereon are unnecessary, and good cause exists for making this amendment effective in less than 30 days.

List of Subjects in 14 CFR Part 39

Aviation safety, Aircraft.

Adoption of the Amendment

Accordingly, pursuant to the authority delegated to me by the Administrator, § 39.13 of Part 39 of the Federal Aviation Regulations (14 CFR 39.13) is amended by revising the first paragraph of AD 83-13-09, Amendment 39-4679 (48 FR 31632; July 11, 1983), to read as follows:

McDonnell Douglas: Applies to certain McDonnell Douglas DC-10-15 and DC-10-30 airplanes, and all KC-10A airplanes, certified in all categories, which are listed in McDonnell Douglas DC-10 Service Bulletin 23-46, dated May 12, 1983, or later revisions approved by the Manager, Los Angeles Aircraft Certification Office. Compliance required within 30 days from the effective date of this AD unless already accomplished.

All persons affected by this directive who have not already received these documents from the manufacturer may obtain copies upon request to McDonnell Douglas Corporation, 3855 Lakewood Boulevard, Long Beach, California 90846, Attention: Director, Publications and Training, C1-750 (54-60). These documents also may be examined at the FAA, Northwest Mountain Region, 17900 Pacific Highway South, Seattle, Washington or the Los Angeles Aircraft Certification Office, 4344 Donald Douglas Drive, Long Beach, California.

This Amendment becomes effective October 27, 1983.

(Secs. 313(a), 314(a), 601 through 610, and 1102 of the Federal Aviation Act of 1958, (49 U.S.C. 1354(a), 1421 through 1430, and 1502); 49 U.S.C. 106(g) (Revised, Pub. L. 97-449, January 12, 1983); and 14 CFR 11.89)

Note.—The FAA has determined that this document involves an amendment that corrects an existing AD and does not impose any additional burden on any person. Therefore: (1) It is not major under Executive Order 12291 (46 FR 13193; February 19, 1981) and (2) it is not significant under DOT Regulatory Policies and Procedures (44 FR 11034; February 26, 1979). Because its anticipated impact is so minimal, it does not warrant preparation of a regulatory evaluation. I certify that it will not have a significant economic impact on a substantial number of small entities under the criteria of the Regulatory Flexibility Act since both the original rule and this amendment involve few, if any small entities, and this amendment merely corrects the effectivity and reduces the number of entities affected.

Issued in Seattle, Washington on October 7, 1983.

Wayne J. Barlow,

Acting Director, Northwest Mountain Region.

[FR Doc. 83-29498 Filed 10-28-83; 4:08 pm]

BILLING CODE 4910-13-M

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14 CFR Part 39

[Docket No. 83-ASW-40; Amdt. 39-4757]

Airworthiness Directives Boeing Vertol Company Model 107-II and Kawasaki Heavy Industries, Ltd., Model KV107-II and KV107-IIA Series Helicopters

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final rule.

SUMMARY: This amendment adopts a new airworthiness directive (AD) which establishes a retirement life and requires removal from service of synchronizing shafts having time in service of 8750 or more hours prior to further flight on Boeing Vertol Model 107-II and Kawasaki Model KV107-II and KV107-IIA series helicopters. The AD is prompted by a failure of a No. 3 synchronizing shaft and subsequent loss of a helicopter.

DATE: Effective November 14, 1983. Compliance required prior to further flight after the effective date of this AD on all No. 1, 2, 3, and 4 synchronizing shafts having time in service of 8750 or more hours.

FOR FURTHER INFORMATION CONTACT: Mr. Murry Schoenberger, ANE-174, New York Aircraft Certification Office, Federal Aviation Administration, 181 South Franklin Avenue, Room 202, Valley Stream, New York 11581, telephone number (516) 791-7421.

SUPPLEMENTARY INFORMATION: There has been a fatigue failure emanating from a rivet hole used to attach a balance weight of the No. 3 synchronizing shaft, P/N 107D3141-13, on a Boeing Vertol 107-II helicopter. The total time on the part when failure occurred was 17,500 hours, and it had been inspected 400-450 hours prior to the failure. The FAA has determined that there is sufficient justification for an 8750-hour retirement life. The P/N 107D3141 synchronizing shafts were used on the Boeing Vertol 107-II helicopter and the P/N 107D3341 shafts are used in the Kawasaki KV107-II and -IIA helicopters. The P/N 107D3341 shafts are also now being used on the Boeing Vertol 107-II helicopters. All of the shafts have balance weights riveted to the shaft tubes except P/N 107D3341-17 (weight is riveted to an adapter flange). All shafts are assigned the 8750-hour retirement life. P/N 107D3341-17 is included on a temporary basis, pending data review. Since this condition is likely to exist or develop on other helicopters of the same type design, an airworthiness directive is being issued which establishes an 8750-hour service life for the No. 1, 2, 3, and 4 synchronizing shafts and requires replacement as necessary on Boeing Vertol Model 107-II and Kawasaki Heavy Industries Model KV107-II and KV107-IIA helicopters.

Since a situation exists that requires the immediate adoption of this regulation, it is found that notice and public procedure hereon are impracticable and good cause exists for making this amendment effective in less than 30 days.

List of Subjects in 14 CFR Part 39

Air transportation, Aircraft, Aviation safety, Safety.

Adoption of the Amendment

PART 39—[AMENDED]

Accordingly, pursuant to the authority delegated to me by the Administrator, §39.13 of Part 39 of the Federal Aviation Regulations (14 CFR 39.13) is amended by adding the following new Airworthiness Directive:

Boeing Vertol Company and Kawasaki Heavy Industries, Ltd.: Applies to Boeing Vertol Model 107-II and Kawasaki Model KV107-II and KV107-IIA helicopters certificated in all categories equipped with synchronizing shafts, P/N 107D3141-1, -6, -10, -11, -13 or -14, or 107D3341-16, -17, -18, or -21.

Compliance is required as indicated (unless already accomplished).

To prevent possible hazards in flight associated with cracking of the No. 1, 2, 3, or 4 synchronizing shafts, accomplish the following:

(a) Prior to further flight after the effective date of this AD, remove from service all synchronizing shafts P/N 107D3141-1, -6, -10,

-11, -13, or -14; or 107D3341-16, -17, -18, or -21 having 8750 or more hours' total time in service and replace with a serviceable part.

(b) Synchronizing shafts P/N 107D3141-1, -6, -10, -11, -13, or -14; or 107D3341-16, -17, -18, or -21 with less than 8750 hours' time in service must be replaced with a servicable part prior to accumulating 8750 hours' total time in service.

(c) An equivalent method of compliance with this AD may be used when approved by the Manager, New York Aircraft Certification Office, 181 South Franklin Avenue, Room 202, Valley Stream, New York 11581.

This amendment becomes effective November 14, 1983.

(Secs. 313(a), 601, and 603, Federal Aviation Act of 1958, as amended, (49 U.S.C. 1354(a), 1421, and 1423); Sec. 106(g) [Revised, Pub. L. 97-449, January 12, 1983]; and 14 CFR 11.89)

Note.—The FAA has determined that this regulation is an emergency regulation that is not major under Section 8 of Executive Order 12291. It is impracticable for the agency to follow the procedures of Order 12291 with respect to this rule since the rule must be issued immediately to correct an unsafe condition in aircraft. It has been further determined that this document involves an emergency regulation under DOT Regulatory Policies and Procedures (44 FR 11034; February 26, 1979). If this action is subsequently determined to involve a significant/major regulation, a final regulatory evaluation or analysis, as appropriate, will be prepared and placed in the regulatory docket (otherwise, an evaluation or analysis is not required). A copy of it, when filed, may be obtained by contacting the person identified under the caption "FOR FURTHER INFORMATION CONTACT."

Issued in Fort Worth, Texas, on October 18, 1983.

Roger G. Knight,

Acting Director, Southwest Region.

[FR Doc. 83-29497 Filed 10-28-83; 8:45 am]

BILLING CODE 4910-13-M

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14 CFR Part 39

[Docket No. 83-NM-53-AD; Amdt. 39-4754]

Airworthiness Directives; British Aerospace Model HS 125 Series Airplanes

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final rule.

SUMMARY: This amendment adds a new airworthiness directive (AD) applicable to certain British Aerospace Aircraft Group Model HS 125 series airplanes which requires modification of the fan housing of the air conditioning system. This action is necessary to protect the main engine beam in the event of a fan burst failure. The manufacturer has determined that the fan housing alone provides inadequate protection.

DATES: Effective December 1, 1983.

ADDRESSES: The service bulletin specified in this AD may be obtained upon request to British Aerospace, Inc., Librarian, Box 17414, Dulles International Airport, Washington, D.C. 20041, or may be examined at the address shown below.

FOR FURTHER INFORMATION CONTACT: Mr. Sulmo Mariano, Foreign Aircraft Certification Branch, ANM-150S, Seattle Aircraft Certification Office, FAA, Northwest Mountain Region, 9010 East Marginal Way South, Seattle, Washington, telephone (206) 431-2979. Mailing address: FAA, Northwest Mountain Region, 17900 Pacific Highway South, C-68966, Seattle, Washington 98168.

SUPPLEMENTARY INFORMATION: The Civil Aviation Authority of the United Kingdom (CAA) has classified British Aerospace Aircraft Group, Hatfield-Chester Division, 125 Service Bulletin 21-123-(2815), Revision 2, as mandatory. Investigations have determined that a burst failure of the cold air unit fan can damage the main engine beam because the fan housing provides inadequate protection. The service bulletin prescribes installation of a fragmentation guard around the fan housing.

A proposal to amend Part 39 of the Federal Aviation Regulations to include an airworthiness directive requiring installation of a fragmentation guard around the fan housing was published in the **Federal Register** on June 27, 1983 (48 FR 29536). The comment period closed on August 15, 1983, and interested parties have been afforded an opportunity to participate in the making of this amendment. Only one comment was received; it stated no objection to the proposal.

It is estimated that 100 U.S. registered airplanes will be affected by this AD, that it will take approximately 3 manhours per airplane to accomplish the required action, and that the average labor cost will be $35 per manhour. Repair parts are estimated at $25 per airplane. Based on these figures, the total cost impact of this AD will be $13,000. For these reasons, this rule is not considered to be a major rule under the criteria of Executive Order 12291. Few small entities within the meaning of the Regulatory Flexibility Act will be affected.

Therefore, the FAA has detemined that air safety and the public interest require the adoption of the rule as proposed.

List of Subjects in 14 CFR Part 39

Aviation safety, Aircraft.

Adoption of the Amendment

PART 39—[AMENDED]

Accordingly, pursuant to the authority delegated to me by the Administrator, § 39.13 of Part 39 of the Federal Aviation Regulations (14 CFR 39.13) is amended by adding the following new airworthiness directive:

British Aerospace Aircraft Group (Hatfield-Chester Division): Applies to model HS 125 (pre-Modification 251600) with serial numbers listed in the Planning Information of the service bulletin. Compliance required as indicated, unless already accomplished. To protect the main engine beam from a burst failure of the cold air unit fan, accomplish the following:

A. Install a fragmentation guard around the fan housing of the cold air unit in accordance with the Accomplishment Instructions of British Aerospace Aircraft Group, Hatfield-Chester Division, 125 Series Aircraft Service Bulletin 21-123-(2815), Revision 2, dated October 29, 1982, within 120 days after the effective date of this AD.

B. Alternate means of compliance which provide an equivalent level of safety may be used when approved by the Manager, Seattle Aircraft Certification Office, FAA, Northwest Mountain Region.

C. Special flight permits may be issued in accordance with FAR 21.197 and 21.199 to operate airplanes to a base for the accomplishment of inspections and/or modifications required by this AD.

This amendment becomes effective December 1, 1983.

(Sec. 313(a), 314(a), 601 through 610, and 1102 of the Federal Aviation Act of 1958 (49 U.S.C. 1354(a), 1421 through 1430, and 1502); 49 U.S.C. 106(g) (Revised, Pub. L. 97-449, January 12, 1983); and 14 CFR 11.89)

Note.—For the reasons discussed earlier in the preamble, the FAA has determined that this regulation is not considered to be major under Executive Order 12291 or significant under DOT Regulatory Policies and Procedures (44 FR 11034; February 26, 1979); and it is further certified under the criteria of the Regulatory Flexibility Act that this rule will not have a significant economic effect on a substantial number of small entities. A final evaluation has been prepared for this regulation and has been placed in the docket. A copy of it may be obtained by contacting the person identified under the caption "FOR FURTHER INFORMATION CONTACT."

Issued in Seattle, Washington, on October 17, 1983.

Wayne J. Barlow,

Acting Director, Northwest Mountain Region.

[FR Doc. 83-29496 Filed 10-28-83; 8:45 am]

BILLING CODE 4910-13-M

14 CFR Part 39

[Docket No. 83-NM-83-AD; Amdt. 39-4751]

Airworthiness Directives; Gates Learjet Models 25, 25A, 25B, and 25C

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final rule.

SUMMARY: This document amends an existing airworthiness directive (AD) applicable to certain Learjet Model 25 airplanes. This amendment extends the inspection interval for unmodified Stall Warning Accelerometers from 150 to 165 hours time in service. This will permit the inspection to be done in conjunction with other airplane maintenance.

EFFECTIVE DATE: November 1, 1983.

FOR FURTHER INFORMATION CONTACT: Robert R. Jackson, Aerospace Engineer, Wichita Aircraft Certification Office, FAA, Central Region, Room 238, Terminal Building 2299, Mid-Continent Airport, Wichita, Kansas 67209; telephone (316) 269-7008.

SUPPLEMENTARY INFORMATION: Airworthiness Directive AD 82-01-04 (47 FR 012; January 4, 1982), Amendment 39-4296, required initial and repetitive inspections of the unmodified stall warning system on certain Learjet model 25 airplanes. The specified repetitive inspection interval is 150 hours time in service. This amendment extends the 150 hours time in service by 15 hours so that the interval is now 165 hours time in service, which coincides with Gates Learjet airplane maintenance schedule and FAA Approved Aircraft Inspection Programs. The FAA has determined that this inspection interval can be extended without compromising safety.

This AD involves only a minor extension of an inspection interval, has no adverse economic impact, and imposes no additional burden on any person. Therefore, notice and public procedure hereon are unnecessary, and the amendment may be made effective in less than 30 days.

List of Subjects 14 CFR Part 39

Aviation safety, Aircraft.

Adoption of the Amendment

PART 39—[AMENDED]

Accordingly, pursuant to the authority delegated to me by the Administrator, § 39.13 of Part 39 of the Federal Regulation (14 CFR 39.13) is amended by further amending AD 82-01-04, Amendment 39-4296 (47 FR 012; January 4, 1982), by revising paragraph D. to read as follows:

"D. To assure proper operation of the Stall Warning Accelerometer Unit, unless previously inspected in the last 100 hours time in service before the effective date of this AD, within the next 50 hours time in service, and thereafter at intervals not to exceed 165 hours time in service, inspect the Stall Warning Accelerometer in accordance with appropriate Gates Learjet Service Bulletins SB 23, 24, 25-301B."

This amendment becomes effective November 1, 1983.

(Secs. 313(a), 314(a), 601 through 610, and 1102 of the Federal Aviation Act of 1958 (49 U.S.C. 1354(a), 1421 through 1430, and 1502); 49 U.S.C. 106(g) (Revised, Pub. L. 97-449, January 12, 1983); and 14 CFR 11.89)

Note.—The Federal Aviation Administration has determined that this document involves an amendment that does not impose any additional burden on any person. Therefore, 1) it is not major under Executive Order 12291 (46 FR 13193; February 19, 1981), and 2) it is not significant under DOT Regulatory Policies and Procedures (44 FR 11034; February 26, 1979). Because its anticipated impact is so minimal, it does not warrant preparation of a regulatory evaluation. I certify that it will not have a significant economic impact on a substantial number of small entities under the criteria of the Regulatory Flexibility Act because it involves only a minor extension of an inspection interval, thereby slightly reducing the burden to operators of affected aircraft.

Issued in Seattle, Washington on October 12, 1983.

Wayne J. Barlow,

Acting Director, Northwest Mountain Region.

[FR Doc. 83-29493 Filed 10-28-83; 8:45 am]

BILLING CODE 4910-13-M

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14 CFR Part 39

[Docket No. 83-CE-73-AD; Amdt. 39-4758]

Airworthiness Directives; Piper Models PA-23-235, PA-E23-250 and PA-E23-250 Airplanes

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final rule.

SUMMARY: This amendment adopts a new Airworthiness Directive (AD), applicable to Piper Models PA-23-235, PA-23-250 and PA-E23-250 airplanes, which supersedes AD 83-13-10, Amendment 39-4680. This superseded AD required installation of a revised Airplane Flight Manual (AFM) containing zero-fuel weight limitations in certain Piper Models PA-23-235 and PA-23-250 airplanes. Subsequent to the issuance of AD 83-13-10, the manufacturer advised the FAA that Piper Model PA-23-250 airplanes should have been included in the applicability statement of the AD. The superseding AD includes this airplane model and incorporates the provisions of AD 83-13-10.

EFFECTIVE DATE: November 3, 1983.

Compliance: As prescribed in the body of the AD.

ADDRESSES: Airplane Flight Manuals (Piper Reports) applicable to this AD may be obtained from Piper Aircraft Corporation, 820 East Bald Eagle Street, Lock Haven, Pennsylvania 17745. A copy of this information is also contained in the Rules Docket, Office of the Regional Counsel, FAA, Room 1558, 601 East 12th Street, Kansas City, Missouri 64106.

FOR FURTHER INFORMATION CONTACT: C. Kallis, Airframe Section, ANE-172, New York Aircraft Certification Office, 181 South Franklin Avenue, Room 202, Valley Stream, New York 11581; Telephone (516) 791-6220.

SUPPLEMENTARY INFORMATION: The FAA issued AD 83-13-10, Amendment 39-4680 (48 FR 31190, 31191) which required installation of a revised AFM containing zero-fuel weight limitations in certain Piper Models PA-23-235 and PA-23-250 airplanes. This action resulted from an awareness by the manufacturer and the FAA that some operators are using Piper Models PA-23-235 and PA-23-250 airplanes to haul heavy parts, cargo, mail, checks and similar material for relatively short distances. This usage of airplanes which incorporate substantial quantities of electronics or other fuselage installed equipment may cause the structural capability of the wings to be exceeded under maximum design gust conditions as the wing carried fuel load approaches zero or minimum allowable quantities.

To eliminate the possibility of structural damage to the wings and/or operation of the airplanes with reduced margins of safety under these conditions, the manufacturer established zero-fuel weight limitations for these airplanes and published them in revisions to the applicable AFMs. When incorporated into the Limitations Section of the AFM as Operating Limitations, FAR 91.31 requires that zero-fuel weights be observed by the operator. The FAA found that to assure the continued safe operation of these airplanes, the incorporation of the applicable current AFMs in the affected airplanes and adherence to the zero-fuel weight limitations therein are necessary and issued AD 83-13-10. Subsequent to

this action, the manufacturer advised the FAA that the Piper Model PA-E23-250 airplane was similar in design and also subject to the same unsafe conditions as the Piper Models PA-23-225 and PA-23-250 airplanes.

Therefore, an AD superseding AD 83-13-10 is being issued which incorporates the provisions of AD 83-13-10 and includes in the applicability statement Piper Model PA-E23-250 airplanes.

Because an emergency condition exists that requires the immediate adoption of this regulation, it is found that notice and public procedure hereon are impractical and contrary to the public interest, and good cause exists for making this statement effective in less than 30 days.

List of Subjects in 14 CFR Part 39

Aviation safety, Aircraft.

Adoption of the Amendment

PART 39—[AMENDED]

Accordingly, pursuant to the authority delegated to me by the Administrator, § 39.13 of the Federal Aviation Regulations (14 CFR Section 39.13) is amended by adding the following new AD.

Piper: Applies to Models PA-23-235 (S/N 27-505 through S/N 27-622); PA-23-250 (S/N 27-1 and up) and PA-E23-250 (S/N 27-2505 through 27-755468, 27-7654001 and up) airplanes certificated in any category.

Compliance: Required as indicated, unless already accomplished.

To prevent possible wing structure damage, accomplish the following:

(a) Within 30 days after the effective date of this AD, attach a copy of this AD to the Airplane Flight Manual in the Limitations Section and operate the airplane in accordance with the Zero Fuel Weight Limitations specified below:

Zero Fuel Weight Limitations

PA-23-235 and PA-23-250 (S/Ns 27-1 thru 27-1999), Zero Fuel Weight—4,000 lb.

PA-23-250 and PA-E23-250 (S/Ns 27-2000 and up), Zero Fuel Weight (normally aspirated) 4,400 lbs; (Turbocharged)—4,500 lbs.

(b) Within 12 months after the effective date of this AD, install the appropriate Airplane Flight Manual as indicated below in the airplane:

Airplane Flight Manuals (Piper Reports)

PA-23-235 (S/Ns 27-505 thru 27-622)—Report 1207 Rev. B.

PA-23-250 (S/Ns 27-1 thru 27-1999)—Report 1036 Rev. B.

PA-23-250 (S/Ns 27-2000 thru 27-2504)—Report 1204 Rev. C.

PA-23-250 (S/Ns 27-2505 thru 27-3836) (27-3838 thru 27-3943)—Report 1308 Rev. B (4800 lbs. Gross Weight), normally aspirated.

PA-23-250 (S/Ns 27-2505 thru 27-3836), (27-3838 thru 27-3943)—Report 1360 Rev. B (5200 lbs Gross Weight), Turbocharged.

PA-23-250 (S/Ns 27-3837, 27-3944 thru 27-4425, 27-4427 thru 27-4573)—Report 1520 Rev. B.

PA-23-250 (S/Ns 27-4426, 27-4574 thru 27-7554168)—Report 1630 Rev. 17.

PA-23-250 (S/Ns 27-7654001 and up)—Report 1948 Rev. 13.

PA-E23-250 (S/Ns 27-2505 thru 27-3836, 27-3838 thru 27-3943)—Report 1378 Rev. B (S/Ns 27-3837, 27-3944 thru 27-4425, 27-4427 thru 27-4573)—Report 1521 Rev. B) (S/Ns 27-4426, 27-4574 thru 27-7554168)—Report 1631, Rev. B (S/Ns 27-7654001 and up)—Report 2049, Amendment 5.

(c) Compliance with this AD may be accomplished by the owner/operator of the airplane. This person must make the prescribed entry indicating compliance with this AD in the Airplane Maintenance Records.

(d) An equivalent method of compliance with this AD may be used, if approved, by the Manager, New York Aircraft Certification Office, FAA, ANE-170, 181 South Franklin Avenue, Room 202, Valley Stream, New York 11581.

This AD supersedes AD 83-13-10, Amendment 39-4680.

This amendment becomes effective on November 3, 1983.

(Secs. 313(a), 601 and 603 of the Federal Aviation Act of 1958, as amended (49 U.S.C. 1354(a), 1421 and 1423); 49 U.S.C. 106(g) (Revised, Pub. L. 97-449, January 12, 1983); Sec. 11.89 of the Federal Aviation Regulations (14 CFR Sec. 11.89))

Note.—The FAA has determined that this regulation is an emergency regulation that is not major under Section 8 of Executive Order 12291. It is impracticable for the agency to follow the procedures of Order 12291 with respect to this rule since the rule must be issued immediately to correct an unsafe condition in aircraft. It has been further determined that this document involves an emergency regulation under DOT Regulatory Policies and Procedures (44 FR 11034; February 26, 1979). If this action is subsequently determined to involve a significant regulation, a final regulatory evaluation or analysis, as appropriate will be prepared and placed in the regulatory docket (otherwise, an evaluation is not required). A copy of it, when filed, may be obtained by contacting the Rules Docket under the caption "**ADDRESSES**" at the location identified.

Issued in Kansas City, Missouri, on October 18, 1983.

John E. Shaw,

Acting Director, Central Region.

[FR Doc. 83-29495 Filed 10-28-83; 8:45 am]

BILLING CODE 4910-13-M

FEDERAL TRADE COMMISSION

16 CFR Part 13

[Docket C-3117]

Bayleysuit, Inc.; Prohibited Trade Practices, and Affirmative Corrective Actions

AGENCY: Federal Trade Commission.

ACTION: Consent order.

SUMMARY: In settlement of alleged violations of federal law prohibiting unfair acts and practices and unfair methods of competition, this consent order requires the Fortuna, Calif. manufacturer of the "Bayley exposure suit," among other things, to publish advertisements, send notices and use its best efforts to locate and notify users of the suits that the bladder hose assembly used to inflate the flotation pillow requires a safety modification. The manufacturer is required to send to each Bayleysuit user who requests it, a retrofit kit, together with understandable instructions to permit easy repair of the suit. If, by July 15, 1983, 80% of Bayleysuit users have not requested a retrofit kit, the manufacturer is required to search dealer records, ship registries and listings and the rolls of fishermen's unions to obtain the names and addresses of retail purchasers, so they can be notified by letter of the safety hazard and provided with a repair kit request card. The order additionally prohibits false representations concerning the buoyancy or safety of the Bayley exposure suit or any other product.

DATES: Complaint and Order issued Sept. 30, 1983.*

FOR FURTHER INFORMATION CONTACT: George J. Zweibel, Director, 10R, Seattle Regional Office, Federal Trade Commission, 28th Floor, Federal Bldg., 915 Second Ave., Seattle, WA 98174, (206) 442-4655.

SUPPLEMENTARY INFORMATION: On Thursday, July 7, 1983, there was published in the **Federal Register**, 48 FR 31243, a proposed consent agreement with analysis In the Matter of Bayleysuit, Inc., a corporation, for the purpose of soliciting public comment. Interested parties were given sixty (60) days in which to submit comments, suggestions or objections regarding the proposed form of order.

No comments having been received, the Commission has ordered the issuance of the complaint in the form contemplated by the agreement, made

* Copies of the Complaint and the Decision and Order filed with the original document.

its jurisdictional findings and entered its order to cease and desist, as set forth in the proposed consent agreement, in disposition of this proceeding.

The prohibited trade practices and/or corrective actions, as codified under 16 CFR Part 13, are as follows: Subpart—Advertising Falsely or Misleadingly: § 13.10 Advertising falsely or misleadingly; § 13.170 Qualities or properties of product or service; § 13.190 Results; § 13.195 Safety; 13.195–60 Product; § 13.205 Scientific or other relevant facts. Subpart—Corrective Actions and/or Requirements: § 13.533 Corrective actions and/or requirements; 13.533-45 Maintain records. Subpart—Misrepresenting Oneself and Goods—Goods: § 1710 Qualities of properties; § 13.1730 Results; § 13.1740 Scientific or other relevant facts.

List of Subjects in 16 CFR Part 13

Survival suits, Trade practices.

[Sec. 6, 38 Stat. 721; 15 U.S.C. 46. Interprets or applies sec. 5, 38 Stat. 719, as amended; 15 U.S.C. 45]

Emily H. Rock,

Secretary.

[FR Doc. 83-29603 Filed 10-28-83; 8:45 a.m.]

BILLING CODE 6750-01-M

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16 CFR Part 13

[Docket C-3116]

Foote, Cone & Belding Advertising, Inc.; Prohibited Trade Practices, and Affirmative Corrective Actions

AGENCY: Federal Trade Commission.

ACTION: Consent order.

SUMMARY: In settlement of alleged violations of federal law prohibiting unfair acts and practices and unfair methods of competition, this consent order requires a Chicago, Ill. advertising agency affiliated with Amana Refrigeration, Inc., among other things, to cease representing that only Amana microwave ovens passed independent laboratory testing conducted in 1980 and that Amana was rated "best quality" in a 1980 consumer survey. The order prohibits the agency from misrepresenting the purpose, content or conclusion of any test or survey and requires the agency to maintain accurate records which substantiate and/or contradict any claim made for products covered by this order. Further, the agency is required to have a reasonable basis for all future quality, safety or comparative performance representations made for microwave ovens.

DATES: Complaint and Order issued Sept. 30, 1983.*

FOR FURTHER INFORMATION CONTACT: FTC/PA, Andrew Sacks, Washington, D.C. 20580. (202) 724–1524.

SUPPLEMENTARY INFORMATION: On Monday, July 18, 1983, there was published in the **Federal Register**, 48 FR 32598, a proposed consent agreement with analysis In the Matter of Foote, Cone & Belding Advertising, Inc., a corporation, for the purpose of soliciting public comment. Interested parties were given sixty (60) days in which to submit comments, suggestions or objections regarding the proposed form of order.

No comments having been received, the Commission has ordered the issuance of the complaint in the form contemplated by the agreement, made its jurisdictional findings and entered its order to cease and desist, as set forth in the proposed consent agreement, in disposition of this proceeding.

The prohibited trade practices and/or corrective actions, as codified under 16 CFR Part 13, are as follows: Subpart—Advertising Falsely or Misleadingly: § 13.10 Advertising falsely or misleadingly; 13.10–5 Knowingly by advertising agent; § 13.20 Comparative data or merits; § 13.175 Quality of product or service; § 13.195 Safety; § 13.205 Scientific or other relevant facts; § 13.210 Scientific tests; § 13.255 Surveys. Subpart—Corrective Actions and/or Requirements: § 13.533 Corrective actions and/or requirements; 13.533–45 Maintain records. Subpart—Disseminating Advertisements, etc.: § 13.1043 Disseminating advertisements, etc. Subpart—Misrepresenting Oneself and Goods—Goods: § 13.1575 Comparative data or merits; § 13.1715 Quality; § 13.1740 Scientific or other relevant facts; § 13.1757 Surveys. Subpart—Neglecting, Unfairly or Deceptively, To Make Material Disclosure: § 13.1886 Quality, grade or type; § 13.1890 Safety; § 13.1895 Scientific or other relevant facts.

List of Subjects in 16 CFR Part 13

Advertising, Appliances, Trade practices.

[Sec. 6, 38 Stat. 721; 15 U.S.C. 46. Interprets or applies sec. 5, 38 Stat. 719, as amended; 15 U.S.C. 45]

Emily H. Rock,

Secretary.

[FR Doc. 83-29602 Filed 10-28-83; 8:45 am]

BILLING CODE 6750-01-M

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*Copies of the Complaint and the Decision and Order filed with the original document.

COMMODITY FUTURES TRADING COMMISSION

17 CFR Part 33

Options on Futures; Margins

AGENCY: Commodity Futures Trading Commission.

ACTION: Rule-related notice.

SUMMARY: The Commodity Futures Trading Commission ("Commission") is publishing the text of a letter which it has sent to the Chicago Mercantile Exchange ("CME") and the New York Futures Exchange ("NYFE"). The letter notifies the Exchanges that the Commission will consider proposed amendments to their option margin rules which permit extension of the application of the Exchanges' margining system for floor traders trading for their own accounts to certain additional categories of members. This letter is in response to a written request by CME and NYFE that the Commission interpret their floor trader margin rules as applying to all members rather than just floor traders. The Commission is publishing the text of the letter in order to notify the public and other exchanges of the Commission's position regarding the proper application of such floor trader margining systems, and because the Commission previously requested comment on whether use of the margin system for floor traders should be permitted to be extended to other categories of members.

FOR FURTHER INFORMATION CONTACT: Karen Matteson, Attorney Advisor, Division of Trading and Markets, Commodity Futures Trading Commission, 2033 K Street, NW., Washington, D.C. 20581. Telephone: (202) 254–8955.

SUPPLEMENTARY INFORMATION: In order to determine whether any changes in the system for assessing and collecting margin on futures option contracts should be tested as part of the pilot option program, the Commission issued a Notice and Request for Comment which set forth a list of specific inquiries to which commenters were requested to respond. 48 FR 10857 (March 15, 1983). One of the issues on which the Commission requested comment was:

> The advantages and disadvantages of extending the floor trader margining systems, like that of CME, approved by the Commission beyond active floor traders to all members of a contract market [where] the instrument is traded.

48 FR at 10858.

By letter dated March 15, 1983, the CME and NYFE requested that the

Commission interpret the application of their delta margining systems for futures options to apply to all members of both exchanges, rather than merely to members who are present on the floor and trading for their own accounts. These delta margining systems permit the market value of a long option, adjusted by formula for the risk of one day's market move, to be used to reduce the aggregate margin obligations on short option positions and on futures positions held in a floor trader's account.

The Commission has determined to notify the CME and NYFE of its willingness to consider Exchange rule submissions pursuant to section 5a(12) of the Commodity Exchange Act which would permit expansion of application of the Exchanges' delta margining systems for floor traders to certain other categories of Exchange members, rather than simply interpreting exchange margin rules as permitting such an expansion. The Commission believes that the language of Exchange rules regarding margin should accurately state to whom those rules may be applied.

The Commission has determined to publish the text of the letter it has sent to NYFE, notifying it of the Commission's willingness to consider such section 5a(12) submissions in order to inform the public of the Commission's resolution of this issue as set forth in the March 15 Notice and Request for Comment. [The identical letter is being sent to the CME.] For the reasons stated in the text of the letter set forth below, the Commission has determined to consider favorably an extension of the Exchanges' delta margining systems which now apply to floor traders trading for their own accounts to other categories of exchange members:

Mr. Lewis Horowitz,
President, New York Futures Exchange, 20 Broad Street, New York, New York 10005

Dear Mr. Horowitz: By letter dated March 15, 1983 ("Exchange letter"), Dr. Frank J. Jones, then Executive Vice President and Chief Operating Officer of the New York Futures Exchange ("NYFE"), requested on behalf of the NYFE and the Chicago Mercantile Exchange ("CME") that the Commission reinterpret the permissible scope of the "delta" margining systems employed by the two Exchanges for margining futures options. Specifically, each Exchange requested that the Commission concur that the Exchanges' respective delta margining systems could be applied to all transactions by its members on that exchange.

The Commission, in originally approving the options margin systems proposed by NYFE and CME, had indicated that because these "delta" margining systems permitted the value of long option positions held in a member's account to reduce margin obligations with respect to other market positions, the use of these margin systems was to be restricted to the positions of members who were present on the trading floor when initiating an order. The Commission reached this determination, at least in part, because the original submission by each exchange had identified its proposed options margin system as a system applicable to "floor traders," and had suggested that floor traders were the equivalent on futures exchanges of "marketmakers," even though they do not have specific affirmative marketmaking obligations. As you are aware, the obligation of a member to assume affirmative marketmaking obligations has been the basis upon which the Board of Governors of the Federal Reserve System historically has specifically addressed the margin obligations of specialists and other marketmakers in the securities industry. The Exchanges also noted that the primary reasons which had previously been articulated by the Commission for restricting the use of the value of long options for customer positions—*i.e.*, the protection of customer funds and the avoidance of confusion as to subsequent obligations to make payments on long options positions—did not apply to market professionals. 48 FR 54500, 54504 (November 3, 1981).

The Commission has evaluated the Exchanges' request and has determined that it would be inappropriate for the Commission to interpret the term "floor trader" as set forth in existing Exchange rules and options margin submissions to include all Exchange members. The Commission will, however, accept for review pursuant to section 5a(12) of the Commodity Exchange Act and 17 CFR 1.41(b) amendments to the Exchanges' rules which establish their options margins systems to broaden the category of Exchange members who may employ the margining system which the Commission has approved for floor traders. The Commission believes that amendment of the Exchanges' rules will require the Exchanges to clearly delineate the scope of the system in its rules and to focus on the justification for extending such systems to members who do not initiate all of their transactions on the floor of the exchange.

In this context, the Commission believes that it would be appropriate to consider favorably rule changes which would extend the Exchanges' options margining systems to the accounts of those members which are defined as "proprietary accounts" in the Exchanges' and Commission's net capital rules for two reasons.[1] First, because members make guaranty and capital contributions, generally own or lease seats whose value may be used to meet unsatisfied margin obligations, and because Exchange's scrutinize members' positions for risk in their daily review of pay and collect information, members' positions generally present a lower risk to the solvency of the Exchanges' clearing systems than do the positions of customers. The Exchanges also have represented that they can more easily assess and collect variation margin on a timely basis from members than from customers because of the members' close proximity to the Exchanges and the accessibility of their accounts.

Second, members who are floor traders, as well as other members trading for their personal accounts, are more likely than customers to understand the degree of their exposure to increased demands for margin under the Exchanges' options margining systems and the distribution of risk inherent in those systems. While the Commission believes that individual member and member firm accounts may have the financial and professional characteristics upon which more favorable margin treatment may be based, the Commission does not intend to consider favorably the extension of the options margining systems previously approved for floor traders to those employees of member firms who are not themselves members, but who nonetheless normally would be reflected as proprietary accounts on the members' financial statements,[2] nor to the positions of market professionals which are not defined as proprietary by the net capital rules.

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List of Subjects in 17 CFR Part 33

Commodity options, Commodity futures.

Issued in Washington, D.C., on October 26, 1983 by the Commission.

Jean A. Webb,
Deputy Secretary of the Commission.

[FR Doc. 83-29801 Filed 10-28-83; 8:45 am]
BILLING CODE 6351-01-M

[1] Commission regulation § 1.17(b)(3) defines "proprietary account" to mean: "a commodity futures or options account carried on the books of the applicant or registrant for the applicant or registrant itself, or for general partners in the applicant or registrant." Thus for purposes of reviewing proposed Exchange rules submitted in response to this interpretation, the Commission will use a more restrictive definition of proprietary account than that found in Commission regulation § 1.3(y).

[2] Accordingly, all accounts which may be identified pursuant to Commission regulation § 1.35(e) with customer type indicators as "house" accounts will not necessarily be entitled to options margin treatment as floor traders.

DEPARTMENT OF ENERGY

Federal Energy Regulatory Commission

18 CFR Part 282

[Docket No. RM79-14]

Natural Gas Policy Act; Incremental Pricing; Acquisition Cost Thresholds

AGENCY: Federal Energy Regulatory Commission, DOE.

ACTION: Order prescribing incremental pricing thresholds.

SUMMARY: The Director of the Office of Pipeline and Producer Regulation is issuing the incremental pricing acquisition cost thresholds prescribed by Title II of the Natural Gas Policy Act and 18 CFR 282.304. The Act requires the Commission to compute and publish the threshold prices before the beginning of each month for which the figures apply. Any cost of natural gas above the applicable threshold is considered to be an incremental gas cost subject to incremental pricing surcharging.

EFFECTIVE DATE: November 1, 1983.

FOR FURTHER INFORMATION CONTACT: Kenneth A. Williams, Federal Energy Regulatory Commission, 825 N. Capitol Street, NE., Washington, D.C. 20426, (202) 357-8500.

Issued October 25, 1983.

Order of the Director, OPPR

Section 203 of the NGPA requires that the Commission compute and make available incremental pricing acquisition cost threshold prices prescribed in Title II before the beginning of any month for which such figures apply.

Pursuant to that mandate and pursuant to § 375.307(1) of the Commission's regulations, delegating the publication of such prices to the Director of the Office of Pipeline and Producer Regulation, the incremental pricing acquisition cost threshold prices for the month of November 1983 is issued by the publication of a price table for the applicable month. See FERC Statutes and Regulations ¶24,764.

List of subjects in 18 CFR Part 282

Natural gas.

Kenneth A. Williams,

Director, Office of Pipeline and Producer Regulation.

TABLE I—INCREMENTAL PRICING ACQUISITION COST THRESHOLD PRICES

CALENDAR YEAR 1980

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Incremental Pricing Threshold	$1.702	$1.738	$1.750	$1.762	$1.776	$1.790	$1.804	$1.819	$1.834	$1.849	$1.863	$1.877
NGPA Section 102 Threshold	2.358	2.381	2.404	2.428	2.453	2.478	2.504	2.532	2.560	2.588	2.614	2.640
NGPA Section 109 Threshold	1.786	1.799	1.812	1.825	1.839	1.853	1.867	1.883	1.899	1.915	1.929	1.943
130 Percent of No. 2 Fuel Oil in New York City Threshold	7.170	7.260	7.410	7.110	7.380	6.040	7.840	7.380	7.400	7.400	7.450	7.560

CALENDAR YEAR 1981

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Incremental Pricing Threshold	$1.891	$1.908	$1.925	$1.942	$1.954	$1.967	$1.980	$1.990	$2.000	$2.010	$2.025	$2.041
NGPA Section 102 Threshold	2.667	2.698	2.729	2.761	2.787	2.813	2.840	2.863	2.886	2.909	2.940	2.971
NGPA Section 109 Threshold	1.957	1.975	1.993	2.011	2.024	2.037	2.050	2.060	2.070	2.080	2.096	2.112
130 Percent of No. 2 Fuel Oil in New York City Threshold	7.610	7.760	8.260	9.010	9.510	9.430	9.360	9.260	8.860	8.700	8.930	8.990

CALENDAR YEAR 1982

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Incremental Pricing Threshold	$2.057	$2.071	$2.085	$2.099	$2.106	$2.113	$2.120	$2.129	$2.139	$2.149	$2.159	$2.169
NGPA Section 102 Threshold	3.003	3.033	3.063	3.093	3.112	3.132	3.152	3.176	3.200	3.224	3.249	3.274
NGPA Section 109 Threshold	2.128	2.143	2.158	2.173	2.180	2.187	2.194	2.204	2.214	2.224	2.234	2.244
130 Percent of No. 2 Fuel Oil in New York City Threshold	9.180	9.340	9.470	9.340	9.280	6.000	8.170	8.670	8.660	8.950	8.640	8.890

CALENDAR YEAR 1983

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Incremental Pricing Threshold	$2.179	$2.187	$2.195	$2.203	$2.214	$2.225	$2.236	$2.245	$2.254	$2.263	$2.270	$
NGPA Section 102 Threshold	3.299	3.321	3.344	3.367	3.394	3.421	3.448	3.472	3.496	3.520	3.542	
NGPA Section 109 Threshold	2.254	2.262	2.270	2.278	2.289	2.300	2.311	2.320	2.329	2.338	2.345	
130 Percent of No. 2 Fuel oil in New York City Threshold	9.420	9.320	8.820	8.120	7.550	6.950	7.540	7.610	7.440	7.550	7.670	

[FR Doc. 83-29404 Filed 10-28-83; 8:45 am]

BILLING CODE 6717-01-M

DEPARTMENT OF THE TREASURY

Customs Service

19 CFR Parts 4 and 10

[T.D 83-214]

Customs Regulations Amendments Relating to the Vessel Documentation Act; Correction

AGENCY: Customs Service, Treasury.

ACTION: Final rule; correction.

SUMMARY: This document corrects an error in a document which clarified the documentation procedure for U.S. vessels engaged in various trades and defined clearly the types of supplies and equipment for vessels which are exempt from the payment of Customs duties and internal revenue taxes. The document was published in the **Federal Register** on Thursday, October 13, 1983 (48 FR 46510).

FOR FURTHER INFORMATION CONTACT: Harold Singer, Carriers, Drawback and Bonds Division, U.S. Customs Service, 1301 Constitution Avenue, NW., Washington, D.C. 20229 (202-566-5706).

SUPPLEMENTARY INFORMATION:

Background

In FR Doc. 83-27827, appearing at page 46510, in the issue of October 13, 1983, on page 46514, item 27, under the heading for § 4.96, erroneously amended Part 4, Customs Regulations (19 CFR Part 4), by removing § 4.96(h). The correct section to be removed was § 4.96(i), not § 4.96(h). Thus, the corrected listing for § 4.96 should be as follows:

§ 4.96 [Amended]

27. Part 4 is further amended by removing § 4.96(i) and footnotes 131b and 132c.

Dated: October 21, 1983.

B. James Fritz,

Director, Regulations Control and Disclosure Law Division.

[FR Doc. 83-29491 Filed 10-28-83; 8:45 am]

BILLING CODE 4820-02-M

DEPARTMENT OF HEALTH AND HUMAN SERVICES

Social Security Administration

20 CFR Part 404

Federal Old-Age, Survivors, and Disability Insurance Benefits; Repeal of Minimum Benefit Provision and Rounding of Benefits

Correction

In FR Doc. 83-27098 beginning on page 46142 in the issue of Tuesday, October 11, 1983, make the following correction:

Appendix III—[Corrected]

On page 46143, column three, Appendix III—Benefit Table, line four, "died" should appear after "who".

BILLING CODE 1505-01-M

Food and Drug Administration

21 CFR Part 81

[Docket No. 76N-0366]

Provisional Listing of D&C Red No. 19 and D&C Red No. 37 for Use in Externally Applied Drugs and Cosmetics; Postponement of Closing Date

AGENCY: Food and Drug Administration.

ACTION: Final rule.

SUMMARY: The Food and Drug Administration (FDA) is postponing the closing date for the provisional listing of D&C Red No. 19 and D&C Red No. 37 for use as color additives in externally applied drugs and cosmetics. The new closing date will be December 2, 1983. This postponement will provide additional time for determining the applicability of the statutory standard for the listing of noningested color additives to the results of the scientific investigations of D&C Red No. 19 and D&C Red No. 37.

DATES: Effective October 31, 1983, the new closing date for D&C Red No. 19 and D&C Red No. 37 will be December 2, 1983.

FOR FURTHER INFORMATION CONTACT: Andrew D. Laumbach, Bureau of Foods (HFF-334), Food and Drug Administration, 200 C St. SW., Washington, DC 20204, 202-472-5690.

SUPPLEMENTARY INFORMATION: FDA established the current closing date of October 31, 1983, for the provisional listing of D&C Red No. 19 and D&C Red No. 37 for use in externally applied drugs and cosmetics by a rule published in the **Federal Register** of August 26, 1983 (48 FR 38814). The agency had previously extended the closing date for these color additives on several occasions. (See 48 FR 38814 for a full procedural history of this matter.)

The agency extended the closing date on these occasions to permit it to consider the scientific and legal aspects of the submissions by the petitioner, the Cosmetic, Toiletry and Fragrance Association, Inc., in support of the safety of the external uses of these color additives. Although D&C Red No. 19 and D&C Red No. 37 have been shown to be animal carcinogens upon ingestion, the agency believes that somewhat different questions are raised by the request to list these color additives for noningested use. It has taken more time to evaluate the data involved in resolving these questions than the agency anticipated. FDA finds that it still needs additional time to determine the applicability of the statutory standard for the listing of color additives for noningested use to D&C Red No. 19 and D&C Red No. 37. The regulations set forth below will postpone the October 31, 1983 closing date for the provisionally listed uses until December 2, 1983. This postponement will also provide additional time for the agency to prepare and to publish a **Federal Register** document setting forth its final decision on the petition for the permanent listing of these color additives for external use. The continued use of these color additives in externally applied products for the short time needed for adequate evaluation of the data and for preparation of the **Federal Register** document will not pose a hazard to the public health.

Because of the short time until the October 31, 1983 closing date, FDA concludes that notice and public procedure on these amendments are impracticable, and that good cause exists for issuing the postponement as a final rule. This final rule will permit the uninterrupted use of these color additives until December 2, 1983. To prevent any interruption in the provisional listing of D&C Red No. 19 and D&C Red No. 37 and in accordance with 5 U.S.C. 553(d) (1) and (3), this final rule is being made effective October 31, 1983.

List of Subjects in 21 CFR Part 81

Color additives, Color additives provisional list, Cosmetics, Drugs.

Therefore, under the Federal Food, Drug, and Cosmetic Act (secs. 701, 706 (b), (c), and (d), 52 Stat. 1055-1056 as amended, 74 Stat. 399-403 (21 U.S.C. 371, 376 (b), (c), and (d))) and under the transitional provisions of the Color Additive Amendments of 1960 (Title II, Pub. L. 86-618; sec. 203, 74 Stat. 404-407 (21 U.S.C. 376, note)) and under authority delegated to the Commissioner of Food and Drugs (21 CFR 5.10), Part 81 is amended as follows:

PART 81—GENERAL SPECIFICATIONS AND GENERAL RESTRICTIONS FOR PROVISIONAL COLOR ADDITIVES FOR USE IN FOODS, DRUGS, AND COSMETICS

§ 81.1 [Amended]

1. In § 81.1 *Provisional lists of color additives*, by revising the closing date for "D&C Red No. 19" and "D&C Red No. 37" in paragraph (b) to read "December 2, 1983."

§ 81.27 [Amended]

2. In § 81.27 *Conditions of provisional listing*, by revising the closing date for "D&C Red No. 19" and "D&C Red No. 37" in paragraph (d) to read "December 2, 1983."

Effective date. This final rule shall be effective October 31, 1983.

(Secs. 701, 706 (b), (c), and (d), 52 Stat. 1055-1056 as amended, 74 Stat. 399-403 (21 U.S.C. 371, 376 (b), (c), and (d)); sec. 203, 74 Stat. 404-407 (21 U.S.C. 376, note))

Dated: October 20, 1983.

William F. Randolph,

Acting Associate Commissioner for Regulatory Affairs.

[FR Doc. 83-29464 Filed 10-28-83; 8:45 am]

BILLING CODE 4160-01-M

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21 CFR Part 177

[Docket No. 80F-0312]

Indirect Food Additives; Polymers; Correction

AGENCY: Food and Drug Administration.

ACTION: Final rule; correction.

SUMMARY: The Food and Drug Administration (FDA) is correcting a document that amended the food additive regulations to provide for the safe use of vinylidene chloride/methyl acrylate copolymers as articles or components of articles in contact with

food. FDA is correcting the regulation by inserting a word that was omitted and by correcting the references to degrees Celsius that are incorrect.

EFFECTIVE DATE: August 25, 1983.

FOR FURTHER INFORMATION CONTACT: Mary W. Lipien, Bureau of Foods (HFF-334), Food and Drug Administration, 200 C St. SW., Washington, D.C. 20204, 202-472-5740.

SUPPLEMENTARY INFORMATION: In FR Doc. 83-23281 appearing at page 38604 in the issue for Thursday, August 25, 1983, the following corrections are made on page 38605 under § 177.1990 *Vinylidene chloride/methyl acrylate copolymers:*

§ 177.1990 [Corrected]

1. In the second column in paragraph (c)(2), first line, the word "weight" is inserted between the words "The" and "average".

2. In the third column:

a. In paragraph (d)(1), the third line, "157° C" is corrected to read "121° C"; and in the fifth line, "101° C" is corrected to read "66° C".

b. In paragraph (d)(2), third line, "157° C" is corrected to read "121° C".

c. In paragraph (e), last line, "157 C" is corrected to read "121 C".

Dated: October 17, 1983.

Richard J. Rank,

Acting Director, Bureau of Foods.

[FR Doc. 83-29463 Filed 10-28-83; 8:45 a.m.]

BILLING CODE 4160-01-M

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21 CFR Parts 211, 700, and 800

[Docket Nos. 82N-0330 and 82N-0332]

Tamper-Resistant Packaging Requirements; Interim Stay of Retail Level Date; Correction

Correction

In FR Doc. 83-28095 appearing on page 46979 in the issue of Monday, October 17, 1983, make the following correction: In column one, **SUMMARY,** line eighteen, "initial" should read "interim" and in line nineteen "interim" should read "initial".

BILLING CODE 1505-01-M

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21 CFR Part 520

Oral Dosage Form New Animal Drugs Not Subject To Certification; Diethylcarbamazine Citrate Capsules

Correction

In FR Doc. 83-28096 appearing on page 46979 in the issue of Monday, October 17, 1983, make the following correction: In column two, **SUPPLEMENTARY INFORMATION,** line four, "12.5-, 200-, and 400-milligram" should read "12.5-, 50-, 200-, and 400-milligram".

BILLING CODE 1505-01-M

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21 CFR Part 558

New Animal Drugs for Use in Animal Feeds; Monensin; Correction

AGENCY: Food and Drug Administration.

ACTION: Final rule; correction.

SUMMARY: The Food and Drug Administration (FDA) is correcting a document that amended the monensin regulation to provide additional labeling statements for use of monensin in cattle feeds. The regulation fails to reflect properly that this medicated feed can now be administered to pasture cattle, including dairy and beef cattle replacement heifers. This document corrects that error.

EFFECTIVE DATE: September 28, 1983.

FOR FURTHER INFORMATION CONTACT: Jack C. Taylor, Bureau of Veterinary Medicine (HFV-126), Food and Drug Administration, 5600 Fishers Lane, Rockville, MD 20857, 301-443-5247.

SUPPLEMENTARY INFORMATION:

§ 558.355 [Corrected]

In FR Doc. 83-26338 appearing at page 44204 in the **Federal Register** of Wednesday, September 28, 1983, the following correction is made on page 44204 in in § 558.355 *Monensin:* The first sentence in paragraph (f)(3)(iii)(*b*) is revised to read "Feed to pasture cattle (slaughter, stocker, feeder, and dairy and beef replacement heifers) weighing more than 400 pounds."

Dated: October 24, 1983.

Max L. Crandall,

Associate Director for Surveillance & Compliance.

[FR Doc. 83-29462 Filed 10-28-83; 8:45 am]

BILLING CODE 4160-01-M

ENVIRONMENTAL PROTECTION AGENCY

40 CFR Part 52

[Docket No. NH 1343; A-1-FRL 2461-3]

Approval and Promulgation of Implementation Plans, New Hampshire; VOC Regulation Revisions

AGENCY: Environmental Protection Agency (EPA).

ACTION: Final rule.

SUMMARY: EPA is approving State Implementation Plan revisions submitted by the State of New Hampshire. These revisions control emissions from major sources of volatile organic compounds (VOCs). The intended effect of this action is to satisfy requirements for non-attainment areas as required under Section 172(b)(2) of the Clean Air Act.

EFFECTIVE DATE: November 30, 1983.

ADDRESSES: Copies of the submittal are available for public inspection at Room 2111, JFK Federal Building, Boston, MA 02203; Public Information Reference Unit, EPA Library, 401 M Street, SW, Washington, D.C. 20460; Office of the Federal Register, 1100 L Street, NW, Room 8401, Washington, D.C. 20408; and the Air Resources Agency, Health and Welfare Bldg., Hazen Drive, Concord, NH 03301.

FOR FURTHER INFORMATION CONTACT: Betsy Horne, (617) 223-5130.

SUPPLEMENTARY INFORMATION: On April 29, 1983, (48 FR 19417), EPA published a Notice of Proposed Rulemaking (NPR) for revisions to New Hampshire's regulation to control emissions of VOCs.

This action involves three regulatory changes:

1. "Equivalent" is defined to include "solids-applied basis" for calculating compliance with EPA's procedures for controlling emissions of VOCs.

2. The date for compliance schedule extensions has been changed from December 31, 1987 to July 1, 1985.

3. The miscellaneous metal parts regulation is now approvable based on the change indicated in 1. above.

The revisions and the rationale for EPA's proposed approval are explained in detail in that NPR and will not be restated here. No public comments were received on the NPR.

Final Action

EPA is approving the amendments to Air 1204.02(c) and 1204.21(j) submitted on August 9, 1983 and an amendment to Air 1204.17 submitted on August 17, 1981.

The Office of Management and Budget has exempted this rule from the requirements of Section 3 of Executive Order 12291.

Under Section 307(b)(1) of the Act, petitions for judicial review of this action must be filed in the United States Court of Appeals for the appropriate circuit by (60 days from today). This action may not be challenged later in proceedings to enforce its requirements. (See 307(b)(2).)

List of Subjects in 40 CFR Part 52

Air pollution control, Ozone, Sulfur oxides, Nitrogen dioxide, Lead,

Particulate matter, Carbon monoxide, Hydrocarbons, and Intergovernmental relations, Incorporation by reference.

Authority: Sections 110(a) and 301(a), Clean Air Act, as amended (42 U.S.C. 7410(a) and 7601(a)).

Note.—Incorporation by reference of the State Implementation Plan for the State of New Hampshire was approved by the Director of the **Federal Register** on July 1, 1982.

Dated: October 21, 1983.

William D. Ruckelshaus,

Administrator.

PART 52—[AMENDED]

Part 52 of Chapter I, Title 40 of the Code of Federal Regulations, is amended as follows:

Subpart EE—New Hampshire

1. Section 52.1520, paragraph (c) is amended by adding paragraph (27) as follows:

§ 52.1520 Identification of plan.

* * * * *

(c) * * *

(27) Amendments to Regulation Air 1204.02(c), defining "equivalent" to include "solids-applied basis" and Air 1204.21(j), altering the maximum time for compliance schedule extensions from December 31, 1987 to July 1, 1985 were submitted on August 9, 1983. An additional regulation, Air 1204.17, "Emission Standards for Miscellaneous Metal Parts and Products" was submitted on August 17, 1981.

§ 52.1522 [Amended]

2. Paragraph (c) of § 52.1522, Approval Status, is removed and reserved.

[FR Doc. 83-29451 Filed 10-28-83; 8:45 am]

BILLING CODE 6560-50-M

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40 CFR Part 52

[A-4-FRL 2461-2; SC-006]

Approval and Promulgation of Implementation Plans; South Carolina; Miscellaneous SIP Revisions

AGENCY: Environmental Protection Agency.

ACTION: Final rule.

SUMMARY: The South Carolina Department of Health and Environmental Control (DHEC) has revised its State Implementation Plan (SIP) by making changes in the definitions and requirements for permitting, monitoring, periodic testing, source testing, and open burning, as well as by making nonsubstantial wording changes in several regulations. EPA is approving these changes since they are consistent with Agency requirements for SIP's.

EFFECTIVE DATE: This action will be effective on December 30, 1983 unless notice is received within 30 days that someone wishes to submit adverse or critical comments.

ADDRESSES: Written comments should be addressed to Denise W. Pack of EPA Region IV's Air Management Branch (see EPA Region IV address below). Copies of the materials submitted may be examined during normal business hours at the following locations:

Public Information Reference Unit, Library Systems Branch, Environmental Protection Agency, 401 M Street, SW., Washington, D.C. 20460;

Air Management Branch, EPA Region IV, 345 Courtland St., NE., Atlanta, Georgia 30365;

Library, Office of the Federal Register, 1100 L Street NW., Room 8401, Washington, D.C. 20005; and

Bureau of Air Quality, South Carolina Department of Health and Environmental Control, 2600 Bull Street, Columbia, South Carolina 29201.

FOR FURTHER INFORMATION CONTACT: Denise W. Pack, EPA Region IV Air Management Branch, 345 Courtland St., NE, Atlanta, Georgia 30365, at 404/881-3286 or FTS 257-3286.

SUPPLEMENTARY INFORMATION: On March 3, May 5, and July 11, 1983 the South Carolina Department of Health and Environmental Control (DHEC) submitted several changes in the regulatory portion of its SIP. DHEC made these changes to eliminate inconsistencies in the SIP and to make the SIP comply with Federal regulations. The revisions being approved today are as follows:

Regulation 62.1, Definitions, Permit Requirements and Emission Inventory

(a) Section I: Definitions, was revised by adding the terms and definitions of emission data, fugitive emissions, major plant, plant, potential to emit, secondary emissions, stationary source.

(b) Exemptions were added to Section II: Permit Requirements, excluding from permit requirements process sources having both process weight rates less than 0.05 tons per year (TPY) and emission rates no greater than 0.55 lbs/hr and Volatile Organic Compound (VOC) sources having both process weights less than 0.05 TPY and emission rates of less 1000 lbs/mo.

(c) Permit requirements under Section II were also expanded to include requirements for obtaining an operating permit, for transferring an operating permit, and for source inspection prior to issuance or renewal of an operating permit.

(d) Section III: Emission Inventory, was added. This requires the annual review of emission inventories of all major plants and specifies confidentiality requirements.

Regulation 62.2: Open Burning

The restriction on practice burning was deleted and limitations were added on open burning for purposes of destroying trade waste.

Regulation 62.5: Air Pollution Control Standards

(a) Added to Section IV, Standard No. 1: Emission from Fuel Burning Operations, was a requirement for monitoring opacities of woodwaste boilers.

(b) Section VI was added to Standard No. 1. This requires fuel burning operations to demonstrate compliance through periodic testing.

(c) Section VII was added to Standard No. 1 to specify how tests required in Section VI are to be performed.

(d) The note "F=effect factor" was added to the Process Weight Equation in Section VI, Standard No. 4.

(e) Section IX was added to Standard No. 4 to require the semi-annual testing of particulates and/or sulfur oxides from certain process sources.

(f) Section X was added to Standard No. 4 to specify the procedures to be followed in the tests designated in Section IX.

In addition nonsubstantial word changes were made in Regulation 62.3: Emergency Episode; Regulation 62.5, Standard No. I: Emission from Fuel Burning Sources: Standard No. 5: Volatile Organic Compounds and Standard No. 6: Alternative Emission Limiting Options.

Action

EPA has reviewed these revisions and determined that they comply with applicable Federal requirements. Therefore, EPA is announcing approval of the miscellaneous changes submitted by DHEC.

This action is being taken without prior proposal because the South Carolina regulation changes are noncontroversial and EPA anticipates no comments on them. The public should be advised that this action will be effective 60 days from the date of this **Federal Register** notice. However, if notice is received within 30 days that someone wishes to submit adverse or critical comments, this action will be

withdrawn and two subsequent notices will be published before the effective date. One notice will withdraw the final action and another will begin a new rulemaking by announcing a proposal of the action and establishing a comment period.

The Office of Management and Budget has exempted this rule from the requirements is Section 3 of Executive Order 12291.

Under 5 U.S.C. Section 605(b), the Administrator has certified that SIP approvals do not have a significant economic impact on a substantial number of small entities. (See 46 FR 8709.)

Under Section 307(b)(1) of the Act, petitions for judicial review of this action must be filed in the United States Court of Appeals for the appropriate circuit by December 30, 1983. This action may not be challenged later in proceedings to enforce its requirements. (See 307(b)(2).)

Note—Incorporation by reference of the South Carolina State Implementation Plan was approved by the Director of the Federal Register on July 1, 1982.

List of Subjects in 40 CFR Part 52

Air pollution control, Intergovernmental relations, Ozone, Sulfur oxides, Nitrogen dioxide, Lead, Particulate matter, Carbon monoxide, Hydrocarbons, Incorporation by reference.

(Sec. 110, Clean Air Act (42 U.S.C. 7410))

Dated: October 24, 1983.

William D. Ruckelshaus,

Administrator.

PART 52—[AMENDED]

Part 52 of Chapter I, Title 40, Code of Federal Regulations, is amended as follows:

Subpart PP—South Carolina

In § 52.2120, paragraph (c) is amended by adding paragraph (26) as follows:

§ 52.2120 Identification of plan.

* * * * *

(c) The plan revisions listed below were submitted on the dates specified.

* * *

(26) Changes in Regulations 62.2, 62.3, and 62.5, submitted on March 3, May 5, and July 11, 1983 by the South Carolina Department of Health and Environmental Control.

[FR Doc. 83-29449 Filed 10-28-83; 8:45 am]

BILLING CODE 6560-50-M

40 CFR Part 52

[TN-009; A-4-FRL 2460-5]

Approval and Promulgation of Implementation Plans; Tennessee; Prevention of Significant Deterioration, New Source Review in Nonattainment Areas, and Miscellaneous Regulations for Nashville/Davidson County

AGENCY: Environmental Protection Agency.

ACTION: Final rule.

SUMMARY: EPA is today approving regulations adopted by the Nashville-Davidson County Metropolitan Health Department (Metro) to meet EPA's requirements for the prevention of significant air quality deterioration (PSD), new source review in nonattainment areas (NSR), good engineering practice (GEP) stack height, control of volatile organic compounds (VOC), and an equivalent opacity standard for a source. All these regulations or actions apply to Davidson County, Tennessee or sources located there. EPA is approving the above revisions on condition that changes be made in the GEP stack height and NSR regulations. The effect of this action will be to allow Metro to be responsible for the PSD, NSR, and GEP stack height requirements in Davidson County. In addition, Metro's submitted regulations will control emissions from certain VOC sources, and allow an equivalent opacity standard for a source (Ford Motor Company plant) in Davidson County.

DATE: This action is effective November 30, 1983.

ADDRESSES: Copies of the materials submitted to Tennessee may be examined during normal business hours at the following locations:

Public Information Reference Unit, Library Systems Branch, Environmental Protection Agency, 401 M Street SW., Washington, D.C. 20460

Library, Office of the Federal Register, 1100 L Street NW., Room 8401, Washington, D.C. 20005

Environmental Protection Agency, Region IV, Air Management Branch, 345 Courtland Street NE., Atlanta, Georgia 30365

Tennessee Air Pollution Control Division, 150 9th Avenue North, Nashville, Tennessee 37203

Air Pollution Control Division, Metropolitan Health Department, Nashville-Davidson County, 311 23rd Avenue, North, Nashville, Tennessee 37203

FOR FURTHER INFORMATION CONTACT: Mr. Raymond S. Gregory, EPA Region IV's Air Management Branch, at the above address, telephone 404/881-3286 (FTS 257-3286).

SUPPLEMENTARY INFORMATION: In the May 3, 1983, **Federal Register** (48 FR 19898), EPA proposed conditional approval of several regulations adopted by Metro and announced a 30-day public comment period. No comments were received. A discussion of the regulations being approved follows (a more detailed discussion can be found in the proposal notice).

Metro submitted regulations or supplemental information to comply with EPA's requirements for PSD, NSR, GEP stack height, and control of certain sources of VOC on October 9, 1981, June 3, September 1, October 22, and November 22, 1982. An equivalent opacity standard for two emission points at a Ford Motor Company plant was included in the June 3, 1982, submittal.

There are two areas within the NSR and GEP stack height regulations which do not meet EPA requirements and for which conditional approval is being given. During EPA's review of the NSR revisions, an issue surfaced concerning the approvability of allowing offset credits for source shutdowns for other than replacement units. EPA is conditionally approving Metro's NSR revisions to allow for submittal of conforming amendments within twelve months from the date of conditional approval. If the twelve-month period expires and EPA is in the process of revising the new source review requirements, but has not finalized the changes, the Administrator can extend the deadline specified for corrective submittal.

The regulation adopted by Metro for GEP stack heights is approvable except for the lack of definitions of "nearby" and "excessive concentration," and a provision required (40 CFR 51.18(e)) for notification of the public of the availability of certain fluid model demonstration studies and for providing an opportunity for public hearing for the same. EPA is conditionally approving the GEP regulation on the condition that Metro adopt the required definitions and the provision for required public notice and opportunity for public hearing, and submit them to EPA by [12 months from publication date].

Action

EPA has reviewed the submitted revisions and found them to meet present EPA requirements except in the two areas noted.

EPA is today approving the Nashville-Davidson County NSR and GEP stack height regulation on condition that the State submit the necessary conforming amendments by [12 months from date of publication] and, in the interim, implement these regulations in a manner consistent with EPA requirements. Also, EPA is today approving the revisions by Metro for PSD, control of VOC and the equivalent opacity standard for Ford Motor Company.

Under Section 307(b)(1) lof the Act, petitions for judicial review of this action must be filed in the United States Court of Appeals for the appropriate circuit by (60 days from today). This action may not be challenged later in proceedings to enforce its requirements. (See Section 307(b)(2).)

Under Executive Order 12291, today's action is not "Major." It has been submitted to the Office of Management and Budget (OMB) for review. Any comments from OMB to EPA and any response are available for public inspection at the EPA Region IV office (see address above).

Incorporation by reference of the Tennessee State Implementation Plan was approved by the Director of the Federal Register on July 1, 1982.

List of Subjects in 40 CFR Part 52

Air pollution control, Intergovernmental relations, Ozone, Sulfur oxides, Nitrogen dioxide, Lead, Particulate matter, Carbon monoxide, Hydrocarbons, Incorporation by reference.

(Secs. 110, 161, and 172 of the Clean Air Act (42 U.S.C. 7410, 7471, and 7502))

Dated: October 24, 1983.

William D. Ruckelshaus,

Administrator.

Part 52 of Chapter I, Title 40, Code of Federal Regulations, is amended as follows:

Subpart RR—Tennessee

1. Section 52.2220 is amended by adding paragraph (55) to paragraph (c) as follows:

§ 52.2220 Identification of plan.

* * * * *

(c) The plan revisions listed below were submitted on the dates specified.

* * *

(55) Nashville-Davidson County regulations for prevention of significant deterioration and for new source review in nonattainment areas, submitted on October 9, 1981 (revised regulation No. 3), June 3 and November 22, 1982 (changes in revised regulation No. 3 and in Chapter Four of the Metropolitan Code of Nashville and Davidson County), and regulations submitted on June 3, 1982, for the control of volatile organic compounds, determination of good engineering practice stack height, and permits for an equivalent opacity standard for Ford Motor Company, by the Tennessee Department of Public Health.

2. Section 52.2228 is amended by adding paragraphs (c) and (d) as follows:

§ 52.2228 Review of new sources and modifications.

* * * * *

(c) *Part D conditional approval.* The Nashville-Davidson County regulation for the review of new sources and modifications in nonattainment areas is approved on condition that the State by October 31, 1984 submit a revision limiting source shutdown credit for offsets to replacement units, and, in the interim, assure implementation of the regulation in conformity with Federal requirements.

(d) *Section 123 conditional approval.* The plan's provision for implementation of the requirements of Section 123 of the Clean Air Act in Nashville-Davidson County is approved on condition that the State by October 31, 1984 submit:

(1) Definitions in the local regulation of "nearby" and "excessive concentration" and

(2) Provision in the local regulation for public notification and opportunity for hearing in cases where stack heights in excess of normal good engineering practice are proposed on the basis of fluid modeling demonstrations, and, in the interim, assure implementation of the local regulation in conformity with Federal requirements.

[FR Doc. 83-29448 Filed 10-28-83; 8:45 am]

BILLING CODE 6560-50-M

DEPARTMENT OF COMMERCE

National Oceanic and Atmospheric Administration

50 CFR Parts 611 and 655

[Docket No. 31025-207]

Foreign Fishing; Atlantic Mackerel, Squid, and Butterfish Fisheries

AGENCY: National Oceanic and Atmospheric Administration (NOAA), Commerce.

ACTION: Rule-related notice of inseason adjustment.

SUMMARY: NOAA issues this notice to allocate 10,166 metric tons (mt) of the 11,000 mt *Loligo* squid reserve to the total allowable level of foreign fishing, with 834 mt remaining in the reserve. This action is required by regulations implementing the Fishery Management Plan for Atlantic Mackerel, Squid, and Butterfish Fisheries. The allocation will encourage achievement of the optimum yield.

EFFECTIVE DATE: October 26, 1983.

FOR FURTHER INFORMATION CONTACT: Salvatore A. Testaverde, 617-281-3600 ext. 273.

SUPPLEMENTARY INFORMATION: Final initial specifications for the Atlantic mackerel, squid, and butterfish fisheries for the fishing year 1983-1984 effective July 18, 1983 (48 FR 33001, July 20, 1983), established a reserve of 11,000 mt of *Loligo* squid. Regulations provide a mechanism to allocate all or part of the reserve to the total allowable level of foreign fishing (TALFF) in October of each year. Sections 611.50(b)(3) and 655.23(a)(1) direct the Regional Director of the Northeast Region, National Marine Fisheries Service (NMFS), in September to project the total domestic harvest for the entire fishing year (April 1 through March 31) by multiplying the domestic catch (exclusive of joint venture harvest) from April through August by a multiplication factor derived from either the previous fishing year or the average annual U.S. *Loligo* landings since 1977, whichever is greater. *Loligo* landings (April 1-August 31, 1983) are 7,423 mt which is multiplied by a factor 1.5, derived from the greater amount, the previous 1982 fishing year landings.

The result is a projected domestic annual harvest of 22,834 mt, including 11,700 mt authorized for joint venture harvest. This amount exceeds the level of domestic harvest by 834 mt. Therefore, 834 mt will be retained in *Loligo* reserve, and the balance of the 11,000 mt reserve i.e., 10,166 mt is allocated to TALFF. The new total for TALFF is 21,166 mt.

This action is taken under the authority of 50 CFR 611.50(b)(3) and 655.23(a)(1), and is taken in compliance with Executive Order 12291.

List of Subjects

50 CFR Part 611

Fish, Fisheries, Foreign relations, Reporting and recordkeeping requirements.

50 CFR Part 655

Fish, Fisheries, Fishing, Reporting and recordkeeping requirements.

(16 U.S.C. 1801 *et seq.*)

Dated: October 25, 1983.

Carmen J. Blondin,

Deputy Assistant Administrator for Fisheries Resource Management, National Marine Fisheries Service.

[FR Doc. 83-29490 Filed 10-28-83; 2:43 pm]

BILLING CODE 3510-22-M

Proposed Rules

Federal Register
Vol. 48, No. 211
Monday, October 31, 1983

This section of the FEDERAL REGISTER contains notices to the public of the proposed issuance of rules and regulations. The purpose of these notices is to give interested persons an opportunity to participate in the rule making prior to the adoption of the final rules.

DEPARTMENT OF AGRICULTURE

Animal and Plant Health Inspection Service

[Docket No. 82-344]

7 CFR Part 301

West Indian Surgarcane Root Borer; Domestic

AGENCY: Animal and Plant Health Inspection Service, USDA.

ACTION: Withdrawal of proposed rule.

SUMMARY: This document withdraws a proposal to establish a quarantine and regulations to restrict the interstate movement of certain articles from certain areas in Florida and from any area in Puerto Rico and the Virgin Islands of the United States because of West Indian sugarcane root borer (root borer). This action is taken because there is no longer a basis for adopting these proposed provisions.

A companion document removes provisions in 7 CFR 318.16 and 318.16a concerning restrictions on the interstate movement of certain articles from Hawaii, Puerto Rico, and the Virgin Islands of the United States because of the root borer; and removes emergency regulations in 7 CFR 331.7 concerning restrictions on the interstate movement of certain articles from Puerto Rico and the Virgin Islands of the United States because of the root borer. The companion document (FR Doc. 83-26307) captioned "West Indian Sugarcane Root Borer" is published in the final rule section of this issue of the **Federal Register.**

DATE: This withdrawal is effective on October 31, 1983.

FOR FURTHER INFORMATION CONTACT: Thomas J. Lanier, Assistant Director, Regulatory Services Staff, Plant Protection and Quarantine, Animal and Plant Health Inspection Service, U.S. Department of Agriculture, Room 643 Federal Building, 6505 Belcrest Road, Hyattsville, MD 20782, (301) 436-8247.

SUPPLEMENTARY INFORMATION: This document withdraws the proposals published in the **Federal Register** on February 8, 1980 and August 8, 1980 (45 FR 8654-8662, 52816-52817), to establish a quarantine and regulations to restrict the interstate movement of certain articles from certain areas in Florida and from any area in Puerto Rico and the Virgin Islands of the United States because of the West Indian sugarcane root borer. For a further discussion of the basis and purpose of the withdrawal of the proposal, see the companion document captioned "West Indian Sugarcane Root Borer" in the final rule section of this issue of the **Federal Register.**

Currently no federal funds are available for root borer regulatory activities relating to Florida, Puerto Rico or the Virgin Islands of the United States. Accordingly, it does not appear that a quarantine and regulations relating to these areas would be effective since the Department would not be able to conduct those activities necessary to update such a quarantine and regulations, and would not be able to take the necessary action to enforce such a quarantine and regulations. Further, Florida is enforcing state regulations which appear to be effective for preventing the spread of the root borer from infested areas in Florida, and recent pest interception records on the interstate movement of listed articles from Puerto Rico and the Virgin Islands of the United States reveal that there is not a significant risk of introducing root borer through the movement of the listed articles from the Virgin Islands of the United States and Puerto Rico into other areas in the United States.

List of Subjects in 7 CFR Part 301

Agricultural commodities, Plant pests, Plants (Agriculture), Quarantine, Transportation, West Indian sugarcane root borer.

Authority: Sec. 8 and 9, 37 Stat. 318, as amended; sec. 105 and 106, 71 Stat. 32, 71 Stat. 33, (7 U.S.C. 161, 162, 150dd, 150ee), 7 CFR §§ 2.17, 2.51, and 371.2.

Done at Washington, D.C. this 22nd day of September 1983.

William F. Helms,
Acting Deputy Administrator, Plant Protection and Quarantine, Animal and Plant Health Inspection Service.

[FR Doc. 83-26308 Filed 10-28-83; 8:45 am]

BILLING CODE 3410-34-M

Food Safety and Inspection Service

9 CFR Parts 307 and 381

[Docket No. Docket No. 82-007W]

Reimbursement for Preparation and Cleanup Time; Withdrawal of Proposal

AGENCY: Food Safety and Inspection Service, USDA.

ACTION: Withdrawal of proposed rule.

SUMMARY: The Food Safety and Inspection Services (FSIS) is withdrawing its proposed rule relating to the reimbursement of preparatory and cleanup activities. The proposed rule would have provided that time up to 15 minutes a day spent by an inspector on certain preparatory and cleanup activities would be treated the same as any other inspection service in determining the cost of overtime and holiday inspection service to be reimbursed by official establishments. This withdrawal action is being taken due to the recent issuance of final regulations by the Office of Personnel Management regarding premium and overtime pay provisions for Federal employees.

EFFECTIVE DATE: October 31, 1983.

FOR FURTHER INFORMATION CONTACT: Mr. Mark Manis, Director, Labor Management Relations Staff, Room 4437, South Agriculture Building, U.S. Department of Agriculture, Food Safety and Inspection Service, Washington, DC 20250, (202) 447-4819.

SUPPLEMENTARY INFORMATION: In the **Federal Register** of May 7, 1982 (47 19701), FSIS proposed to amend the overtime and holiday inspection service sections of the Federal meat and poultry products inspection regulations (9 CFR 307.5 and 381.38). The proposed amendments provided that the performance of compensable preparatory and cleanup activities (up to 15 minutes per day) by slaughter line inspectors would be treated the same as the performance of any other inspection

service for the purposes of determining the cost of overtime and holiday inspection service to be reimbursed by official establishments.

The amendments proposed by FSIS were derived from an agreement negotiated between FSIS and the National Joint Council of Food Inspection Locals, AFGE. This agreement provided that the time involved in the performance of compensable preparatory and cleanup activities will be included in calculating the hours of work of slaughter line inspectors. Other inspectors who, at the time of performing the compensable activities, were acting in the capacity of slaughter line inspectors were also covered by the provisions of the agreement. This agreement was intended to implement decisions by the Comptroller General upholding a determination by the Office of Personnel Management (OPM) that the performance of certain preparatory and cleanup activities by slaughter line inspectors activity and that the time spent on such activities was therefore compensable under the Fair Labor Standards Act (FSIS).

On July 2, 1982, FSIS published a notice in the **Federal Register** (47 FR 28966) extending the comment period on this proposal from July 6, 1982, to August 5, 1982. Also on July 2, 1982, OPM published proposed regulations for the computation of fractional hours of overtime work performed by Federal employees under Title 5, United States Code and the FLSA.

New OPM regulations published on August 15, 1983 (48 FR 36803) specify the procedures to be used for compensating Federal employees for fractional hours of overtime work and for determining whether time spent in preshift and postshift (preparatory and concluding) activities is compensable.

Section 4(f) of the Fair Labor Standards Act, as amended, 29 U.S.C. 204(f), authorizes the Civil Service Commission [1] to administer the FLSA as it pertains to Federal employees. Therefore, OPM determinations relating to matters under the FLSA are binding on the Agency. Since the regulations of OPM establish criteria for determining whether preshift/postshift activities are compensable there is no need for independent regulations of FSIS on the subject. All determinations on the compensation of inspectors for preshift/postshift activities will be made in accordance with the OPM regulations.

Accordingly, FSIS hereby withdraws the proposed rule published in the **Federal Register** on May 7, 1982 (47 FR 19701).

Done at Washington, DC, this 25th day of October, 1983.

Donald L. Houston,

Administrator, Food Safety and Inspection Service.

October 25, 1983.

[FR Doc. 83-29485 Filed 10-28-83; 8:45 am]

BILLING CODE 3410-DM-M

[1] Now Office of Personnel Management.

NUCLEAR REGULATORY COMMISSION

10 CFR Part 50

[Docket No. PRM-50-37]

Lillian McNally; Filing of Petition for Rulemaking

AGENCY: Nuclear Regulatory Commission.

ACTION: Notice of receipt of petition for rulemaking from Lillian McNally.

SUMMARY: The Commission is publishing for public comment this notice of receipt of a petition for rulemaking dated July 6, 1983, which was filed with the Commission by Lillian McNally. The petition was docketed by the Commission on July 8, 1983, and has been assigned Docket No. PRM-50-37. The petitioner subsequently filed a supplement to the petition dated September 20, 1983. The petitioner requests that the Commission amend its regulations to require new standards for levels of deuterium and tritium in water circulated in and around nuclear power plants.

DATE: Comment period expires December 30, 1983. Comments received after this date will be considered if it is practical to do so, but assurance of consideration cannot be given except as to comments received on or before this date.

ADDRESSES: A copy of the petition for rulemaking is available for public inspection in the Commission's Public Document Room, 1717 H Street, NW., Washington, DC. A copy of the petition may be obtained by writing to the Division of Rules and Records, Office of Administration, U.S. Nuclear Regulatory Commission, Washington, DC 20555.

All persons who desire to submit written comments concerning the petition for rulemaking should send their comments to the Secretary of the Commission, U.S. Nuclear Regulatory Commission, Washington, DC 20555, Attention: Docketing and Service Branch.

FOR FURTHER INFORMATION CONTACT: John Philips, Chief, Rules and Procedures Branch, Division of Rules and Records, Office of Administration, U.S. Nuclear Regulatory Commission, Washington, DC 20555, Telephone: 301-492-7086 or Toll Free: 800-368-5642.

SUPPLEMENTARY INFORMATION: The Petitioner asks that new standards be set for all water circulated in and around nuclear power plants. The petitioner specifically proposes, in part, that " * * * water circulated in and around Nuclear Power Plants is not to exceed the natural environmental concentration of Deuterium and Tritium for one year; that * * * one year [later] the concentration shall be limited to less than one part by weight in 10,000 parts; and that the [level] * * * of contaminants shall be reviewed annually thereafter to determine the attainable purity of circulating water." The petitioner requests the limit on deuterium to reduce the formation of tritium from deuterium by neutron absorption.

The petitioner further states that if there are specially designed facilities that can properly contain contaminated or heavy water, these facilities could be exempted from the proposed requirement.

Finally, in support of the specific proposal noted above, the petitioner states that the new standards are requested in the interest of public safety since, according to the petitioner, three incidents are on record where radioactive water was released to the atmosphere and a fourth may also have occurred.

Dated at Washington, DC this 25th day of October 1983.

For the Nuclear Regulatory Commission.

Samuel J. Chilk,

Secretary of the Commission.

[FR Doc. 83-29511 Filed 10-28-83; 8:45 am]

BILLING CODE 7590-01-M

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

[Docket No. 83-NM-87-AD]

Airworthiness Directives; Airbus Industrie Model A300 B2-1A, B2-1C, B4-2C, B2K-3C, B4-103, B2-203 and B4-203 Series Airplanes

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Notice of proposed rulemaking (NPRM).

SUMMARY: This notice proposes an airworthiness directive (AD) that would require replacement of certain components of the slat and flap transmission systems on the Airbus Industrie Model A300 B2 and B4 series airplaqes. At least 13 cases of failures in these transmission systems have been reported. These failures create nonoperative slats or flaps which can lead to asymmetrical deployment of flight control surfaces, compromising the controllability of the airplane.

DATES: Comments must be received no later than December 16, 1983.

ADDRESSES: The applicable service information maybe obtained from Airbus Industrie, Airbus Support Division, Avenue Didier Daurat, 31700 Blagnac, France or may also be examined at the address shown below.

FOR FURTHER INFORMATION CONTACT: Mr. Sulmo Mariano, Foreign Aircraft Certification Branch, ANM-150S, Seattle Aircraft Certification Office, FAA, Northwest Mountain Region, 9010 East Marginal Way South, Seattle, Washington, telephone (206) 431-2979. Mailing address: FAA, Northwest Mountain Region, 17900 Pacific Highway South, C-68966, Seattle, Washington 98168.

SUPPLEMENTARY INFORMATION:

Comments Invited

Interested persons are invited to participate in the making of the proposed rule by submitting such written data, views, or arguments as they may desire. Communications should identify the regulatory docket and be submitted in duplicate to the address specified below. All communications received on or before the closing date for comments specified above will be considered by the Administrator before taking action on the proposed rule. The proposals contained in this notice may be changed in the light of comments received. All comments submitted will be available, both before and after the closing date for comments, in the Rules Docket for examination by interested persons. A report summarizing each FAA-public contact concerned with the substance of this proposal will be filed in the Rules Docket.

Availability of NPRM

Any person may obtain a copy of this Notice of Proposed Rulemaking (NPRM) by submitting a request to the FAA, Northwest Mountain Region, Office of the Regional Counsel, Attention: Airworthiness Rules Docket No. 83-NM-87-AD, 17900 Pacific Highway South, C-68966, Seattle, Washington 98168.

Discussion

The Direction General de l'Aviation Civile (DGAC), the civil air authority of France, the country of manufacture for the Airbus Industrie Model A300, has classified certain Airbus Industrie (AI) and Lucas Aerospace (LA) service bulletins as mandatory.

These service bulletins specify actions necessary to solve the following service difficulties on the flap and slat transmission systems:

A. Five cases of fatigue failures of bolts on Hookes universal joints of the slat system have been reported. To avoid failures of the universal joints, the bolts installed on the Hookes universal joints must be replaced by new properly torqued bolts of the same type.

B. Four cases of fatigue failure of bolts on the flap control system Hookes universal joints have been reported. To prevent failure of the flap control system, the bolts installed on Hookes universal joints should be replaced by new properly torqued bolts of the same type.

C. Four cases of failures of Halo type universal joints on the leading edge slat control linkages have been reported. The cause of the failure was premature wear of the inner bushes of the universal joints. This wear causes a significant play between fork ends, pivot pins, and fork end holes which results in fork end failure. Replacement of the Halo universal joints is prescribed.

Based on this service history, Airbus Industrie has issued service bulletins A300-27-101, A300-27-151, A300-27-158, and A300-27-159; and Lucas Aerospace has issued service bulletins 704-27-599, 704-27-602, and 722-27-1053. The DGAC has classified these service bulletins as mandatory.

This airplane model is manufactured in France and type certificated in the United States under the provisions of § 21.29 of the Federal Aviation Regulations and the applicable airworthiness bilateral agreement.

Since these conditions are likely to exist or develop on airplanes of this model registered in the United States, an AD is proposed that would require accomplishment of the actions described above. Failure of these components of slat and flap transmission systems on these airplanes can lead to asymmetrical deployment of flight control surfaces and possible loss of control of the aircraft.

It is estimated that 26 U.S. registered airplanes would be affected by this AD, that it would take approximately 65 manhours per airplane to accomplish the required action, and that the average labor cost would be $40 per manhour. Repair parts are estimated at $2,000 per airplane. Based on these figures, the total cost impact of this AD to the U.S. operator is estimated to be $119,600. For these reasons, the proposed rule is not considered to be a major rule under the criteria of Executive Order 12291. No small entities within the meaning of the Regulatory Flexibility Act would be affected.

List of Subjects in 14 CFR Part 39

Aviation safety, Aircraft.

The Proposed Amendment

Accordingly, the Federal Aviation Administration proposes to amend § 39.13 of Part 39 of the Federal Aviation Regulations (14 CFR 39.13) by adding the following new Airworthiness Directive:

Airbus Industrie: Applies to model A300 B2 and B4 series airplanes, certificated in all categories. To prevent failure of the flap and slat control linkages, within 120 days after the effective date of this AD or upon reaching the landing thresholds specified in the service bulletins, whichever occurs later, accomplish the following, unless previously accomplished:

A. Inspect, repair, and modify, as necessary, the slat and flap linkages in accordance with the service bulletins listed below:

Airbus Industrie A300-27-159, Revision 4, dated December 20, 1982,
Airbus Industrie A300-27-159, Revision 2, dated December 20, 1982,
Airbus Industrie A300-27-158, Revision 1, dated March 9, 1982,
Airbus Industrie A300-27-101, Revision 2, dated March 2, 1982,
Lucas Aerospace 704-27-599, Revision 1, dated September 25, 1981,
Lucas Aerospace 704-27-1053, Revision 1, dated October 11, 1982, and
Lucas Aerospace 704-27-602, Revision 1, dated November 27, 1981.

B. Alternate means of compliance which provide an equivalent level of safety may be used when approved by the Manager, Seattle Aircraft Certification Office, FAA, Northwest Mountain Region.

C. Special flight permits may be issued in accordance with FAR 21.197 and 21.199 to operate airplanes to a base for the accomplishment of inspections and/or modifications required by this AD.

(Sec. 313(a), 314(a), 601 through 610, and 1102 of the Federal Aviation Act of 1958 (49 U.S.C. 1354(a), 1421 through 1430, and 1502); 49 U.S.C. 106(g) (Revised, Pub. L. 97-449, January 12, 1983); and 14 CFR 11.85)

Note.—For the reasons discussed earlier in the preamble, the FAA has determined that this document (1) Involves a proposed regulation which is not major under Executive Order 12291 and (2) is not a significant rule pursuant to the Department of Transportation Regulatory Policies and Procedures (44 FR 11034; February 26, 1979); and it is certified under the criteria of the

Regulatory Flexibility Act that this proposed rule, if promulgated, will not have a significant economic impact on a substantial number of small entities. A regulatory evaluation has been prepared and has been placed in the public docket.

Issued in Seattle, Washington on October 17, 1983.

Wayne J. Barlow,

Acting Director, Northwest Mountain Region.

[FR Doc. 83-29499 Filed 10-28-83; 8:45 am]

BILLING CODE 4910-13-M

DEPARTMENT OF ENERGY

Federal Energy Regulatory Commission

18 CFR Part 271

[Docket No. RM79-76-174 (Colorado-33)]

Natural Gas Policy Act; High-Cost Gas Produced from Tight Formations; Colorado

AGENCY: Federal Energy Regulatory Commission.

ACTION: Notice of proposed rulemaking.

SUMMARY: The Federal Energy Regulatory Commission is authorized by section 107(c)(5) of the Natural Gas Policy Act of 1978, 15 U.S.C. 3301-3432 (Supp V. 1981), to designate certain types of natural gas as high-cost gas where the Commission determines that the gas is produced under conditions which present extraordinary risks or costs. Under section 107(c)(5), the Commission issued a final regulation designating natural gas produced from tight formations as high-cost gas which may receive an incentive price (18 CFR 271.703 (1983). This rule established procedures for jurisdictional agencies to submit to the Commission recommendations of areas for designation as tight formations. This Notice of Proposed Rulemaking by the Director of the Office of Pipeline and Producer Regulation contains the recommendation of the State of Colorado that the Shannon Formation be designated as a tight formation under § 271.703(d).

DATE: Comments on the proposed rule are due on December 9, 1983.

Public Hearing: No public hearing is scheduled in this docket as yet. Written request for a public hearing are due on November 9, 1983.

ADDRESS: Comments and request for hearing must be filed with the Office of the Secretary, 825 North Capitol Street, NE., Washington, D.C. 20426.

FOR FURTHER INFORMATION CONTACT: Leslie Lawner, (202) 357-8511, or Victor Zabel, (202) 357-8616.

Issued October 25, 1983

I. Background

On January 10, 1983, the State of Colorado Oil and Gas Conservation Commission (Colorado) submitted to the Commission a recommendation, in accordance with § 271.703 of the Commission's regulations (18 CFR 271.703 (1983)), that the Shannon Formation located in Boulder and Weld Counties, Colorado, be designated as a tight formation. By letter dated January 26, 1983, the Director of the Commission's Division of NGPA Compliance (presently Division of Producer Audits and Pricing), requested that Colorado submit additional information sufficient to determine the average depth to the top, the average thickness, and the vertical limits of the Shannon Formation in the recommended area. On March 7, 1983, a partial response was received from Colorado, and on March 25, 1983, OPPR requested that additional data be submitted. On September 1, 1983, Colorado submitted the remainder of the requested data. Pursuant to § 271.703(c)(4) of the regulations, this Notice of Proposed Rulemaking is hereby issued to determine whether Colorado's recommendation that the Shannon Formation be designated a tight formation should be adopted. Colorado's recommendation and supporting data are on file with the Commission and are available for public inspection.

Description of Recommendation

The recommended formation is located in the western portion of the Denver-Julesburg Basin and is approximately 15 miles north of the city of Denver, Colorado. Less than two percent of the recommended area is federal land with the remaining acreage being state and fee lands. The Shannon formation is defined as that interval located between 5,095 feet and 5,125 feet on the electric type log of Amoco's Coslett A-1 well located in Section 1, Township 1 North, Range 68 West, 6th P.M. The top of the Shannon Formation is found at an average depth of 4,900 feet and the average thickness of the Shannon Formation is 50 feet.

The recommended area is subject to Colorado Order No. 250-12, issued May 18, 1976, which authorizes infill drilling in the Spindle Field. Accordingly, certain portions within the proposed area may be subject to exclusion pursuant to §271.703(c)(2)(i)(D) of the regulations.

III. Discussion of Recommendation

Colorado claims in its submission that evidence gathered through information and testimony presented at a public hearing in Cause No. NG-39 convened by Colorado on this matter demonstrates that:

(1) The average *in situ* gas permeability throughout the pay section of the proposed area is not expected to exceed 0.1 millidarcy;

(2) The stabilized production rate, against atmospheric pressure, of wells completed for production from the recommended formation, without stimulation, is not expected to exceed the maximum allowable production rate set out in § 271.7032(c)(2)(i)(B); and

(3) No well drilled into the recommended formation is expected to produce more than five (5) barrels of oil per day.

Colorado further asserts that existing State and Federal Regulations assure that development of this formation will not adversely affect any fresh water aquifers.

Accordingly, pursuant to the authority delegated to the Director of the Office of Pipeline and Producer Regulation by Commission Order No. 97, [Reg. Preambles 1977-1981] FERC Stats. and Regs. ¶ 30,180 (1980), issued in Docket No. RM80-68 (45 FR 53456, August 12, 1980), notice is hereby given of the proposal submitted by Colorado that the Shannon Formation, as described and delineated in Colorado's recommendation as filed with the Commission, be designated as a tight formation pursuant to § 271.703.

IV. Public Comment Procedures

Interested persons may comment on this proposed rulemaking by submitting written data, views or arguments to the Office of the Secretary, Federal Energy Regulatory Commission, 825 North Capitol Street, NE., Washington, D.C. 20426, on or before December 9, 1983. Each person submitting a comment should indicate that the comment is being submitted in Docket No. RM79-76-174 (Colorado-33), and should give reasons including supporting data for any recommendations. Comments should include the name, title, mailing address, and telephone number of one person to whom communications concerning the proposal may be addressed. An original and 14 conformed copies should be filed with the Secretary of the Commission. Written comments will be available for public inspection at the Commission's Division of Public Information, Room 1000, 825 North Capitol Street, NE., Washington, D.C., during business hours.

Any person wishing to present testimony, views, data, or otherwise

participate at a public hearing should notify the Commission in writing of the desire to make an oral presentation and therefore request a public hearing. Such request shall specify the amount of time requested at the hearing. Requests should be filed with the Secretary of the Commission no later than November 9, 1983.

List of Subjects in 18 CFR Part 271

Natural gas, Incentive price, Tight formations.

(Natural Gas Policy Act of 1978, 15 U.S.C. 3301-3432)

Accordingly, the Commission proposes to amend the regulations in Part 271, Subchapter H, Chapter I, Title 18, *Code of Federal Regulations*, as set forth below, in the event Colorado's recommendation is adopted.

Kenneth A. Williams,

Director, Office of Pipeline and Producer Regulation.

Section 271.703 is amended by adding paragraph (d)(160) to read as follows:

§ 271.703 Tight formations.

* * * * *

(d) *Designated tight formations.*

* * * * *

(160) *Shannon Formation in Colorado.* RM79-76-174 (Colorado-33).

(i) *Delineation of formation.* The Shannon Formation is located in all of Township 1 North, Range 69 West; Township 2 North, Ranges 64 through 66, 68, and 69 West; Township 3 North, Ranges 64 through 68 West; Township 4 North, Ranges 66 through 68 West; and Township 5 North, Range 67 West, 6th P.M. The Shannon Formation is also located in parts of Township 1 North, Range 68 West and Township 2 North, Range 67 West, 6th P.M.

(ii) *Depth.* The Shannon Formation is found at an average depth of 4,900 feet and is approximately 50 feet in thickness. The Shannon Formation is defined as that interval located between 5,095 feet and 5,125 feet on the electric type log of Amoco's Costlett A-1 well located in Section 1, Township 1 North, Range 68 West, 6th P.M.

[FR Doc. 83-29405 Filed 10-28-83; 8:45 am]
BILLING CODE 6717-01-M

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18 CFR Part 271

Natural Gas Policy Act; High-Cost Gas Produced from Tight Formations; Colorado

[Docket No. RM79-76-175 (Colorado-34)]

AGENCY: Federal Energy Regulatory Commission.

ACTION: Notice of proposed rulemaking.

SUMMARY: The Federal Energy Regulatory Commission is authorized by section 107(c)(5) of the Natural Gas Policy Act of 1978, 15 U.S.C. 3301-3432 (Supp V, 1981), to designate certain types of natural gas as high-cost gas where the Commission determines that the gas is produced under conditions which present extraordinary risks or costs. Under section 107(c)(5), the Commission issued a final regulation designating natural gas produced from tight formations as high-cost gas which may receive an incentive price (18 CFR 271.703 (1983)), this rule established procedures for jurisdictional agencies to submit to the Commission recommendations of areas for designation as tight formations. This Notice of Proposed Rulemaking by the Director of the Office of Pipeline and Producer Regulation contains the recommendation of the State of Colorado that the Sussex Formation be designated as a tight formation under § 271.703(d).

DATE: Comments on the proposed rule are due on December 9, 1983.

Public Hearing: No public hearing is scheduled in this docket as yet. Written requests for a public hearing are due on November 9, 1983.

ADDRESS: Comments and requests for hearing must be filed with the Office of the Secretary, 825 North Capitol Street, NE., Washington, D.C. 20426.

FOR FURTHER INFORMATION CONTACT: Leslie Lawner, (202) 357-8511, or Victor Zabel, (202) 357-8616.

Issued October 25, 1983.

I. Background

On January 7, 1983, the State of Colorado Oil and Gas Conservation Commission (Colorado) submitted to the Commission a recommendation, in accordance with § 271.703 of the Commission's regulations (18 CFR 271.703 (1983)), that the Sussex Formation located in Boulder and Weld Counties, Colorado, be designated as a tight formation. By letter dated January 26, 1983, the Director of the Commission's Division of NGPA Compliance (presently Division of Producer Audits and Pricing), requested that Colorado submit additional information sufficient to determine the average depth to the top, the average thickness, and the vertical limits of the Sussex Formation in the recommended area. On March 7, 1983, a partial response was received from Colorado, and on March 25, 1983, OPPR requested that additional data be submitted. On September 1, 1983, Colorado submitted the remainder of the requested data. Pursuant to § 271.703(c)(4) of the regulations, this Notice of Proposed Rulemaking is hereby issued to determine whether Colorado's recommendation that the Sussex Formation be designated a tight formation should be adopted. Colorado's recommendation and supporting data are on file with the Commission and are available for public inspection.

II. Description of Recommendation

The recommended formation is located in the western portion of the Denver-Julesburg Basin and is approximately 15 miles north of the city of Denver, Colorado. Less than two percent of the recommended area is federal land with the remaining acreage being state and fee lands. The Sussex Formation is defined as the interval located between 4,650 feet and 4,740 feet on the electric type log of Amoco's Coslett A-1 well located in Section 1, Township 1 North, Range 68 West, 6th P.M. The top of the Sussex Formation is found at an average depth of 4,450 feet and the average thickness of the Sussex Formation is 150 feet.

The recommended area is subject to Colorado Order No. 250-12, issued May 18, 1976, which authorizes infill drilling in the Spindle Field. Accordingly, certain portions within the proposed area may be subject to exclusion pursuant to § 271.703(c)(2)(i)(D) of the regulations.

III. Discussion of Recommendation

Colorado claims in its submission that evidence gathered through information and testimony presented at a public hearing in Cause No. NG-40 convened by Colorado on this matter demonstrates that:

(1) The average *in situ* gas permeability throughout the pay section of the proposed area is not expected to exceed 0.1 milidarcy;

(2) The stabilized production rate, against atmospheric pressure, of wells completed for production from the recommended formation, without stimulation, is not expected to exceed the maximum allowable production rate set out in § 271.703(c)(2)(i)(B); and

(3) No well drilled into the recommended formation is expected to produce more than five (5) barrels of oil per day.

Colorado further asserts that existing State and Federal Regulations assure that development of this formation will not adversely affect any fresh water aquifers.

Accordingly, pursuant to the authority delegated to the Director of the Office of

Pipeline and Producer Regulation by Commission Order No. 97, [Reg. Preambles 1977–1981] FERC Stats. and Regs. ¶ 30,180 (1980), issued in Docket No. RM80–68 (45 FR 53456, August 12, 1980), notice is hereby given of the proposal submitted by Colorado that the Sussex Formation, as described and delineated in Colorado's recommendation as filed with the Commission, be designated as a tight formation pursuant to § 271.703.

IV. Public Comment Procedures

Interested persons may comment on this proposed rulemaking by submitting written data, views or arguments to the Office of the Secretary, Federal Energy Regulatory Commission, 825 North Capitol Street, NE., Washington, D.C. 20426, on or before December 9, 1983. Each person submitting a comment should indicate that the comment is being submitted in Docket No. RM79–76–175 (Colorado–34), and should give reasons including supporting data for any recommendations. Comments should include the name, title, mailing address, and telephone number of one person to whom communications concerning the proposal may be addressed. An original and 14 conformed copies should be filed with the Secretary of the Commission. Written comments will be available for public inspection at the Commission's Division of Public Information, Room 1000, 825 North Capitol Street, NE., Washington, D.C., during business hours.

Any person wishing to present testimony, views, data or otherwise participate at a public hearing should notify the Commission in writing of the desire to make an oral presentation and therefore request a public hearing. Such request shall specify the amount of the time requested at the hearing. Requests should be filed with the Secretary of the Commission no later than November 9, 1983.

List of Subjects in 18 CFR Part 271

Natural gas, Incentive price, Tight formations.

(Natural Gas Policy Act of 1978, 15 U.S.C. §§ 3301–3432)

Accordingly, the Commission proposes to amend the regulations in Part 271, Subchapter H, Chapter I, Title 18 *Code of Federal Regulations*, as set forth below, in the event Colorado's recommendation is adopted.

Kenneth A. Williams,

Director, Office of Pipeline and Producer Regulation.

Section 271.703 is amended by adding paragraph (d)(161) to read as follows:

§ 271.703 Tight formations.

* * * * *

(d) *Designated tight formations.*

* * * * *

(161) *Sussex Formation in Colorado.* RM79–76–175 (Colorado–34).

(i) *Delineation of formation.* The Sussex Formation is located in all of Township 1 North, Range 69 West; Township 2 North, Ranges 64, 65, and 69 West; Township 3 North, Ranges 64 through 68 West; Township 4 North, Ranges 67 and 68 West; and Township 5 North, Range 67 West, 6th P.M. The Sussex Formation is also located in parts of Township 1 North, Ranges 67 and 68 West; Township 2 North, Ranges 66 through 68 West; and Township 4 North, Range 66 West, 6th P.M.

(ii) *Depth.* The average depth to the top of the Sussex Formation is 4,450 feet. The Sussex Formation is defined as that interval located between 4, 650 feet and 4, 740 feet on the electric type log of Amoco's Coslett A–1 well located in Section 1, Township 1 North, Range 68 West, 6th P.M.

[FR Doc. 83–29406 Filed 10–28–83; 8:45 am]

BILLING CODE 6717–01–M

DEPARTMENT OF THE TREASURY

Internal Revenue Service

26 CFR Parts 1, 11, 20, and 25

[LR–85–80]

Revision of Actuarial Tables and Interest Factors

AGENCY: Internal Revenue Service, Treasury.

ACTION: Notice of proposed rulemaking.

SUMMARY: This document contains proposed regulations relating to tables for valuing annuities, life estates, terms for years, remainders, and reversions for purposes of Federal income, estate, and gift taxation. Changes to the applicable regulations are necessary because the interest rate used in the tables no longer reflects prevailing interest rates. The regulations would provide the necessary guidance to Internal Revenue Service personnel who administer the Code and members of the public who are subject to and must comply with these tables.

DATES: Written comments and requests for a public hearing must be delivered or mailed by December 30, 1983. The proposed effective date would be November 30, 1983.

ADDRESS: Send comments and requests for a public hearing to: Commissioner of Internal Revenue, Attention: CC:LR:T (LR–85–80), Washington, D.C. 20224.

FOR FURTHER INFORMATION CONTACT: Neil W. Zyskind of the Legislation and Regulations Division, Office of the Chief Counsel, Internal Revenue Service, 1111 Constitution Avenue, NW., Washington, D.C. 20224, Attention: CC:LR:T (202) 566–3287, not a toll-free call.

SUPPLEMENTARY INFORMATION:

Background

This document contains proposed amendments to the Income Tax Regulations (26 CFR Part 1) under sections 52, 170, 642, and 664; the Temporary Income Tax Regulations under the Employee Retirement Income Security Act of 1974 (26 CFR Part 11) under section 414; the Estate Tax Regulations (26 CFR Part 20) under sections 2031 and 2055; and the Gift Tax Regulations (26 CFR Part 25) under sections 2512, 2522, and 2523 of the Internal Revenue Code of 1954 (Code). The proposed regulations contain tables based on a 10 percent discount and income factor. This percentage rate reflects the average annual rate paid on U.S. Government obligations of 10 year maturity rounded to the nearest whole percent.

These tables will replace the 6 percent tables currently in the regulations. The proposed tables contain factors for valuing annuities, life estates, terms for years, remainders, and reversions. In addition, the proposed tables eliminate the distinction between male and female mortality and provide for tables which are gender neutral.

In addition, the proposed regulations update the tables under §§ 1.170A12, 1.642(c)–6, and 1.664–4 to reflect the changes resulting from the adoption of unisex tables and the 10 percent interest rate. Furthermore, the tables were amended to reflect factors for higher yearly rate of returns than those presently provided for in the existing regulations.

The Internal Revenue Service will periodically reexamine the rates contained in the regulations, and if necessary revise them, so as to correlate the regulatory rate to the market rate.

These regulations are to be issued under the authority contained in section 170(f)(4) (83 Stat. 544; 26 U.S.C. 170(f)(4)), section 642(c)(5) (83 Stat. 560; 26 U.S.C. 642(c)(5)) and section 7805 of the Code (68A Stat. 917; 26 U.S.C. 7805).

Regulatory Flexibility Act and Executive Order 12291

The Commissioner of Internal Revenue has determined that this proposed rule is not a major rule as defined in Executive Order 12291 and that a Regulatory Impact Analysis is

therefore not required. Although this document is a notice of proposed rulemaking which solicits public comment, the Internal Revenue Service has concluded that the regulations proposed herein are interpretative and that the notice and public procedure requirements of 5 U.S.C. 553 do not apply. Accordingly, these proposed regulations do not constitute regulations subject to the Regulatory Flexibility Act (5 U.S.C. chapter 6).

Comments and Requests for a Public Hearing

Before adopting these proposed regulations, consideration will be given to any written comments that are submitted (preferably six copies) to the Commissioner of Internal Revenue. All comments will be available for public inspection and copying. A public hearing will be held upon written request to the Commissioner by any person who has submitted written comments. If a public hearing is held, notice of the time and place will be published in the **Federal Register.**

The collection of information requirements contained in this notice of proposed rulemaking have been submitted to the Office of Management and Budget (OMB) for review under section 3504(h) of the Paperwork Reduction Act. Comments on these requirements should be sent to the Office of Information and Regulatory Affairs of OMB, Attention: Desk Office for Internal Revenue Service, New Executive Office Building, Washington, D.C. 20503. The Internal Revenue Service requests that persons submitting comments on these requirements to OMB also send copies of those comments to the Service.

Drafting Information

The principal author of these proposed regulations is Neil W. Zyskind of the Legislation and Regulations Division of the Office of Chief Counsel, Internal Revenue Service. However, personnel from other offices of the Internal Revenue Service and Treasury Department participated in developing the regulation, both on matters of substance and style.

List of Subjects

26 CFR 1.61–1—1.281–4

Income taxes, Taxable income, Deductions, Exemptions.

26 CFR 1.641—1.692–1

Income taxes, Estates, Trusts and trustees, Beneficiaries.

26 CFR Part 11

Income taxes, Pensions, Employee Retirement Income Security Act of 1974.

26 CFR Part 20

Estate taxes.

26 CFR Part 25

Gift taxes.

Proposed Amendments to the Regulations

The proposed amendments to 26 CFR Parts 1, 11, 20, and 25 are as follows:

§ 1.52–1 [Amended]

Paragraph 1. The second sentence of paragraph (f) of § 1.52–1 is amended by removing "§ 20.2031–10" and inserting in lieu thereof "§§ 20.2031–7 or 20.2031–10, whichever is appropriate,".

§ 1.101–2 [Amended]

Par. 2. Section 1.101–2 is amended as follows:

a. Paragraph (e)(1)(iii)(*b*)(3) is amended by removing "as supplemented by "Actuarial Values for Estate and Gift Tax" (Internal Revenue Service Publication No. 11, Rev. 5–59)".

b. Example (1)(i) of paragraph (e)(2) is amended by inserting in the beginning of the example the sentence "A died on January 1, 1969."

§ 1.170A–6 [Amended]

Par. 3. Section 1.170A–6 is amended as follows:

a. Paragraph (c)(3)(i) is amended by removing § 20.2031–10" and inserting in lieu thereof "§§ 20.2031–7 or 20.2031–10, whichever is appropriate,".

b. The second sentence of paragraph (c)(4) is amended by removing "§ 20.2031–10" and inserting in lieu thereof "§§ 20.2031–7 or 20.2031–10, whichever is appropriate,".

§ 1.170A–7 [Amended]

Par. 4. The third sentence of paragraph (c) of § 1.170A–7 is amended by removing "§ 20.2031–10" and inserting in lieu thereof "§§ 20.2031–7 or 20.2031–10, whichever is appropriate,".

§ 1.170A–12 [Amended]

Par. 5. Section 1.170A–12 is amended as follows:

a. The fourth sentence of paragraph (a)(3) is amended by removing "§ 25.2512–9" and inserting in lieu thereof "§§ 25.2512–5 or 25.2512–9, whichever is appropriate,".

b. The first sentence of paragraph (b)(1) is amended by removing "§ 25.2512–9 of this chapter (Gift Tax Regulations), using Table A(1) or A(2) (whichever is appropriate) contained in paragraph (f) of such section" and inserting in lieu thereof "§§ 25.2512–5 or 25.2512–9 of this chapter (Gift Tax Regulations), using Table A, A(1), or A(2) (whichever is appropriate)".

c. The second sentence of paragraph (b)(1) is amended by removing "Table A(1) or A(2) in paragraph (f) of § 25.2512–9 of this chapter (Gift Tax Regulations) before such figure is used in paragraph (d) of such section" and inserting in lieu thereof "Table A in paragraph (f) of § 25.2512–5 or Table (A)(1) or A(2) in paragraph (f) of § 25.2512–9 (whichever is appropriate) of this chapter (Gift Tax Regulations) before such figure is used in paragraph (d) of such sections".

d. Paragraph (b)(2) is revised to read as set forth below.

e. Paragraph (c) is amended by removing "§ 25.2512–9" wherever it appears and inserting in lieu thereof "§§ 25.2512–5 or 25.2512–9, whichever is appropriate," and by removing the term "section" in the first sentence and inserting in lieu thereof "sections".

f. The second sentence of paragraph (e)(1) is revised to read as set forth below.

g. Paragraph (e)(2) is amended by removing "§ 20.2031–10(f)" and inserting in lieu thereof "§§ 20.2031–7(f) or 20.2031–10(f), whichever is appropriate,".

h. Paragraph (f) is amended by inserting a new Table C immediately before Table C (1) to read as set forth below.

§ 1.170A–12 Valuation of a remainder interest in real property for contributions made after July 31, 1969.

* * * * *

(b) *Valuation of a remainder interest following only one life*—* * *

(2) *Computation of depreciation adjustment factor.* Computations under this paragraph (b)(2) are based upon Table C (Tables C(1) and C(2) for contributions made before December 1, 1983) contained in paragraph (f) of this section, which reflect interest at the rate of 10 percent (6 percent for contributions made before December 1, 1983) a year compounded annually, life contingencies determined from the values of lx that are set forth in Table LN of paragraph (f) of § 20.2031–7 or (§ 20.2031–10 for contributions made before December 1, 1983) of this chapter (Estate Tax Regulations), and depreciation on a straight line basis. The factor determined under this paragraph (b)(2) is the amount determined by dividing—

(i) The difference between—

(A) The R-factor in column 2 of Table C opposite the initial age of the life tenant in column 1, and

(B) The R-factor in column 2 of such Table opposite the terminal age in column 1; by

(ii) The product of—

(A) The estimated useful life of the depreciable property, and

(B) The D-factor in column 3 of the Table opposite the initial age of the life tenant in column 1.

For purposes of this paragraph (b)(2), the term "initial age of the life tenant" means the age of the life tenant at the life tenant's birthday nearest the date of the contribution of the remainder interest, and the term "terminal age" is 110 or the sum of the initial age of the life tenant and the estimated useful life of the depreciable property, if that sum is less than 110. The factor determined under this paragraph (b)(2) is carried to the fifth decimal place.

* * * * *

(e) *Valuation of a remainder interest following more than one life or a term certain concurrent with one or more lines*—(1) * * * The special factor is to be computed on the basis of (1) interest at the rate of 10 percent (6 percent for contributions made before December 1, 1983) a year, compounded annually, (ii) life contingencies determined from the values of lx that are set forth in Table LN of paragraph (f) of § 20.2031–7 (§ 20.2031–10 for contributions made before December 1, 1983) of this chapter (Estate Tax Regulations) and (iii) if depreciation is involved, the assumption that the property depreciates on a straight line basis over its estimates useful life. * * *

* * * * *

(f) *Tables for computation of depreciation adjustment factor.* * * *

TABLE C.—SINGLE LIFE, UNISEX, 10 PERCENT SHOWING COMMUNICATION FACTORS FOR REDUCING ASSURANCES

Age	R-Factors (Rx-0.5Mx)	D-Factors (Dx)
(1)	(2)	(3)
0	20,601.8820	100,000.0000
1	18,745.1078	89,089.0909
2	17,896.7675	80,889.2562
3	17,134.4941	73,472.5770
4	16,429.7372	66,746.8069
5	15,767.6190	60,644.1438
6	15,138.2770	55,103.3806
7	14,535.8488	50,070.3771
8	13,956.0999	45,496.9313
9	13,394.8755	41,346.9732
10	12,848.7712	37,575.0490
11	12,315.0692	34,148.6206
12	11,791.7385	31,034.9603
13	11,278.4296	28,203.7517
14	10,776.5123	25,627.9243
15	10,288.4828	23,283.5101
16	9,817.2602	21,149.4170
17	9,365.3572	19,207.3540
18	8,934.3033	17,440.9069
19	8,524.5640	15,835.0949
20	8,135.6140	14,376.2171
21	7,766.4572	13,050.9105
22	7,416.1070	11,847.0200

TABLE C.—SINGLE LIFE, UNISEX, 10 PERCENT SHOWING COMMUNICATION FACTORS FOR REDUCING ASSURANCES—Continued

Age	R-Factors (Rx-0.5Mx)	D-Factors (Dx)
(1)	(2)	(3)
23	7,083.4750	10,753.7132
24	6,767.2384	9,761.1786
25	6,465.8630	8,860.4158
26	6,177.7248	8,043.0928
27	5,901.3240	7,301.3762
28	5,635.3643	6,628.2534
29	5,378.8864	6,016.9655
30	5,131.2180	5,461.9063
31	4,891.8674	4,957.6067
32	4,660.4462	4,499.5740
33	4,436.5638	4,083.5035
34	4,219.9416	3,705.4651
35	4,010.3324	3,362.0572
36	3,807.5065	3,050.0428
37	3,611.2994	2,766.5317
38	3,421.5837	2,508.8798
39	3,238.3061	2,274.7237
40	3,061.3521	2,061.9429
41	2,890.6420	1,868.5882
42	2,726.0615	1,692.9463
43	2,567.5085	1,533.3316
44	2,414.9086	1,388.3068
45	2,268.2027	1,256.5015
46	2,127.3361	1,136.7490
47	1,992.2392	1,027.9431
48	1,862.8255	929.1339
49	1,738.9953	839.3916
50	1,620.6495	757.9125
51	1,507.6894	683.9235
52	1,400.0247	616.7502
53	1,297.5614	555.7731
54	1,200.2138	500.4133
55	1,107.8950	450.1766
56	1,020.5111	404.5968
57	937.9552	363.2734
58	860.1101	325.8176
59	786.8483	291.8987
60	718.0318	261.1947
61	653.515988	233.425032
62	593.151050	208.323164
63	536.786458	185.646400
64	484.274647	165.169118
65	435.470923	146.691057
66	390.231191	130.029637
67	348.412484	115.018393
68	309.871028	101.510160
69	274.458723	89.373690
70	242.023790	78.485699
71	212.410624	68.738934
72	185.462525	60.025503
73	161.030414	52.240720
74	138.978279	45.286194
75	119.181106	39.079472
76	101.516377	33.554790
77	85.857470	28.655743
78	72.071223	24.332315
79	60.017955	20.537735
80	49.554168	17.225638
81	40.539161	14.345119
82	32.838728	11.851619
83	26.322309	9.706333
84	20.861049	7.881796
85	16.329823	6.337738
86	12.612963	5.037938
87	9.606528	3.950395
88	7.213017	3.053341
89	5.337461	2.327112
90	3.88944207	1.74985139
91	2.78792754	1.29647139
92	1.96398998	.94419491
93	1.35941017	.67495018
94	.92475286	.47333801
95	.61870301	.32559372
96	.40767627	.21971148
97	.26494185	.14593989
98	.16999658	.09544351
99	.10779721	.06162281
100	.06756075	.03933062
101	.04187043	.02473831
102	.02567917	.01541272
103	.01555022	.00954095
104	.00927755	.00579691
105	.00543664	.00351449
106	.00307741	.00213000
107	.001629198	.001286081
108	.000746153	.000744754

TABLE C.—SINGLE LIFE, UNISEX, 10 PERCENT SHOWING COMMUNICATION FACTORS FOR REDUCING ASSURANCES—Continued

Age	R-Factors (Rx-0.5Mx)	D-Factors (Dx)
(1)	(2)	(3)
109	.000205633	.000430849

* * * * *

§ 1.642 [Amended]

Par. 6. Section 1.642(c)–6 is amended as follows:

a. Paragraph (a)(2) is amended by removing the sixth and seventh sentences and inserting in lieu thereof "A copy of the publication containing many such special factors, may be purchased from the Superintendant of Documents, United States Government Printing Office, Washington, D.C. 20402."

b. Paragraph (b)(1) is amended by removing "as to each male and female life involved, from the values of lx that are set forth in columns (2) and (3), respectively, of Table LN of paragraph (f) of § 20.2031–10" and inserting in lieu thereof "from the values of lx that are set forth in Table LN of paragraph (f) of §§ 20.2031–7 or 20.2031–10, whichever is appropriate,".

c. Paragraph (b)(2) is amended by removing "6 percent" wherever it appears and inserting in lieu thereof "10 percent (6 percent for transfers of property to pooled income funds made before December 1, 1983)".

d. Paragraphs (d) (1) through (3) are redesignated as paragraphs (e) (1) through (3), respectively, and new paragraphs (d) (1) through (3) are inserted immediately following paragraph (c) (5) to read as set forth below.

e. The heading of redesignated paragraph (e) and the first sentence of redesignated paragraph (e)(1) are revised to read as set forth below.

f. A new sentence is added at the end of redesignated paragraph (e)(1) to read as set forth below.

(d) *Present value of remainder interest dependent on the termination of one life; for transfers to pooled income funds made after November 30, 1983*—(1) *In general.* For transfers to pooled income funds made after November 30, 1983, the present value under this section of a remainder interest which is dependent on the termination of the life of one individual shall be determined under paragraphs (d) (1) through (3) of this section. The present value of such a remainder interest shall be computed by the use of Table G in paragraph (d)(3) of

this Section. For purposes of the computations under this section, the age of an individual is to be taken as the age of the individual at the individual's nearest birthday. For transfers to pooled income funds made before December 1, 1983, see paragraphs (e) (1) through (3) of this section.

(2) *Computation of value of remainder interest.* The factor which is used in determining the present value of the remainder interest is the factor under the appropriate yearly rate of return in column (2) of Table G opposite the number in column (1) which corresponds to the age of the individual upon whose life the value of the remainder interest is based. If the yearly rate of return is a percentage which is between yearly rates of return for which factors are provided in Table G, a linear interpolation must be made. The present value of the remainder interest is determined by multiplying, by the factor determined under this paragraph (d)(2), the fair market value on the appropriate valuation date. If the yearly rate of return is below 2.2 percent of above 14 percent, see paragraph (a)(2) of this section. This paragraph (d)(2) may be illustrated by the following example:

Example. A, who will be 50 years old on April 15, 1984, transfers $100,000 to a pooled income fund on January 1, 1984, and retains a life income interest in such property. The highest yearly rate of return earned by the fund for its 3 preceding taxable years is 9.9 percent. In Table G the figure in column (2) opposite 50 years under 9.8 percent is .15653 and under 10 percent is .15257. The present value of the remainder interest is $15,455, computed as follows:

Factor at 9.8 percent for male aged 50	.15653
Factor at 10 percent for male aged 50	.15257
Difference	.00396
Interpolation adjustment:	
9.9% − 9.8%/× = .00198 ÷ 0.2% = × TI ÷ .00396	
Factor at 9.8 percent for male aged 50	0.15653
Less:	
Interpolation adjustment	.00198
Interpolated factor	.15455
Present value of remainder interest ($100,000 × .15455	$15,455

(3) *Actuarial tables.* The following tables shall be used in the application of the provisions of this section.

TABLE G.—TABLE, SINGLE LIFE, UNISEX, SHOWING THE PRESENT WORTH OF THE REMAINDER INTEREST IN PROPERTY TRANSFERRED TO A POOLED INCOME FUND HAVING THE YEARLY RATE OF RETURN SHOWN

(1) Age	(2) Yearly rate of return (percent)				
	2.2	2.4	2.6	2.8	3.0
0	.23930	.21334	.19077	.17113	.15401
1	.22891	.20224	.17903	.15880	.14114
2	.23297	.20610	.18265	.16218	.14429
3	.23744	.21035	.18669	.16600	.14787
4	.24212	.21485	.19098	.17006	.15171
5	.24701	.21955	.19547	.17434	.15577
6	.25207	.22442	.20015	.17880	.16001
7	.25726	.22944	.20497	.18342	.16441
8	.26259	.23461	.20995	.18820	.16898
9	.26809	.23995	.21511	.19315	.17373
10	.27373	.24544	.22043	.19826	.17865
11	.27953	.25110	.22592	.20356	.18375
12	.28546	.25690	.23156	.20904	.18902
13	.29149	.26280	.23731	.21462	.19440
14	.29757	.26877	.24312	.22026	.19986
15	.30368	.27476	.24896	.22593	.20535
16	.30978	.28075	.25481	.23161	.21085
17	.31589	.28676	.26068	.23732	.21637
18	.32204	.29280	.26659	.24306	.22193
19	.32825	.29892	.27257	.24889	.22759
20	.33457	.30514	.27867	.25484	.23336
21	.34099	.31148	.28489	.26092	.23927
22	.34751	.31794	.29124	.26712	.24532
23	.35416	.32452	.29773	.27348	.25152
24	.36096	.33127	.30439	.28002	.25791
25	.36793	.33821	.31124	.28676	.26452
26	.37509	.34535	.31832	.29374	.27138
27	.38244	.35269	.32560	.30093	.27844
28	.38998	.36023	.33311	.30836	.28577
29	.39767	.36795	.34080	.31599	.29330
30	.40553	.37584	.34868	.32382	.30104
31	.41352	.38388	.35672	.33182	.30897
32	.42165	.39208	.36494	.34001	.31710
33	.42993	.40044	.37333	.34839	.32543
34	.43834	.40894	.38188	.35694	.33395
35	.44689	.41760	.39060	.36567	.34266
36	.45556	.42640	.39947	.37458	.35156
37	.46435	.43534	.40850	.38365	.36063
38	.47325	.44440	.41767	.39288	.36987
39	.48226	.45358	.42696	.40225	.37927
40	.49136	.46288	.43640	.41177	.38884
41	.50056	.47228	.44596	.42143	.39856
42	.50988	.48182	.45566	.43125	.40846
43	.51927	.49145	.46547	.44120	.41850
44	.52874	.50118	.47540	.45128	.42869
45	.53828	.51099	.48543	.46146	.43899
46	.54788	.52088	.49554	.47176	.44943
47	.55754	.53083	.50574	.48216	.45998
48	.56726	.54087	.51604	.49267	.47065
49	.57703	.55097	.52642	.50327	.48144
50	.58685	.56114	.53688	.51396	.49234
51	.59670	.57136	.54740	.52476	.50333
52	.60658	.58161	.55798	.53560	.51441
53	.61647	.59189	.56859	.54651	.52556
54	.62635	.60217	.57923	.55744	.53675
55	.63622	.61246	.58987	.56840	.54798
56	.64606	.62273	.60052	.57937	.55923
57	.65589	.63299	.61117	.59037	.57052
58	.66569	.64324	.62181	.60136	.58183
59	.67548	.65347	.63246	.61237	.59318
60	.68521	.66368	.64309	.62338	.60450
61	.69492	.67388	.65372	.63440	.61587
62	.70461	.68406	.66434	.64542	.62726
63	.71425	.69420	.67494	.65643	.63865
64	.72384	.70430	.68550	.66742	.65002
65	.73336	.71434	.69602	.67837	.66137
66	.74281	.72431	.70647	.68926	.67267
67	.75216	.73419	.71684	.70009	.68391
68	.76143	.74399	.72714	.71085	.69509
69	.77060	.75370	.73735	.72153	.70622
70	.77969	.76334	.74750	.73215	.71728
71	.78870	.77290	.75758	.74272	.72830
72	.79764	.78240	.76760	.75323	.73928
73	.80646	.79178	.77751	.76364	.75016
74	.81511	.80099	.78725	.77387	.76086
75	.82353	.80995	.79674	.78388	.77132
76	.83169	.81866	.80596	.79357	.78149
77	.83960	.82710	.81491	.80301	.79139
78	.84727	.83530	.82360	.81218	.80101
79	.85473	.84328	.83207	.82112	.81041

TABLE G.—TABLE, SINGLE LIFE, UNISEX, SHOWING THE PRESENT WORTH OF THE REMAINDER INTEREST IN PROPERTY TRANSFERRED TO A POOLED INCOME FUND HAVING THE YEARLY RATE OF RETURN SHOWN—Continued

(1) Age	(2) Yearly rate of return (percent)				
	2.2	2.4	2.6	2.8	3.0
80	.86201	.85106	.84034	.82986	.81960
81	.86905	.85861	.84837	.83835	.82853
82	.87585	.86589	.85612	.84655	.83717
83	.88239	.87291	.86360	.85447	.84552
84	.88873	.87971	.87085	.86216	.85362
85	.89487	.88630	.87789	.86963	.86150
86	.90070	.89258	.88459	.87674	.86901
87	.90609	.89838	.89079	.88332	.87597
88	.91106	.90372	.89650	.88939	.88239
89	.91570	.90872	.90184	.89507	.88839
90	.92014	.91350	.90696	.90051	.89416
91	.92435	.91804	.91182	.90569	.89964
92	.92822	.92222	.91630	.91045	.90469
93	.93170	.92597	.92032	.91474	.90923
94	.93477	.92929	.92387	.91853	.91325
95	.93743	.93216	.92695	.92181	.91673
96	.93967	.93458	.92955	.92456	.91966
97	.94167	.93674	.93186	.92704	.92228
98	.94342	.93863	.93389	.92921	.92457
99	.94508	.94041	.93580	.93124	.92673
100	.94672	.94218	.93770	.93326	.92887
101	.94819	.94377	.93940	.93508	.93080
102	.94979	.94550	.94125	.93704	.93288
103	.95180	.94766	.94357	.93952	.93550
104	.95377	.94979	.94585	.94194	.93806
105	.95563	.95268	.94918	.94547	.94181
106	.96101	.95762	.95425	.95091	.94760
107	.96668	.96398	.96110	.95824	.95539
108	.97569	.97354	.97141	.96928	.96717
109	.98924	.98828	.98733	.98638	.98544

TABLE G.—TABLE, SINGLE LIFE, UNISEX, SHOWING THE PRESENT WORTH OF THE REMAINDER INTEREST IN PROPERTY TRANSFERRED TO A POOLED INCOME FUND HAVING THE YEARLY RATE OF RETURN SHOWN—Continued

(1) Age	(2) Yearly rate of return (percent)				
	3.2	3.4	3.6	3.8	4.0
0	.13908	.12603	.11461	.10481	.09563
1	.12570	.11220	.10036	.08998	.08086
2	.12862	.11489	.10284	.09225	.08293
3	.13198	.11802	.10576	.09496	.08544
4	.13559	.12141	.10893	.09793	.08821
5	.13943	.12503	.11234	.10112	.09121
6	.14345	.12884	.11593	.10451	.09439
7	.14763	.13280	.11968	.10805	.09773
8	.15198	.13694	.12360	.11176	.10125
9	.15652	.14126	.12771	.11567	.10495
10	.16123	.14576	.13200	.11975	.10883
11	.16613	.15045	.13648	.12402	.11290
12	.17119	.15531	.14113	.12847	.11715
13	.17638	.16029	.14591	.13304	.12152
14	.18164	.16535	.15076	.13769	.12597
15	.18693	.17044	.15565	.14238	.13045
16	.19224	.17554	.16055	.14707	.13494
17	.19756	.18066	.16547	.15178	.13945
18	.20294	.18584	.17044	.15655	.14401
19	.20840	.19110	.17550	.16140	.14866
20	.21399	.19650	.18069	.16639	.15344
21	.21972	.20203	.18602	.17152	.15838
22	.22559	.20771	.19151	.17680	.16344
23	.23162	.21356	.19716	.18225	.16869
24	.23784	.21960	.20301	.18791	.17414
25	.24429	.22588	.20910	.19380	.17984
26	.25098	.23240	.21545	.19996	.18581
27	.25792	.23918	.22206	.20639	.19205
28	.26512	.24623	.22894	.21310	.19858
29	.27253	.25350	.23605	.22004	.20534
30	.28016	.26100	.24341	.22724	.21238
31	.28799	.26871	.25097	.23464	.21961
32	.29603	.27664	.25877	.24230	.22710
33	.30428	.28478	.26679	.25018	.23484

TABLE G.—TABLE, SINGLE LIFE, UNISEX, SHOWING THE PRESENT WORTH OF THE REMAINDER INTEREST IN PROPERTY TRANSFERRED TO A POOLED INCOME FUND HAVING THE YEARLY RATE OF RETURN SHOWN—CONTINUED STRIP IN BY HAND CARRY—Continued

(1) Age	(2) Yearly rate of return (percent)				
	3.2	3.4	3.6	3.8	4.0
34	.31273	.29914	.27504	.25830	.24280
35	.32139	.30172	.28351	.26665	.25102
36	.33024	.31050	.29220	.27523	.25948
37	.33929	.31949	.30111	.28404	.26816
38	.34851	.32867	.31022	.29305	.27707
39	.35791	.33804	.31953	.30228	.28620
40	.36749	.34759	.32904	.31172	.29555
41	.37724	.35733	.33874	.32137	.30512
42	.38717	.36727	.34866	.33124	.31493
43	.39727	.37739	.35877	.34132	.32495
44	.40752	.38766	.36906	.35159	.33518
45	.41791	.39811	.37952	.36204	.34560
46	.42844	.40871	.39014	.37267	.35621
47	.43910	.41944	.40092	.38347	.36701
48	.44990	.43034	.41188	.39446	.37801
49	.46083	.44137	.42299	.40562	.38919
50	.47189	.45256	.43427	.41695	.40056
51	.48306	.46386	.44567	.42844	.41209
52	.49432	.47528	.45721	.44006	.42378
53	.50567	.48679	.46886	.45182	.43562
54	.51708	.49838	.48060	.46367	.44756
55	.52854	.51004	.49242	.47563	.45962
56	.54004	.52175	.50430	.48766	.47177
57	.55159	.53352	.51626	.49978	.48402
58	.56316	.54533	.52827	.51196	.49636
59	.57478	.55719	.54036	.52424	.50879
60	.58643	.56910	.55250	.53658	.52131
61	.59811	.58107	.56471	.54901	.53393
62	.60982	.59307	.57697	.56150	.54662
63	.62155	.60510	.58928	.57405	.55940
64	.63327	.61714	.60161	.58664	.57222
65	.64498	.62918	.61395	.59926	.58506
66	.65666	.64120	.62628	.61188	.59796
67	.66829	.65319	.63859	.62448	.61083
68	.67986	.66512	.65086	.63706	.62370
69	.69139	.67702	.66311	.64963	.63656
70	.70286	.68888	.67533	.66218	.64942
71	.71431	.70073	.68754	.67474	.66231
72	.72572	.71255	.69974	.68730	.67520
73	.73704	.72429	.71188	.69980	.68805
74	.74819	.73586	.72384	.71214	.70075
75	.75909	.74718	.73557	.72424	.71320
76	.76971	.75822	.74700	.73606	.72538
77	.78004	.76897	.75815	.74758	.73726
78	.79010	.77944	.76902	.75883	.74886
79	.79993	.78968	.77965	.76984	.76023
80	.80955	.79971	.79008	.78064	.77140
81	.81891	.80948	.80024	.79118	.78230
82	.82796	.81894	.81009	.80140	.79288
83	.83672	.82810	.81962	.81131	.80314
84	.84525	.83700	.82891	.82096	.81314
85	.85352	.84567	.83795	.83037	.82291
86	.86141	.85394	.84659	.83936	.83224
87	.86874	.86162	.85461	.84771	.84092
88	.87549	.86870	.86201	.85542	.84893
89	.88182	.87534	.86895	.86266	.85645
90	.88789	.88171	.87562	.86961	.86369
91	.89367	.88779	.88198	.87625	.87059
92	.89900	.89338	.88784	.88237	.87697
93	.90379	.89842	.89312	.88798	.88271
94	.90805	.90288	.89780	.89277	.88781
95	.91171	.90675	.90185	.89701	.89223
96	.91481	.91001	.90527	.90058	.89594
97	.91757	.91291	.90831	.90376	.89926
98	.91999	.91546	.91099	.90655	.90217
99	.92227	.91786	.91349	.90917	.90490
100	.92453	.92023	.91598	.91177	.90761
101	.92656	.92236	.91821	.91410	.91003
102	.92875	.92467	.92063	.91662	.91266
103	.93152	.92758	.92367	.91980	.91597
104	.93423	.93042	.92665	.92291	.91920
105	.93618	.93458	.93101	.92747	.92305
106	.94430	.94104	.93779	.93457	.93127
107	.95256	.94975	.94696	.94418	.94143
108	.96507	.96298	.96090	.95863	.95676
109	.98450	.98356	.98263	.98170	.98077

TABLE G.—TABLE, SINGLE LIFE, UNISEX, SHOWING THE PRESENT WORTH OF THE REMAINDER INTEREST IN PROPERTY TRANSFERRED TO A POOLED INCOME FUND HAVING THE YEARLY RATE OF RETURN SHOWN

(1) Age	(2) Yearly rate of return (percent)				
	4.2	4.4	4.6	4.8	5.0
0	.08811	.08132	.07534	.07006	.06539
1	.07283	.06576	.05952	.05400	.04912
2	.07471	.06746	.06106	.05539	.05037
3	.07704	.06962	.06304	.05722	.05205
4	.07962	.07202	.06528	.05930	.05398
5	.08243	.07464	.06773	.06159	.05612
6	.08542	.07745	.07037	.06406	.05844
7	.08857	.08042	.07316	.06669	.06091
8	.09189	.08355	.07612	.06948	.06354
9	.09540	.08687	.07926	.07245	.06635
10	.09908	.09037	.08258	.07560	.06934
11	.10296	.09406	.08609	.07894	.07251
12	.10701	.09793	.08977	.08245	.07586
13	.11119	.10191	.09358	.08608	.07932
14	.11544	.10597	.09745	.08978	.08285
15	.11972	.11007	.10136	.09350	.08640
16	.12402	.11416	.10527	.09723	.08995
17	.12832	.11827	.10919	.10098	.09351
18	.13268	.12243	.11315	.10474	.09711
19	.13712	.12667	.11720	.10860	.10078
20	.14170	.13105	.12138	.11259	.10459
21	.14642	.13557	.12570	.11671	.10853
22	.15129	.14024	.13017	.12099	.11261
23	.15634	.14508	.13481	.12544	.11687
24	.16159	.15013	.13967	.13009	.12133
25	.16709	.15543	.14477	.13500	.12604
26	.17286	.16101	.15014	.14018	.13103
27	.17891	.16686	.15580	.14564	.13630
28	.18525	.17301	.16175	.15140	.14187
29	.19183	.17940	.16796	.15742	.14770
30	.19867	.18606	.17443	.16370	.15380
31	.20574	.19295	.18114	.17023	.16013
32	.21307	.20010	.18811	.17702	.16674
33	.22064	.20751	.19535	.18407	.17362
34	.22846	.21516	.20283	.19138	.18075
35	.23653	.22307	.21058	.19896	.18816
36	.24484	.23124	.21859	.20681	.19584
37	.25340	.23966	.22685	.21492	.20379
38	.26219	.24831	.23536	.22328	.21199
39	.27120	.25720	.24411	.23188	.22044
40	.28045	.26633	.25311	.24075	.22916
41	.28992	.27569	.26236	.24986	.23814
42	.29965	.28532	.27188	.25926	.24741
43	.30960	.29518	.28163	.26890	.25693
44	.31977	.30527	.29164	.27880	.26671
45	.33013	.31557	.30185	.28892	.27673
46	.34071	.32609	.31230	.29929	.28700
47	.35148	.33681	.32296	.30988	.29750
48	.36246	.34777	.33387	.32072	.30826
49	.37364	.35893	.34499	.33179	.31927
50	.38503	.37030	.35634	.34310	.33053
51	.39659	.38187	.36790	.35462	.34201
52	.40832	.39362	.37965	.36636	.35371
53	.42021	.40554	.39158	.37829	.36562
54	.43222	.41760	.40367	.39039	.37771
55	.44436	.42980	.41591	.40264	.38997
56	.45660	.44212	.42828	.41504	.40239
57	.46897	.45456	.44079	.42760	.41498
58	.48142	.46712	.45342	.44030	.42771
59	.49399	.47980	.46620	.45314	.44062
60	.50666	.49260	.47910	.46613	.45367
61	.51944	.50552	.49214	.47927	.46690
62	.53232	.51856	.50531	.49256	.48028
63	.54529	.53169	.51860	.50598	.49381
64	.55832	.54491	.53198	.51950	.50746
65	.57140	.55819	.54544	.53312	.52121
66	.58451	.57152	.55895	.54681	.53506
67	.59763	.58486	.57251	.56054	.54896
68	.61076	.59823	.58609	.57432	.56292
69	.62390	.61162	.59971	.58816	.57695
70	.63705	.62503	.61337	.60204	.59104
71	.65023	.63849	.62709	.61600	.60522
72	.66344	.65199	.64086	.63003	.61949
73	.67661	.66547	.65463	.64407	.63378
74	.68964	.67882	.66827	.65798	.64796
75	.70243	.69193	.68168	.67168	.66192
76	.71495	.70477	.69482	.68511	.67563
77	.72717	.71731	.70768	.69826	.68905
78	.73912	.72959	.72026	.71114	.70221
79	.75083	.74163	.73262	.72379	.71515
80	.76235	.75348	.74479	.73627	.72792
81	.77360	.76506	.75669	.74848	.74043
82	.78452	.77632	.76827	.76036	.75260
83	.79513	.78725	.77952	.77192	.76446

TABLE G.—TABLE, SINGLE LIFE, UNISEX, SHOWING THE PRESENT WORTH OF THE REMAINDER INTEREST IN PROPERTY TRANSFERRED TO A POOLED INCOME FUND HAVING THE YEARLY RATE OF RETURN SHOWN—Continued

(1) Age	(2) Yearly rate of return (percent)				
	4.2	4.4	4.6	4.8	5.0
84	.80547	.79792	.79051	.78322	.77606
85	.81557	.80636	.80126	.79429	.78742
86	.82524	.81835	.81157	.80489	.79832
87	.83423	.82764	.82115	.81477	.80847
88	.84253	.83623	.83002	.82390	.81787
89	.85033	.84430	.83836	.83250	.82672
90	.85784	.85208	.84639	.84079	.83525
91	.86502	.85951	.85408	.84871	.84342
92	.87164	.86638	.86118	.85605	.85098
93	.87761	.87257	.86759	.86287	.85781
94	.88290	.87806	.87327	.86854	.86396
95	.88750	.88282	.87820	.87364	.86913
96	.89136	.88683	.88236	.87793	.87355
97	.89481	.89041	.88606	.88178	.87750
98	.89783	.89354	.88930	.88511	.88096
99	.90067	.89649	.89235	.88826	.88420
100	.90349	.89941	.89538	.89138	.88743
101	.90600	.90202	.89807	.89416	.89029
102	.90873	.90484	.90099	.89717	.89339
103	.91217	.90841	.90468	.90099	.89733
104	.91553	.91188	.90827	.90469	.90114
105	.92047	.91701	.91358	.91018	.90680
106	.92819	.92504	.92191	.91880	.91571
107	.93868	.93596	.93325	.93056	.92788
108	.95471	.95267	.95064	.94862	.94661
109	.97985	.97893	.97801	.97710	.97619

TABLE G.—TABLE, SINGLE LIFE, UNISEX, SHOWING THE PRESENT WORTH OF THE REMAINDER INTEREST IN PROPERTY TRANSFERRED TO A POOLED INCOME FUND HAVING THE YEARLY RATE OF RETURN SHOWN

(1) Age	(2) Yearly rate of return (percent)				
	5.2	5.4	5.6	5.8	6.0
0	.06126	.05759	.05433	.05143	.04884
1	.04480	.04096	.03754	.03450	.03179
2	.04591	.04194	.03841	.03527	.03246
3	.04745	.04336	.03972	.03646	.03355
4	.04924	.04502	.04125	.03789	.03487
5	.05124	.04689	.04300	.03952	.03639
6	.05342	.04893	.04492	.04131	.03808
7	.05574	.05112	.04697	.04324	.03990
8	.05822	.05346	.04918	.04533	.04186
9	.06089	.05598	.05156	.04759	.04400
10	.06372	.05866	.05411	.05000	.04630
11	.06673	.06153	.05684	.05260	.04877
12	.06992	.06457	.05973	.05536	.05141
13	.07322	.06772	.06274	.05824	.05415
14	.07659	.07093	.06581	.06117	.05695
15	.07998	.07417	.06890	.06411	.05976
16	.08337	.07739	.07197	.06704	.06255
17	.08675	.08062	.07504	.06996	.06533
18	.09018	.08387	.07813	.07290	.06813
19	.09367	.08720	.08130	.07591	.07099
20	.09730	.09065	.08458	.07904	.07397
21	.10108	.09423	.08800	.08229	.07707
22	.10496	.09796	.09155	.08568	.08030
23	.10903	.10185	.09526	.08923	.08368
24	.11330	.10594	.09918	.09297	.08726
25	.11782	.11028	.10334	.09696	.09108
26	.12262	.11489	.10778	.10122	.09518
27	.12771	.11979	.11249	.10576	.09955
28	.13309	.12499	.11751	.11060	.10421
29	.13873	.13044	.12278	.11570	.10914
30	.14464	.13617	.12833	.12107	.11433
31	.15079	.14214	.13412	.12668	.11977
32	.15722	.14838	.14018	.13256	.12548
33	.16391	.15490	.14652	.13873	.13147
34	.17087	.16168	.15312	.14515	.13772
35	.17811	.16874	.16001	.15186	.14426
36	.18562	.17608	.16717	.15888	.15108
37	.19340	.18369	.17462	.16613	.15819
38	.20144	.19157	.18233	.17368	.16557
39	.20974	.19971	.19031	.18149	.17322
40	.21830	.20812	.19856	.18959	.18115
41	.22714	.21681	.20710	.19797	.18938

TABLE G.—TABLE, SINGLE LIFE, UNISEX, SHOWING THE PRESENT WORTH OF THE REMAINDER INTEREST IN PROPERTY TRANSFERRED TO A POOLED INCOME FUND HAVING THE YEARLY RATE OF RETURN SHOWN—Continued

(1) Age	(2) Yearly rate of return (percent)				
	5.2	5.4	5.6	5.8	6.0
42	.23627	.22579	.21594	.20665	.19791
43	.24566	.23505	.22505	.21562	.20673
44	.25532	.24458	.23445	.22488	.21585
45	.26522	.25436	.24410	.23440	.22523
46	.27538	.26441	.25402	.24420	.23490
47	.28579	.27471	.26421	.25427	.24484
48	.29647	.28529	.27469	.26463	.25508
49	.30739	.29613	.28543	.27527	.26562
50	.31859	.30724	.29646	.28620	.27645
51	.33001	.31860	.30774	.29740	.28755
52	.34167	.33020	.31928	.30886	.29893
53	.35355	.34204	.33105	.32057	.31058
54	.36562	.35407	.34304	.33250	.32243
55	.37787	.36630	.35523	.34465	.33452
56	.39029	.37870	.36761	.35699	.34682
57	.40289	.39130	.38020	.36956	.35935
58	.41565	.40408	.39297	.38231	.37208
59	.42859	.41704	.40595	.39529	.38504
60	.44170	.43019	.41912	.40847	.39822
61	.45499	.44353	.43250	.42187	.41164
62	.46845	.45706	.44607	.43548	.42527
63	.48208	.47078	.45984	.44930	.43913
64	.49583	.48461	.47377	.46329	.45317
65	.50971	.49859	.48784	.47744	.46738
66	.52369	.51269	.50204	.49173	.48175
67	.53774	.52688	.51635	.50614	.49625
68	.55187	.54115	.53075	.52066	.51088
69	.56607	.55551	.54526	.53530	.52563
70	.58035	.56997	.55987	.55006	.54053
71	.59474	.58455	.57463	.56498	.55559
72	.60923	.59924	.58952	.58004	.57082
73	.62375	.61398	.60446	.59518	.58613
74	.63818	.62864	.61933	.61026	.60140
75	.65240	.64310	.63402	.62515	.61649
76	.66636	.65731	.64846	.63981	.63135
77	.68005	.67124	.66263	.65420	.64596
78	.69347	.68492	.67655	.66836	.66033
79	.70669	.69840	.69028	.68232	.67452
80	.71973	.71171	.70384	.69613	.68856
81	.73252	.72477	.71717	.70970	.70237
82	.74499	.73751	.73016	.72295	.71587
83	.75713	.74992	.74284	.73589	.72905
84	.76901	.76206	.75527	.74857	.74198
85	.78067	.77402	.76748	.76104	.75471
86	.79185	.78548	.77921	.77304	.76695
87	.80228	.79617	.79015	.78423	.77838
88	.81193	.80607	.80029	.79460	.78899
89	.82102	.81540	.80965	.80438	.79899
90	.82979	.82441	.81909	.81384	.80867
91	.83820	.83304	.82795	.82292	.81796
92	.84598	.84104	.83616	.83134	.82657
93	.85300	.84826	.84357	.83894	.83437
94	.85924	.85468	.85017	.84570	.84130
95	.86466	.86025	.85589	.85158	.84732
96	.86922	.86494	.86071	.85652	.85238
97	.87329	.86913	.86501	.86093	.85690
98	.87685	.87279	.86877	.86479	.86085
99	.88019	.87622	.87230	.86841	.86456
100	.88351	.87964	.87580	.87200	.86824
101	.88646	.88267	.87891	.87519	.87150
102	.88965	.88594	.88227	.87863	.87503
103	.89370	.89011	.88654	.88301	.87952
104	.89763	.89414	.89068	.88725	.88385
105	.90345	.90013	.89683	.89356	.89032
106	.91265	.90961	.90658	.90358	.90060
107	.92522	.92258	.91995	.91734	.91474
108	.94461	.94262	.94063	.93866	.93670
109	.97529	.97438	.97348	.97259	.97170

TABLE G.—TABLE, SINGLE LIFE, UNISEX, SHOWING THE PRESENT WORTH OF THE REMAINDER INTEREST IN PROPERTY TRANSFERRED TO A POOLED INCOME FUND HAVING THE YEARLY RATE OF RETURN SHOWN—Cont.

(1) Age	(2) Yearly rate of return (percent)				
	6.2	6.4	6.6	6.8	7.0
0	.04653	.04447	.04262	.04095	.03946
1	.02937	.02720	.02525	.02351	.02194
2	.02994	.02769	.02567	.02385	.02221
3	.03094	.02860	.02650	.02460	.02290
4	.03216	.02973	.02755	.02556	.92360
5	.03359	.03106	.02879	.02674	.02488
6	.03517	.03255	.03019	.02805	.02612
7	.03688	.03416	.03171	.02949	.02747
8	.03874	.03592	.03337	.03106	.02896
9	.04077	.03784	.03519	.03279	.03061
10	.04295	.03992	.03717	.03467	.03240
11	.04531	.04217	.03931	.03672	.03436
12	.04782	.04457	.04161	.03892	.02647
13	.05045	.04708	.04402	.04122	.03868
14	.05312	.04964	.04646	.04357	.04093
15	.05581	.05220	.04891	.04591	.04317
16	.05847	.05474	.05134	.04822	.04538
17	.06111	.05726	.05374	.05051	.04756
18	.06378	.05979	.05615	.05280	.04974
19	.06650	.06238	.05861	.05514	.05196
20	.06933	.06507	.06117	.05758	.05429
21	.07228	.06788	.06384	.06013	.05671
22	.07535	.07081	.06664	.06279	.05925
23	.07858	.07389	.06958	.06559	.06192
24	.08201	.07717	.07270	.06858	.06477
25	.08567	.08067	.07606	.07179	.06785
26	.08960	.08444	.07968	.07527	.07118
27	.09380	.08849	.08357	.07901	.07478
28	.09830	.09283	.08775	.08304	.07867
29	.10306	.09742	.09218	.08732	.08280
30	.10808	.10228	.09688	.09187	.08720
31	.11335	.10738	.10182	.09665	.09182
32	.11889	.11275	.10704	.10170	.09672
33	.12471	.11840	.11252	.10703	.10189
34	.13079	.12432	.11827	.11261	.10732
35	.13716	.13052	.12431	.11849	.11305
36	.14381	.13701	.13063	.12465	.11905
37	.15075	.14378	.13724	.13110	.12534
38	.15796	.15083	.14412	.13782	.13190
39	.16545	.15815	.15129	.14483	.13875
40	.17322	.16576	.15874	.15212	.14589
41	.18129	.17367	.16649	.15971	.15332
42	.18967	.18190	.17456	.16763	.16108
43	.19834	.19041	.18293	.17585	.16915
44	.20731	.19924	.19160	.18437	.17753
45	.21655	.20834	.20055	.19318	.18619
46	.22606	.21773	.20981	.20229	.19516
47	.23590	.22741	.21935	.21170	.20443
48	.24602	.23741	.22922	.22144	.21403
49	.25644	.24770	.23939	.23148	.22394
50	.26716	.25831	.24989	.24185	.23419
51	.27816	.26921	.26068	.25253	.24475
52	.28945	.28040	.27176	.26351	.25562
53	.30100	.29187	.28313	.27478	.26679
54	.31279	.30357	.29475	.28631	.27822
55	.32482	.31553	.30663	.29810	.28992
56	.33707	.32771	.31875	.31014	.30188
57	.34955	.34015	.33112	.32244	.31411
58	.36225	.35280	.34372	.33499	.32659
59	.37519	.36571	.35659	.34781	.33936
60	.38836	.37886	.36971	.36089	.35239
61	.40177	.39226	.38309	.37425	.36572
62	.41542	.40591	.39674	.38788	.37932
63	.42930	.41981	.41064	.40178	.39321
64	.44338	.43392	.42477	.41591	.40734
65	.45765	.44823	.43910	.43027	.42171
66	.47208	.46271	.45364	.44483	.43630
67	.48666	.47736	.46834	.45958	.45108
68	.50138	.49215	.48320	.47450	.46605
69	.51624	.50711	.49824	.48961	.48122
70	.53125	.52223	.51345	.50491	.49660
71	.54645	.53755	.52889	.52045	.51223
72	.56183	.55307	.54453	.53621	.52809
73	.57731	.56870	.56030	.55211	.54412
74	.59275	.58431	.57606	.56801	.56015
75	.60803	.59976	.59168	.58379	.57607
76	.62308	.61500	.60709	.59936	.59179
77	.63789	.63000	.62227	.61470	.60730
78	.65247	.64477	.63723	.62984	.62261
79	.66687	.65938	.65203	.64483	.63777
80	.68114	.67386	.66672	.65971	.65284
81	.69518	.68812	.68119	.67438	.66770
82	.70891	.70207	.69535	.68875	.68227
83	.72232	.71572	.70922	.70283	.69655

TABLE G.—TABLE, SINGLE LIFE, UNISEX, SHOWING THE PRESENT WORTH OF THE REMAINDER INTEREST IN PROPERTY TRANSFERRED TO A POOLED INCOME FUND HAVING THE YEARLY RATE OF RETURN SHOWN—Continued

(1) Age	(2) Yearly rate of return (percent)				
	6.2	6.4	6.6	6.8	7.0
84	.73550	.72913	.72285	.71668	.71061
85	.74847	.74234	.73630	.73035	.72449
86	.76096	.75506	.74925	.74353	.73789
87	.77263	.76696	.76137	.75585	.75042
88	.78345	.77799	.77261	.76730	.76207
89	.79367	.78842	.78323	.77812	.77308
90	.80356	.79851	.79353	.78862	.78376
91	.81306	.80821	.80344	.79871	.79405
92	.82187	.81722	.81263	.80810	.80361
93	.82984	.82538	.82096	.81659	.81228
94	.83694	.83263	.82837	.82416	.81999
95	.84310	.83893	.83481	.83073	.82670
96	.84829	.84424	.84023	.83626	.83234
97	.85291	.84897	.84506	.84120	.83738
98	.85666	.85310	.84929	.84551	.84177
99	.86075	.85698	.85325	.84956	.84590
100	.86452	.86084	.85719	.85357	.85000
101	.86785	.86424	.86066	.85711	.85360
102	.87146	.86792	.86442	.86094	.85750
103	.87605	.87261	.86921	.86583	.86248
104	.88047	.87713	.87382	.87053	.86727
105	.88710	.88390	.88073	.87758	.87446
106	.89764	.89471	.89179	.88889	.88601
107	.91216	.90960	.90705	.90451	.90199
108	.93474	.93280	.93086	.92894	.92702
109	.97081	.96992	.96904	.96816	.96729

TABLE G.—TABLE, SINGLE LIFE, UNISEX, SHOWING THE PRESENT WORTH OF THE REMAINDER INTEREST IN PROPERTY TRANSFERRED TO A POOLED INCOME FUND HAVING THE YEARLY RATE OF RETURN SHOWN—Cont.

(1) Age	(2) Yearly rate of return (percent)				
	7.2	7.4	7.6	7.8	8.0
0	.03811	.03689	.03579	.03479	.03388
1	.02052	.01924	.01809	.01704	.01609
2	.02074	.01940	.01819	.01710	.01611
3	.02136	.01996	.01870	.01756	.01652
4	.02219	.02074	.01942	.01822	.01713
5	.02321	.02169	.02031	.01905	.01791
6	.02437	.02278	.02134	.02003	.01883
7	.02565	.02399	.02248	.02111	.01986
8	.02706	.02533	.02376	.02232	.02101
9	.02863	.02682	.02518	.02367	.02230
10	.03034	.02846	.02674	.02517	.02373
11	.03221	.03025	.02846	.02682	.02532
12	.03424	.03219	.03032	.02861	.02704
13	.03635	.03422	.03228	.03049	.02885
14	.03851	.03630	.03427	.03240	.03069
15	.04066	.03836	.03624	.03430	.03252
16	.04277	.04037	.03817	.03615	.03429
17	.04485	.04235	.04007	.03796	.03602
18	.04693	.04434	.04196	.03976	.03773
19	.04904	.04635	.04387	.04159	.03947
20	.05125	.04845	.04588	.04349	.04129
21	.05356	.05065	.04797	.04549	.04319
22	.05597	.05295	.05016	.04758	.04519
23	.05853	.05539	.05248	.04979	.04730
24	.06124	.05799	.05497	.05217	.04957
25	.06420	.06081	.05767	.05475	.05205
26	.06739	.06388	.06062	.05758	.05476
27	.07056	.06721	.06382	.06067	.05773
28	.07460	.07082	.06730	.06402	.06097
29	.07859	.07467	.07102	.06762	.06444
30	.08284	.07879	.07500	.07146	.06815
31	.08733	.08312	.07920	.07553	.07209
32	.09207	.08773	.08368	.07986	.07629
33	.09709	.09260	.08839	.08445	.08075
34	.10237	.09773	.09338	.08929	.08546
35	.10794	.10315	.09865	.09442	.09045
36	.11379	.10884	.10420	.09983	.09572
37	.11992	.11483	.11003	.10552	.10126
38	.12633	.12106	.11614	.11148	.10706
39	.13302	.12762	.12253	.11772	.11318
40	.14000	.13445	.12921	.12425	.11957
41	.14728	.14158	.13619	.13109	.12626

TABLE G.—TABLE, SINGLE LIFE, UNISEX, SHOWING THE PRESENT WORTH OF THE REMAINDER INTEREST IN PROPERTY TRANSFERRED TO A POOLED INCOME FUND HAVING THE YEARLY RATE OF RETURN SHOWN—Continued

(1) Age	(2) Yearly rate of return (percent)				
	7.2	7.4	7.6	7.8	8.0
42	.15490	.14904	.14350	.13825	.13326
43	.16260	.15680	.15111	.145072	.14060
44	.17104	.16488	.15905	.15351	.14825
45	.17955	.17326	.16727	.16159	.15619
46	.18838	.18194	.17582	.16999	.16445
47	.19751	.19093	.18467	.17870	.17302
48	.20696	.20026	.19386	.18776	.18194
49	.21676	.20991	.20338	.19715	.19119
50	.22689	.21991	.21325	.20689	.20080
51	.23732	.23023	.22344	.21695	.21074
52	.24808	.24086	.23396	.22735	.22102
53	.25914	.25181	.24479	.23807	.24252
54	.27047	.26304	.25591	.24908	.25372
55	.28208	.27455	.26733	.26039	.25372
56	.29395	.28633	.27901	.27197	.26521
57	.30610	.29840	.29099	.28388	.27700
58	.31851	.31074	.30325	.29604	.28909
59	.33122	.32337	.31581	.30853	.30150
60	.34420	.33630	.32867	.32132	.31422
61	.35748	.34953	.34185	.33444	.32727
62	.37106	.36307	.35535	.34788	.34066
63	.38492	.37691	.36915	.36165	.35438
64	.39905	.39102	.38324	.37571	.36841
65	.41342	.40539	.39760	.39005	.38272
66	.42803	.42000	.41221	.40465	.39731
67	.44283	.43483	.42705	.41949	.41215
68	.45784	.44987	.44211	.43457	.42724
69	.47307	.46513	.45741	.44990	.44254
70	.48851	.48063	.47296	.46549	.45821
71	.50422	.49641	.48880	.48139	.47416
72	.52018	.51246	.50493	.49758	.49042
73	.53631	.52870	.52126	.51400	.50691
74	.55247	.54497	.53764	.53048	.52347
75	.56852	.56115	.55393	.54687	.53997
76	.58439	.57714	.57005	.56311	.55632
77	.60005	.59294	.58599	.57917	.57249
78	.61551	.60856	.60174	.59506	.58851
79	.63084	.62405	.61739	.61085	.60443
80	.64609	.63946	.63296	.62657	.62030
81	.66114	.65469	.64835	.64213	.63602
82	.67589	.66963	.66347	.65742	.65146
83	.69037	.68429	.67831	.67243	.66684
84	.70463	.69875	.69296	.68728	.68165
85	.71872	.71304	.70745	.70194	.69651
86	.73253	.72685	.72146	.71614	.71089
87	.74507	.73978	.73458	.72944	.72438
88	.75691	.75181	.74679	.74183	.73694
89	.76810	.76319	.75834	.75355	.74883
90	.77897	.77424	.76957	.76496	.76040
91	.78945	.78490	.78040	.77596	.77158
92	.79919	.79481	.79048	.78621	.78198
93	.80801	.80380	.79963	.79550	.79143
94	.81587	.81180	.80777	.80379	.79985
95	.82271	.81877	.81487	.81100	.80719
96	.82846	.82462	.82083	.81707	.81335
97	.83360	.82985	.82615	.82248	.81885
98	.33808	.83441	.83079	.82720	.82365
99	.84228	.83869	.83514	.83163	.82815
100	.84645	.84294	.83947	.83603	.83262
101	.85012	.84666	.84327	.83988	.83653
102	.85409	.85072	.84737	.84405	.84077
103	.85917	.85588	.85262	.84939	.84619
104	.86403	.86083	.85765	.85449	.85136
105	.87136	.86829	.86524	.86221	.85921
106	.88315	.88032	.87750	.87470	.87192
107	.89949	.89700	.89452	.89206	.88961
108	.92511	.92321	.92132	.91944	.91757
109	.96642	.96555	.96468	.96382	.96296

TABLE G.—TABLE, SINGLE LIFE, UNISEX, SHOWING THE PRESENT WORTH OF THE REMAINDER INTEREST IN PROPERTY TRANSFERRED TO A POOLED INCOME FUND HAVING THE YEAR RATE OF RETURN SHOWN—Cont.

(1) Age	(2) Yearly rate of return (percent)				
	8.2	8.4	8.6	8.8	9.0
0	.03305	.03230	.03161	.03098	.03040
1	.01523	.01444	.01372	.01307	.01247
2	.01520	.01438	.01362	.01294	.01230
3	.01557	.01470	.01391	.01319	.01253
4	.01613	.01522	.01439	.01363	.01294
5	.01687	.01591	.01504	.01424	.01351
6	.01774	.01674	.01582	.01498	.01421
7	.01871	.01766	.01670	.01561	.01500
8	.01880	.01870	.01769	.01676	.01591
9	.02104	.01989	.01883	.01785	.01695
10	.02241	.02120	.02009	.01906	.01812
11	.02394	.02267	.02150	.02042	.01943
12	.02560	.02427	.02305	.02192	.02088
13	.02734	.02595	.02467	.02349	.02240
14	.02912	.02766	.02632	.02509	.02394
15	.03087	.02935	.02795	.02666	.02546
16	.03257	.03099	.02952	.02817	.02691
17	.03423	.03257	.03104	.02962	.02831
18	.03586	.03414	.03253	.03105	.02967
19	.03752	.03572	.03404	.03249	.03105
20	.03925	.03737	.03562	.03399	.03248
21	.04107	.03910	.03727	.03557	.03398
22	.04297	.04091	.03899	.03722	.03556
23	.04498	.04283	.04083	.03897	.03723
24	.04715	.04491	.04282	.04087	.03905
25	.04953	.04718	.04499	.04295	.04105
26	.05213	.04968	.04740	.04527	.04327
27	.05499	.05243	.05005	.04782	.04573
28	.05811	.05545	.05295	.05062	.04844
29	.06146	.05868	.05608	.05365	.05136
30	.06506	.06217	.05945	.05691	.05452
31	.06888	.06586	.06303	.06038	.05789
32	.07295	.06981	.06687	.06410	.06149
33	.07728	.07401	.07095	.06806	.06535
34	.08185	.07846	.07527	.07227	.06944
35	.08671	.08319	.07988	.07675	.07380
36	.09184	.08819	.08475	.08150	.07843
37	.09725	.09347	.08989	.08652	.08332
38	.10293	.09901	.09531	.09180	.08848
39	.10889	.10483	.10099	.09736	.09391
40	.11514	.11094	.10697	.10320	.09963
41	.12168	.11735	.11324	.10934	.10564
42	.12856	.12409	.11984	.11581	.11197
43	.13574	.13113	.12675	.12258	.11862
44	.14325	.13850	.13398	.12967	.12558
45	.15105	.14616	.14150	.13706	.13283
46	.15917	.15414	.14935	.14478	.14041
47	.16760	.16244	.15751	.15280	.14831
48	.17639	.17109	.16602	.16119	.15656
49	.18551	.18007	.17488	.16991	.16516
50	.19499	.18942	.18410	.17900	.17412
51	.20480	.19911	.19366	.18844	.18343
52	.21495	.20914	.20357	.19822	.19309
53	.22544	.21951	.21381	.20835	.20309
54	.23622	.23018	.22437	.21878	.21341
55	.24732	.24116	.23524	.22954	.22406
56	.25870	.25244	.24641	.24060	.23501
57	.27040	.26404	.25791	.25200	.24630
58	.28239	.27594	.26971	.26370	.25791
59	.29472	.28817	.28186	.27576	.26987
60	.30736	.30074	.29434	.28816	.28218
61	.32035	.31365	.30718	.30092	.29486
62	.33368	.32692	.32038	.31405	.30791
63	.34735	.34054	.33394	.32754	.32134
64	.36133	.35448	.34783	.34138	.33512
65	.37562	.36873	.36204	.35554	.34924
66	.39019	.38327	.37655	.37002	.36367
67	.40502	.39809	.39134	.38479	.37841
68	.42011	.41317	.40642	.39985	.39345
69	.43547	.42854	.42179	.41522	.40882
70	.45112	.44421	.43748	.43091	.42451
71	.46711	.46023	.45352	.44698	.44059
72	.48342	.47659	.46992	.46341	.45705
73	.49998	.49321	.48660	.48014	.47382
74	.51683	.50994	.50339	.49699	.49073
75	.53322	.52661	.52014	.51381	.50762
76	.54967	.54315	.53678	.53053	.52440
77	.56595	.55954	.55326	.54710	.54106
78	.58209	.57579	.56961	.56355	.55761
79	.59814	.59196	.58590	.57995	.57410
80	.61415	.60810	.60217	.59633	.59060
81	.63001	.62410	.61830	.61260	.60699
82	.64561	.63965	.63419	.62862	.62314
83	.66095	.65535	.64983	.64441	.63907

TABLE G.—TABLE, SINGLE LIFE, UNISEX, SHOWING THE PRESENT WORTH OF THE REMAINDER INTEREST IN PROPERTY TRANSFERRED TO A POOLED INCOME FUND HAVING THE YEAR RATE OF RETURN SHOWN—Continued

(1) Age	(2) Yearly rate of return (percent)				
	8.2	8.4	8.6	8.8	9.0
84	.67612	.67068	.66533	.66005	.65486
85	.69116	.68589	.68070	.67559	.67055
86	.70573	.70063	.69561	.69066	.68578
87	.71939	.71446	.70961	.70481	.70009
88	.73211	.72735	.72265	.71801	.71343
89	.74417	.73956	.73501	.73053	.72609
90	.75590	.75146	.74707	.74273	.73845
91	.76724	.76296	.75873	.75454	.75041
92	.77781	.77368	.76960	.76556	.76158
93	.78740	.78342	.77948	.77558	.77173
94	.79596	.79210	.78829	.78452	.78079
95	.80341	.79967	.79597	.79231	.78869
96	.80967	.80603	.80242	.79885	.79532
97	.81526	.81170	.80818	.80470	.80125
98	.82013	.81665	.81320	.80979	.80641
99	.82470	.82129	.81791	.81456	.81125
100	.82924	.82590	.82258	.81930	.81605
101	.83322	.82993	.82667	.82344	.82024
102	.83751	.83426	.83108	.82791	.82477
103	.84301	.83986	.83674	.83365	.83058
104	.84826	.84518	.84213	.83910	.83610
105	.85623	.85327	.85033	.84741	.84452
106	.86915	.86641	.86369	.86098	.85829
107	.88718	.88476	.88236	.87997	.87759
108	.91571	.91385	.91201	.91017	.90834
109	.96211	.96125	.96041	.95956	.95872

TABLE G.—TABLE, SINGLE LIFE, UNISEX, SHOWING THE PRESENT WORTH OF THE REMAINDER INTEREST IN PROPERTY TRANSFERRED TO A POOLED INCOME FUND HAVING THE YEARLY RATE OF RETURN SHOWN—Continued

(1) Age	(2) Yearly rate of return (percent)				
	9.2	9.4	9.6	9.8	10.0
0	.02987	.02938	.02893	.02851	.02812
1	.01192	.01141	.01094	.01051	.01012
2	.01173	.01119	.01070	.01025	.00983
3	.01192	.01136	.01084	.01036	.00992
4	.01229	.01170	.01116	.01066	.01019
5	.01283	.01221	.01164	.01111	.01062
6	.01350	.01284	.01224	.01166	.01116
7	.01425	.01356	.01292	.01233	.01178
8	.01512	.01439	.01372	.01309	.01252
9	.01612	.01535	.01464	.01398	.01337
10	.01724	.01644	.01569	.01499	.01435
11	.01851	.01766	.01688	.01615	.01547
12	.01991	.01902	.01819	.01742	.01671
13	.02139	.02045	.01958	.01877	.01802
14	.02288	.02190	.02098	.02013	.01934
15	.02435	.02331	.02235	.02146	.02063
16	.02575	.02466	.02366	.02272	.02185
17	.02709	.02595	.02490	.02391	.02300
18	.02839	.02721	.02610	.02507	.02410
19	.02971	.02846	.02730	.02621	.02520
20	.03108	.02977	.02855	.02741	.02635
21	.03251	.03114	.02986	.02866	.02755
22	.03402	.03258	.03123	.02998	.02880
23	.03562	.03410	.03269	.03137	.03014
24	.03735	.03577	.03428	.03290	.03159
25	.03927	.03761	.03605	.03459	.03322
26	.04141	.03966	.03803	.03649	.03505
27	.04377	.04194	.04023	.03861	.03710
28	.04639	.04447	.04267	.04098	.03938
29	.04922	.04721	.04532	.04354	.04187
30	.05228	.05017	.04819	.04633	.04457
31	.05554	.05334	.05126	.04930	.04746
32	.05904	.05674	.05456	.05251	.05058
33	.06279	.06038	.05810	.05595	.05392
34	.06677	.06435	.06187	.05962	.05750
35	.07102	.06839	.06590	.06355	.06132
36	.07553	.07278	.07019	.06773	.06540
37	.08030	.07745	.07474	.07217	.06974
38	.08534	.08237	.07955	.07687	.07433
39	.09065	.08755	.08462	.08182	.07917

TABLE G.—TABLE, SINGLE LIFE, UNISEX, SHOWING THE PRESENT WORTH OF THE REMAINDER INTEREST IN PROPERTY TRANSFERRED TO A POOLED INCOME FUND HAVING THE YEARLY RATE OF RETURN SHOWN—Continued—Continued

(1) Age	(2) Yearly rate of return (percent)				
	9.2	9.4	9.6	9.8	10.0
40	.09624	.09302	.08996	.08706	.08429
41	.10212	.09878	.09560	.09258	.08970
42	.10833	.10486	.10156	.09842	.09543
43	.11484	.11125	.10783	.10456	.10145
44	.12167	.11795	.11441	.11102	.10779
45	.12880	.12495	.12128	.11777	.11442
46	.13625	.13227	.12847	.12484	.12137
47	.14402	.13991	.13599	.13223	.12863
48	.15214	.14791	.14385	.13997	.13626
49	.16060	.15625	.15207	.14808	.14422
50	.16944	.16496	.16065	.15653	.15257
51	.17862	.17401	.16959	.16534	.16126
52	.18816	.18343	.17888	.17451	.17031
53	.19805	.19320	.18853	.18404	.17972
54	.20825	.20328	.19850	.19390	.18946
55	.21878	.21370	.20881	.20409	.19954
56	.22963	.22443	.21943	.21460	.20994
57	.24081	.23551	.23040	.22546	.22069
58	.25231	.24691	.24170	.23665	.23178
59	.26418	.25868	.25336	.24822	.24325
60	.27640	.27081	.26540	.26016	.25509
61	.28899	.28332	.27782	.27249	.26733
62	.30197	.29622	.29064	.28523	.27998
63	.31533	.30950	.30385	.29836	.29304
64	.32905	.32316	.31743	.31188	.30648
65	.34311	.33716	.33138	.32576	.32030
66	.35751	.35151	.34568	.34001	.33449
67	.37221	.36618	.36030	.35459	.34902
68	.38723	.38116	.37526	.36950	.36390
69	.40257	.39649	.39056	.38478	.37914
70	.41826	.41217	.40623	.40043	.39478
71	.43435	.42827	.42233	.41652	.41086
72	.45084	.44476	.43885	.43305	.42739
73	.46765	.46161	.45571	.44994	.44429
74	.48460	.47861	.47274	.46700	.46138
75	.50155	.49561	.48970	.48409	.47851
76	.51841	.51253	.50677	.50112	.49559
77	.53514	.52934	.52364	.51806	.51258
78	.55177	.54605	.54043	.53492	.52951
79	.56837	.56273	.55720	.55177	.54643
80	.58497	.57944	.57401	.56866	.56341
81	.60148	.59606	.59073	.58548	.58033
82	.61775	.61245	.60723	.60210	.59705
83	.63381	.62863	.62354	.61852	.61358
84	.64974	.64470	.63973	.63484	.63002
85	.66556	.66068	.65586	.65110	.64641
86	.68096	.67622	.67154	.66692	.66236
87	.69542	.69082	.68628	.68180	.67738
88	.70891	.70445	.70005	.69570	.69141
89	.72172	.71739	.71312	.70891	.70474
90	.73422	.73004	.72591	.72182	.71779
91	.74632	.74229	.73829	.73435	.73045
92	.75763	.75373	.74988	.74606	.74229
93	.76791	.76414	.76042	.75673	.75308
94	.77710	.77345	.76983	.76626	.76272
95	.78510	.78155	.77804	.77457	.77113
96	.79183	.78837	.78494	.78155	.77819
97	.79783	.79445	.79110	.78779	.78450
98	.80306	.79975	.79647	.79322	.79000
99	.80797	.80471	.80149	.79830	.79514
100	.81283	.80964	.80648	.80335	.80025
101	.81708	.81394	.81082	.80774	.80468
102	.82165	.81856	.81550	.81247	.80948
103	.82754	.82452	.82153	.81857	.81563
104	.83312	.83017	.82723	.82433	.82144
105	.84165	.83880	.83597	.83316	.83038
106	.85562	.85297	.85034	.84772	.84512
107	.87523	.87288	.87054	.86822	.86591
108	.90652	.90471	.90291	.90111	.89932
109	.95788	.95704	.95620	.95537	.95455

TABLE G.—TABLE, SINGLE LIFE, UNISEX, SHOWING THE PRESENT WORTH OF THE REMAINDER INTEREST IN PROPERTY TRANSFERRED TO A POOLED INCOME FUND HAVING THE YEARLY RATE OF RETURN—Continued

(1) Age	(2) Yearly rate of return (percent)				
	10.2	10.4	10.6	10.8	11.0
0	.02776	.02743	.02712	.02682	.02655
1	.00975	.00941	.00909	.00880	.00852
2	.00945	.00909	.00875	.00844	.00816
3	.00952	.00914	.00879	.00846	.00815
4	.00976	.00936	.00899	.00865	.00832
5	.01016	.00974	.00935	.00898	.00864
6	.01068	.01023	.00981	.00943	.00907
7	.01128	.01080	.01036	.00995	.00957
8	.01198	.01148	.01101	.01058	.01017
9	.01281	.01228	.01179	.01133	.01090
10	.01375	.01319	.01267	.01219	.01173
11	.01483	.01425	.01370	.01318	.01270
12	.01604	.01542	.01484	.01430	.01379
13	.01732	.01666	.01605	.01548	.01494
14	.01860	.01792	.01727	.01667	.01610
15	.01986	.01913	.01845	.01782	.01723
16	.02103	.02027	.01956	.01889	.01827
17	.02214	.02134	.02059	.01989	.01923
18	.02320	.02236	.02157	.02084	.02014
19	.02426	.02337	.02254	.02177	.02104
20	.02536	.02442	.02355	.02273	.02197
21	.02650	.02552	.02460	.02374	.02293
22	.02770	.02667	.02570	.02479	.02394
23	.02896	.02789	.02687	.02591	.02501
24	.03037	.02923	.02815	.02714	.02619
25	.03194	.03073	.02960	.02853	.02752
26	.03370	.03243	.03123	.03010	.02904
27	.03568	.03434	.03307	.03188	.03076
28	.03789	.03647	.03514	.03389	.03271
29	.04029	.03880	.03740	.03608	.03483
30	.04291	.04135	.03987	.03848	.03716
31	.04572	.04407	.04252	.04105	.03966
32	.04875	.04702	.04538	.04384	.04237
33	.05200	.05019	.04847	.04684	.04530
34	.05548	.05358	.05177	.05006	.04843
35	.05921	.05722	.05532	.05352	.05181
36	.06319	.06110	.05911	.05722	.05543
37	.06743	.06524	.06315	.06117	.05929
38	.07191	.06962	.06744	.06536	.06338
39	.07665	.074425	.07197	.06980	.06773
40	.08166	.07916	.07677	.07450	.07233
41	.08696	.08434	.08185	.07947	.07721
42	.09257	.08965	.08725	.08477	.08239
43	.09848	.09554	.09293	.09034	.08787
44	.10470	.10175	.09893	.09623	.09365
45	.11121	.10815	.10522	.10241	.09972
46	.11805	.11486	.11182	.10890	.10610
47	.12519	.12189	.11873	.11569	.11279
48	.13269	.12927	.12600	.12285	.11983
49	.14054	.13600	.13361	.13035	.12721
50	.14876	.14511	.14180	.13822	.13497
51	.15734	.15356	.14994	.14645	.14309
52	.16627	.16238	.15864	.15504	.15156
53	.17557	.17156	.16770	.16399	.16040
54	.18519	.18107	.17710	.17327	.16957
55	.19515	.19092	.18684	.18290	.17909
56	.20544	.20110	.19691	.19286	.18894
57	.21609	.21164	.20734	.20318	.19916
58	.22707	.22252	.21811	.21385	.20972
59	.23844	.23378	.22928	.22491	.22068
60	.25018	.24543	.24082	.23636	.23203
61	.26233	.25749	.25279	.24823	.24381
62	.27490	.26996	.26517	.26052	.25601
63	.28787	.28286	.27798	.27325	.26865
64	.30124	.29615	.29120	.28639	.28171
65	.31500	.30963	.30481	.29993	.29517
66	.32912	.32390	.31881	.31386	.30904
67	.34360	.33832	.33318	.32817	.32328
68	.35843	.35311	.34791	.34285	.33791
69	.37365	.36828	.36305	.35794	.35296
70	.38925	.38386	.37860	.37346	.36844
71	.40532	.39991	.39463	.38948	.38442
72	.42185	.41644	.41115	.40597	.40091
73	.43876	.43336	.42807	.42289	.41782
74	.45588	.45050	.44522	.44005	.43499
75	.47304	.46769	.46244	.45729	.45225
76	.49016	.48485	.47963	.47451	.46949
77	.50721	.50193	.49676	.49168	.48670
78	.52419	.51898	.51385	.50882	.50388
79	.54119	.53604	.53097	.52600	.52111
80	.55825	.55318	.54819	.54328	.53846
81	.57526	.57027	.56536	.56053	.55578
82	.59208	.58718	.58236	.57762	.57295
83	.60871	.60392	.59920	.59455	.58997

TABLE G.—TABLE, SINGLE LIFE, UNISEX, SHOWING THE PRESENT WORTH OF THE REMAINDER INTEREST IN PROPERTY TRANSFERRED TO A POOLED INCOME FUND HAVING THE YEARLY RATE OF RETURN—Continued

(1) Age	(2) Yearly rate of return (percent)				
	10.2	10.4	10.6	10.8	11.0
84	.62527	.62059	.61597	.61143	.60695
85	.64179	.63723	.63273	.62830	.62393
86	.65787	.65344	.64907	.64475	.64050
87	.67302	.66871	.66446	.66026	.65612
88	.68717	.68296	.67885	.67477	.67074
89	.70063	.69656	.69255	.68858	.68466
90	.71360	.70966	.70597	.70212	.69831
91	.72659	.72276	.71901	.71528	.71160
92	.73856	.73488	.73123	.72762	.72405
93	.74947	.74590	.74236	.73887	.73541
94	.75922	.75575	.75233	.74893	.74557
95	.76773	.76436	.76102	.75772	.75445
96	.77487	.77158	.76832	.76510	.76190
97	.78125	.77803	.77485	.77169	.76858
98	.78681	.78365	.78052	.77742	.77435
99	.79201	.78891	.78583	.78279	.77977
100	.79717	.79412	.79111	.78811	.78515
101	.80165	.79865	.79568	.79273	.78981
102	.80648	.80353	.80060	.79769	.79481
103	.81271	.80982	.80695	.80411	.80129
104	.81858	.81574	.81292	.81013	.80736
105	.83761	.82487	.82214	.81943	.81675
106	.84254	.83998	.83743	.83490	.83238
107	.86362	.86133	.85906	.85681	.85456
108	.89755	.89577	.89401	.89226	.89051
109	.95372	.95290	.95208	.95126	.95045

TABLE G.—TABLE, SINGLE LIFE, UNISEX, SHOWING THE PRESENT WORTH OF THE REMAINDER INTEREST IN PROPERTY TRANSFERRED TO A POOLED INCOME FUND HAVING THE YEARLY RATE OF RETURN SHOWN—Cont.

(1) Age	(2) Yearly rate of return (percent)				
	11.2	11.4	11.6	11.8	12.0
0	.02630	.02606	.02583	.02562	.02542
1	.00827	.00803	.00780	.00759	.00739
2	.00789	.00763	.00740	.00718	.00697
3	.00787	.00760	.00736	.00712	.00690
4	.00802	.00774	.00748	.00723	.00700
5	.00832	.00802	.00774	.00748	.00724
6	.00873	.00841	.00812	.00784	.00758
7	.00921	.00888	.00856	.00827	.00799
8	.00979	.00944	.00910	.00879	.00850
9	.01049	.01012	.00976	.00943	.00912
10	.01131	.01091	.01053	.01018	.00985
11	.01225	.01183	.01143	.01106	.01070
12	.01331	.01286	.01244	.01205	.01168
13	.01444	.01397	.01352	.01311	.01271
14	.01558	.01508	.01461	.01417	.01375
15	.01667	.01614	.01565	.01519	.01475
16	.01768	.01713	.01661	.01612	.01566
17	.01862	.01803	.01749	.01697	.01649
18	.01949	.01888	.01831	.01776	.01725
19	.02035	.01971	.01910	.01853	.01799
20	.02124	.02056	.01992	.01932	.01875
21	.02217	.02145	.02078	.02014	.01954
22	.02313	.02238	.02166	.02099	.02035
23	.02416	.02336	.02261	.02190	.02122
24	.02529	.02445	.02365	.02290	.02218
25	.02657	.02568	.02484	.02404	.02326
26	.02804	.02710	.02620	.02536	.02456
27	.02970	.02870	.02776	.02686	.02601
28	.03159	.03053	.02953	.02858	.02766
29	.03365	.03253	.03147	.03047	.02951
30	.03591	.03473	.03361	.03255	.03154
31	.03834	.03709	.03591	.03478	.03372
32	.04098	.03966	.03841	.03722	.03610
33	.04383	.04244	.04112	.03987	.03867
34	.04689	.04543	.04403	.04271	.04145
35	.05019	.04865	.04718	.04578	.04445
36	.05372	.05210	.05055	.04907	.04767
37	.05749	.05578	.05416	.05260	.05112
38	.06150	.05970	.05799	.05636	.05480
39	.06575	.06387	.06207	.06035	.05871
40	.07026	.06828	.06639	.06459	.06286
41	.07504	.07297	.07099	.06909	.06728
42	.08013	.07796	.07589	.07390	.07200

TABLE G.—TABLE, SINGLE LIFE, UNISEX, SHOWING THE PRESENT WORTH OF THE REMAINDER INTEREST IN PROPERTY TRANSFERRED TO A POOLED INCOME FUND HAVING THE YEARLY RATE OF RETURN SHOWN—Continued

(1) Age	(2) Yearly rate of return (percent)				
	11.2	11.4	11.6	11.8	12.0
43	.08550	.08323	.08106	.07896	.07699
44	.09118	.08881	.08654	.08437	.08228
45	.09714	.09467	.09230	.09003	.08784
46	.10341	.10084	.09837	.09599	.09371
47	.10999	.10731	.10473	.10226	.09988
48	.11693	.11414	.11145	.10888	.10639
49	.12420	.12130	.11852	.11583	.11325
50	.13185	.12884	.12595	.12316	.12047
51	.13985	.13674	.13373	.13084	.12805
52	.14822	.14499	.14188	.13888	.13598
53	.15695	.15361	.15039	.14729	.14428
54	.16601	.16256	.15924	.15602	.15292
55	.17542	.17186	.16843	.16511	.16190
56	.18516	.18150	.17796	.17454	.17122
57	.19527	.19150	.18786	.18433	.18091
58	.20573	.20186	.19811	.19448	.19096
59	.21659	.21262	.20877	.20504	.20142
60	.22784	.22377	.21982	.21599	.21227
61	.23952	.23535	.23131	.22738	.22357
62	.25163	.24737	.24324	.23922	.23531
63	.26418	.25984	.25561	.25151	.24751
64	.27718	.27273	.26842	.26423	.26015
65	.29054	.28604	.28165	.27738	.27322
66	.30434	.29976	.29530	.29096	.28672
67	.31852	.31388	.30935	.30494	.30063
68	.33310	.32840	.32381	.31933	.31496
69	.34809	.34334	.33870	.33417	.32975
70	.36353	.35874	.35405	.34948	.34500
71	.37948	.37466	.36994	.36532	.36081
72	.39595	.39111	.38636	.38172	.37718
73	.41286	.40801	.40325	.39859	.39403
74	.43004	.42518	.42042	.41575	.41118
75	.44730	.44245	.43770	.43304	.42846
76	.46457	.45974	.45500	.45035	.44579
77	.48181	.47700	.47229	.46766	.46311
78	.49903	.49426	.48958	.48497	.48045
79	.51631	.51159	.50694	.50238	.49789
80	.53371	.52905	.52446	.51994	.51550
81	.55110	.54650	.54197	.53752	.53313
82	.56835	.56382	.55937	.55497	.55065
83	.58546	.58101	.57663	.57231	.56806
84	.60253	.59817	.59388	.58965	.58547
85	.61961	.61536	.61116	.60703	.60294
86	.63630	.63215	.62806	.62402	.62004
87	.65203	.64800	.64401	.64007	.63619
88	.66676	.66282	.65894	.65510	.65131
89	.68079	.67696	.67318	.66944	.66574
90	.69455	.69084	.68716	.68353	.67993
91	.70795	.70435	.70078	.69726	.69377
92	.72052	.71703	.71357	.71015	.70677
93	.73198	.72860	.72524	.72192	.71864
94	.74225	.73896	.73570	.73248	.72928
95	.75121	.74801	.74483	.74169	.73858
96	.75874	.75561	.75250	.74943	.74639
97	.76546	.76240	.75936	.75635	.75336
98	.77131	.76830	.76531	.76235	.75942
99	.77678	.77382	.77088	.76798	.76509
100	.78221	.77930	.77642	.77356	.77072
101	.78691	.78404	.78119	.77837	.77557
102	.79196	.78912	.78632	.78353	.78077
103	.79649	.79372	.79297	.79024	.78753
104	.80460	.80188	.79917	.79648	.79381
105	.81406	.81143	.80881	.80620	.80361
106	.82989	.82740	.82494	.82249	.82006
107	.85233	.85012	.84791	.84572	.84353
108	.88877	.88704	.88532	.88361	.88190
109	.94964	.94883	.94803	.94723	.94643

TABLE G.—TABLE, SINGLE LIFE, UNISEX, SHOWING THE PRESENT WORTH OF THE REMAINDER INTEREST IN PROPERTY TRANSFERRED TO A POOLED INCOME FUND HAVING THE YEARLY RATE OF RETURN SHOWN—Continued

(1) Age	(2) Yearly rate of return (percent)				
	12.2	12.4	12.6	12.8	13.0
0	.02523	.02505	.02488	.02472	.02456
1	.00721	.00703	.00687	.00671	.00657
2	.00678	.00659	.00642	.00626	.00610
3	.00670	.00650	.00632	.00615	.00599
4	.00678	.00658	.00638	.00620	.00603
5	.00701	.00679	.00658	.00639	.00620
6	.00733	.00710	.00688	.00668	.00648
7	.00733	.00748	.00725	.00703	.00682
8	.00822	.00796	.00771	.00748	.00726
9	.00682	.00654	.00628	.00603	.00780
10	.00953	.00924	.00896	.00869	.00844
11	.01037	.01006	.00976	.00948	.00922
12	.01132	.01099	.01068	.01038	.01010
13	.01234	.01199	.01166	.01134	.01104
14	.01336	.01299	.01264	.01231	.01199
15	.01434	.01395	.01358	.01323	.01289
16	.01522	.01481	.01442	.01405	.01371
17	.01603	.01559	.01518	.01480	.01443
18	.01677	.01631	.01588	.01547	.01508
19	.01748	.01700	.01654	.01611	.01570
20	.01821	.01770	.01722	.01677	.01633
21	.01897	.01843	.01792	.01744	.01698
22	.01975	.01918	.01864	.01813	.01765
23	.02059	.01998	.01941	.01887	.01836
24	.02151	.02087	.02027	.01970	.01915
25	.02257	.02189	.02125	.02064	.02006
26	.02380	.02308	.02240	.02175	.02114
27	.02521	.02445	.02373	.02304	.02239
28	.02683	.02602	.02525	.02452	.02383
29	.02861	.02775	.02694	.02616	.02543
30	.03058	.02967	.02881	.02798	.02720
31	.03270	.03174	.03082	.02995	.02911
32	.03502	.03400	.03303	.03210	.03122
33	.03754	.03646	.03543	.03444	.03350
34	.04025	.03910	.03801	.03697	.03597
35	.04318	.04197	.04081	.03971	.03865
36	.04633	.04505	.04383	.04266	.04154
37	.04971	.04836	.04707	.04583	.04465
38	.05331	.05188	.05052	.04922	.04797
39	.05714	.05564	.05420	.05282	.05150
40	.06121	.05963	.05812	.05667	.05528
41	.06554	.06388	.06229	.06076	.05929
42	.07018	.06843	.06675	.06514	.06360
43	.07508	.07324	.07148	.06979	.06817
44	.08028	.07325	.07651	.07473	.07303
45	.08575	.08373	.08180	.07993	.07814
46	.09152	.08941	.08738	.08543	.08355
47	.09759	.09539	.09326	.09122	.08926
48	.10401	.10171	.09949	.09735	.09530
49	.11076	.10836	.10605	.10382	.10167
50	.11788	.11538	.11297	.11065	.10840
51	.12535	.12276	.12025	.11782	.11548
52	.13319	.13049	.12786	.12536	.12292
53	.14139	.13858	.13588	.13326	.13072
54	.14992	.14701	.14420	.14149	.13885
55	.15880	.15579	.15288	.15006	.14733
56	.16801	.16491	.16190	.15898	.15615
57	.17760	.17439	.17128	.16827	.16534
58	.18755	.18424	.18103	.17792	.17489
59	.19790	.19450	.19119	.18798	.18486
60	.20866	.20516	.20175	.19844	.19523
61	.21986	.21626	.21276	.20936	.20605
62	.23151	.22782	.22423	.22073	.21733
63	.24362	.23984	.23616	.23257	.22908
64	.25617	.25231	.24854	.24487	.24129
65	.26917	.26522	.26137	.25761	.25395
66	.28259	.27857	.27464	.27081	.26707
67	.29643	.29233	.28833	.28443	.28061
68	.31070	.30653	.30246	.29849	.29461
69	.32542	.32120	.31707	.31303	.30908
70	.34063	.33635	.33217	.32807	.32407
71	.35639	.35207	.34784	.34370	.33965
72	.37273	.36837	.36410	.35993	.35583
73	.38955	.38517	.38088	.37667	.37255
74	.40670	.40230	.39799	.39377	.38962
75	.42398	.41958	.41526	.41102	.40686
76	.44131	.43691	.43259	.42825	.42419
77	.45864	.45425	.44994	.44571	.44155
78	.47601	.47164	.46734	.46312	.45897
79	.49348	.48914	.48487	.48067	.47654
80	.51112	.50682	.50259	.49842	.49432
81	.52881	.52455	.52036	.51624	.51218
82	.54639	.54219	.53805	.53396	.52996
83	.56386	.55973	.55566	.55164	.54768

TABLE G.—TABLE, SINGLE LIFE, UNISEX, SHOWING THE PRESENT WORTH OF THE REMAINDER INTEREST IN PROPERTY TRANSFERRED TO A POOLED INCOME FUND HAVING THE YEARLY RATE OF RETURN SHOWN—Continued

(1) Age	(2) Yearly rate of return (percent)				
	12.2	12.4	12.6	12.8	13.0
84	.56136	.57730	.57329	.56934	.56545
85	.59891	.59494	.59102	.58715	.58333
86	.61610	.61222	.60839	.60460	.60086
87	.62335	.62856	.62481	.62111	.61746
88	.64757	.64386	.64021	.63659	.63302
89	.66209	.65848	.65491	.65139	.64790
90	.67638	.67287	.66939	.66596	.66256
91	.69032	.68691	.68353	.68019	.67689
92	.70342	.70011	.69683	.69359	.69038
93	.71539	.71217	.70899	.70584	.70271
94	.72612	.72299	.71989	.71683	.71379
95	.73550	.43245	.72943	.72643	.72347
96	.74337	.74039	.73743	.73450	.73160
97	.75041	.74748	.74458	.74171	.73888
98	.74652	.75364	.75079	.74797	.74517
99	.76224	.75941	.75660	.75382	.75106
100	.76791	.76513	.76237	.75963	.75692
101	.77280	.77005	.76732	.67462	.76194
102	.77804	.77532	.77263	.76996	.76732
103	.78485	.78218	.77954	.77692	.77432
104	.79117	.78854	.78594	.78335	.78078
105	.80103	.79848	.78595	.79343	.79093
106	.81764	.81524	.81285	.81048	.80613
107	.84137	.93921	.83706	.83493	.83281
108	.88020	.87651	.87682	.87515	.87348
109	.94563	.94484	.94405	.94326	.94248

TABLE G.—TABLE, SINGLE LIFE, UNISEX, SHOWING THE PRESENT WORTH OF THE REMAINDER INTEREST IN PROPERTY TRANSFERRED TO A POOLED INCOME FUND HAVING THE YEARLY RATE OF RETURN SHOWN—Cont.

(1) Age	(2) Yearly rate of return (percent)				
	13.2	13.4	13.6	13.8	14.0
0	.02442	.02428	.02414	.02402	.02389
1	.00643	.00629	.00617	.00605	.00594
2	.00596	.00582	.00569	.00556	.00544
3	.00583	.00569	.00555	.00542	.00529
4	.00586	.00571	.00556	.00542	.00529
5	.00603	.00587	.00571	.00556	.00542
6	.00630	.00612	.00595	.00580	.00565
7	.00663	.00644	.00626	.00610	.00594
8	.00705	.00685	.00666	.00648	.00631
9	.00757	.00736	.00716	.00697	.00679
10	.00821	.00798	.00777	.00756	.00737
11	.00896	.00872	.00850	.00828	.00807
12	.00963	.00958	.00934	.00911	.00889
13	.01076	.01049	.01024	.00999	.00976
14	.01170	.01141	.01114	.01088	.01064
15	.01258	.01228	.01200	.01172	.01147
16	.01337	.01306	.01276	.01247	.01220
17	.01408	.01375	.01343	.01313	.01284
18	.01471	.01436	.01403	.01371	.01341
19	.01531	.01494	.01459	.01426	.01394
20	.01592	.01553	.01516	.01481	.01447
21	.01656	.01614	.01574	.01537	.01502
22	.01719	.01675	.01634	.01594	.01557
23	.01767	.01741	.01697	.01655	.01615
24	.01863	.01814	.01768	.01723	.01681
25	.01952	.01899	.01850	.01802	.01757
26	.02056	.02000	.01947	.01897	.01849
27	.02177	.02118	.02061	.02008	.01956
28	.02317	.02254	.02194	.02137	.02082
29	.02472	.02405	.02342	.02281	.02223
30	.02645	.02574	.02506	.02441	.02379
31	.02832	.02756	.02684	.02615	.02549
32	.03037	.02957	.02880	.02806	.02736
33	.03261	.03175	.03093	.03015	.02940
34	.03502	.03411	.03324	.03241	.03162
35	.03764	.03668	.03576	.03488	.03403
36	.04048	.03945	.03847	.03754	.03664
37	.04352	.04244	.04140	.04040	.03945
38	.04677	.04563	.04453	.04347	.04246
39	.05024	.04903	.04787	.04675	.04568
40	.05394	.05266	.05143	.05025	.04912
41	.05789	.05653	.05524	.05399	.05279

TABLE G.—TABLE, SINGLE LIFE, UNISEX, SHOWING THE PRESENT WORTH OF THE REMAINDER INTEREST IN PROPERTY TRANSFERRED TO A POOLED INCOME FUND HAVING THE YEARLY RATE OF RETURN SHOWN—Continued

(1) Age	(2) Yearly rate of return (percent)				
	13.2	13.4	13.6	13.8	14.0
42	.06212	.06069	.05932	.05800	.05674
43	.06661	.06511	.06366	.06227	.06093
44	.07138	.06980	.06828	.06682	.06541
45	.07642	.07476	.07316	.07162	.07013
46	.08174	.08000	.07832	.07670	.07514
47	.08736	.08553	.08377	.08207	.08042
48	.09331	.09140	.08955	.08778	.08604
49	.09959	.09759	.09565	.09378	.09198
50	.10624	.10414	.10212	.10016	.09827
51	.11322	.11104	.10892	.10688	.10490
52	.12057	.11829	.11608	.11395	.11188
53	.12827	.12590	.12360	.12138	.11922
54	.13631	.13384	.13145	.12913	.12689
55	.14469	.14213	.13964	.13724	.13490
56	.15341	.15075	.14817	.14567	.14324
57	.16250	.15975	.15708	.15448	.15196
58	.17196	.16911	.16634	.16365	.16104
59	.18183	.17888	.17602	.17324	.17053
60	.19210	.18906	.18611	.18323	.18043
61	.20283	.19970	.19665	.19368	.19079
62	.21402	.21079	.20766	.20460	.20162
63	.22558	.22237	.21914	.21600	.21293
64	.23750	.23440	.23109	.22786	.22471
65	.25038	.24690	.24350	.24019	.23695
66	.26342	.25986	.25638	.25298	.24967
67	.27689	.27325	.26970	.26623	.26284
68	.29081	.28711	.28348	.27994	.27647
69	.30523	.30145	.29776	.29415	.29062
70	.32015	.31632	.31257	.30890	.30530
71	.33568	.33179	.32799	.32426	.32061
72	.35182	.34789	.34404	.34027	.33657
73	.36851	.36455	.36066	.35685	.35311
74	.38555	.38156	.37765	.37381	.37004
75	.40278	.39877	.39484	.39098	.38710
76	.42010	.41608	.41213	.40826	.40445
77	.43746	.43344	.42949	.42561	.42179
78	.45489	.45088	.44693	.44305	.43923
79	.47248	.46848	.46454	.46067	.45686
80	.49028	.48631	.48240	.47854	.47475
82	.50818	.50423	.50035	.49653	.49276
82	.52600	.52210	.51826	.51447	.51074
83	.54377	.53992	.53613	.53238	.52869
84	.56160	.55781	.55407	.55038	.54674
85	.57956	.57584	.57216	.56854	.56496
86	.59717	.59353	.58993	.58638	.58287
87	.61385	.61028	.60676	.60328	.59984
88	.62950	.62601	.62256	.61915	.61578
89	.64445	.64104	.63767	.63434	.63105
90	.65920	.65588	.65259	.64934	.64612
91	.67362	.67039	.66719	.66402	.66089
92	.68720	.68405	.68094	.67786	.67481
93	.69962	.69657	.69354	.69054	.68757
94	.71078	.70780	.70485	.70193	.69903
95	.72053	.71763	.71475	.71189	.70906
96	.72872	.72587	.72305	.72026	.71748
97	.73604	.73325	.73046	.72773	.72501
98	.74239	.73964	.73692	.73422	.73154
99	.74833	.74562	.74294	.74028	.73764
100	.75423	.75156	.74892	.74630	.74370
101	.75926	.75664	.75403	.75144	.74887
102	.76469	.76209	.75950	.75694	.75440
103	.77174	.76918	.76664	.76413	.76163
104	.77824	.77571	.77320	.77071	.76824
105	.78845	.78599	.78354	.78111	.77870
106	.80579	.80346	.80115	.79885	.79657
107	.83070	.82860	.82652	.82444	.82238
108	.87182	.87016	.86852	.86688	.86525
109	.94170	.94092	.94014	.93937	.93860

(e) *Present value of remainder interest dependent on the termination of one life; for transfers to pooled income funds made before December 1, 1983*—(1) *In general.* For transfers to pooled income funds made before December 1, 1983, the present value under this section of a remainder interest which is dependent on the termination of the life of one individual shall be determined under paragraphs (e) (1) through (3) of this section. * * * For transfers to pooled income funds made after November 30, 1983, see paragraphs (d) (1) through (3) of this section.

* * * * *

§ 1.664-1 [Amended]

Par. 7. Section 1.664-1 is amended as follows:

a. Paragraphs (a) (5) (i) (*a*) and (*b*) are amended by removing "6 percent" and inserting in lieu thereof "10 percent (6 percent before December 1, 1983)".

b. Paragraph (a) (5) (ii) (*a*) (*3*) is amended by removing "6 percent" and inserting in lieu thereof "10 percent (6 percent before December 1, 1983)".

§ 1.664-2 [Amended]

Par. 8. The last sentence of paragraph (c) of § 1.664-2 is amended by removing "§ 20.2031-10" and inserting in lieu thereof "§§ 20.2031-7 or 20.2031-10, whichever is appropriate,".

§ 1.664-4 [Amended]

Par. 9. Section 1.664-4 is amended as follows:

a. Paragraph (a) (1) (i) of § 1.664-4 is amended by removing "set forth in columns (2) (3), respectively, of table LN paragraph (f), § 20.2031-10" and inserting in lieu thereof "set forth in Table LN of paragraph (f) of §§ 20.2031-7 or 20.2031-10, whichever is appropriate,".

b. Paragraph (a) (1) (ii) is amended by removing "6 percent" and inserting in lieu thereof "10 percent (6 percent for transfers to charitable remainder unitrusts made before December 12, 1983)".

c. Paragraph (a) (3) is amended by removing the second and third to last sentences and inserting in lieu thereof "A copy of the publication containing many such special factors, may be purchased from the Superintendant of Documents, United States Government Printing Office, Washington, D.C. 20402."

d. Paragraphs (b) (1) through (5) are redesignated as paragraph (c) (1) through (5), respectively, and new paragraphs (b) (1) through (5) are inserted immediately following paragraph (a)(4) to read as set forth below.

e. The heading of redesignated paragraph (c) and the first sentence of redesignated paragraph (c) (1) are revised to read as set forth below.

f. A new sentence is added at the end of redesignated paragraph (c) (1) to read as set forth below.

§ 1.664-4 Calculation of the fair market value of the remainder interest in a charitable remainder unitrust.

* * * * *

(b) *Valuation of charitable remainder unitrusts having certain payout sequences; for transfers made after November 30, 1983*—(1) *In general.* For transfers made after November 30, 1983, the present value determined under this section of a remainder interest which is dependent on a term of years or the termination of the life of one individual shall be determined under paragraphs (b) (1) through (5) of this section provided that the amount of the payout as of any payout date during any taxable year of the trust is not larger than the amount which the trust could distribute on such date under paragraph (a) (1) (v) of § 1664.3 if the taxable year of the trust were to end on such date. The present value of the remainder interest in such trust shall be determined by computing the adjusted payout rate (as defined in paragraph (b) (2) of this section) and following the procedure outlined in paragraph (b) (3) or (b) (4) of this section, whichever is applicable. The present value of a remainder interest which is dependent on a term of years is computed under paragraph (b) (3) of this section. The present value of a remainder interest which is dependent on the termination of the life of one individual is computed under paragraph (b) (4) of this section. For transfers made before December 1, 1983, see paragraph (c) (1) through (5) of this section.

(2) *Adjusted payout rate.* The adjusted payout rate is determined by multiplying the fixed percentage described in paragraph (a) (1) (i) (*a*) of § 1.664-3 by the figure in column (2) of Table F (1) which describes the payout sequence of the trust opposite the number in column (1) of Table F (1) which corresponds to the number of months by which the valuation date for the first full taxable year of the trust precedes the first payout date for such taxable year. If the governing instrument does not prescribe when the distribution shall be made during the taxable year of the trust, see paragraph (a) (3) of this section. In the case of a trust having a payout sequence for which no figures have been provided by Table F (1) and in the case of a trust which determines the fair market value of the trust assets by taking the average of valuations on more than one date during the taxable year, see paragraph (a) (3) of this section.

(3) *Period is a term of years.* If the period described in paragraph (a)(5) of § 1.664-3 is a term of years, the factor which is used in determining the present

value of the remainder interest is the factor under the appropriate adjusted payout rate in column (2) of Table D in paragraph (b)(5) of this section opposite the number in column (1) of Table D which corresponds to the number of years in the term. If the adjusted payout rate is an amount which is between adjusted payout rates for which factors are provided in Table D, a linear interpolation must be made. The present value of the remainder interest is determined by multiplying the net fair market value (as of the appropriate valuation date) of the property placed in trust by the factor determined under this paragraph (b)(3). For purposes of this section, the term "appropriate valuation date" means the date on which the property is transferred to the trust by the donor except that, for purposes of section 2055 or 2106, it means the date of death unless the alternate valuation date is elected in accordance with section 2032 and the regulations thereunder in which event it means the alternate valuation date. If the adjusted payout rate is greater than 15 percent, see paragraph (a)(3) of this section. The application of this paragraph may be illustrated by the following example:

Example. D transfers $100,000 to a charitable remainder unitrust on January 1, 1984. The trust instrument requires that the trust pay to D semiannually (on June 30 and December 31) 10 percent of the fair market value of the trust assets as of June 30th for a term of 15 years. The adjusted payout rate is 9.767 percent (10% x 0.976731). The present value of the remainder interest is $21,404.90, computed as follows:

Factor at 9.6 percent for 15 years	0.220053
Factor at 9.8 percent for 15 years	.212862
Difference	.007191
9.767% − 9.6 ÷ 0.2% = x ÷ .007191	
x = .006004	
Factor at 9.6 percent for 15 years	0.220053
Less: X	.006004
Interpolated factor	.214049

Present value of remainder interest = $100,000 × 0.214049 = $21,404.90

(4) *Period is the life of one individual.* If the period described in paragraph (a)(5) of § 1.664–3 is the life of one individual, the factor which is used in determining the present value of the remainder interest is the factor under the appropriate adjusted payout rate in column (2) of Table E in paragraph (b)(5) of this section opposite the number in column (1) which corresponds to the age of the individual whose life measures the period. For purposes of the computations described in this paragraph (b)(4), the age of an individual is to be taken as the age of that individual at the individual's nearest birthday. If the adjusted payout rate is an amount which is between adjusted payout rates for which factors are provided for in Table E, a linear interpolation must be made. The present value of the remainder interest is determined by multiplying the net fair market value (as of the appropriate valuation date) of the property placed in trust by the factor determined under this paragraph (b)(4). If the adjusted payout rate is greater than 14 percent see paragraph (a)(3) of this section. The application of this paragraph may be illustrated by the following example:

Example. A, who will be 50 years old on April 15, 1984, transfers $100,000 to a charitable remainder unitrust on January 1, 1984. The trust instrument requires that the trust pay to A at the end of each taxable year of the trust 10 percent of the fair market value of the trust assets as of the beginning of each taxable year of the trust. The adjusted payout rate is 9.091 percent (10 percent × .909091). The present value of the remainder interest is $15,259.00 computed as follows:

Factor at 9 percent at age 50	0.15472
Factor at 9.2 percent at age 50	.15003
Difference	.00469
9.091% − 9% ÷ 0.2% = X ÷ 0.00469	
x = 0.00213	
Factor at 9 percent at age 50	.15472
Less: X	.00213
Interpolated factor	.15259

Present value of remainder interest = $100,000 × 0.15259 = $15,259.00

(5) *Actuarial Tables.* The following tables shall be used in the application of the provisions of this section:

TABLE D.—TABLE SHOWING THE PRESENT WORTH OF A REMAINDER INTEREST POSTPONED FOR A TERM OF YEARS IN A CHARITABLE REMAINDER UNITRUST HAVING THE ADJUSTED PAYOUT RATE SHOWN

(1) Years	(2) Adjusted payout rate				
	2.2%	2.4%	2.6%	2.8%	3.0%
1	.978000	.976000	.974000	.972000	.970000
2	.956484	.952576	.948676	.944784	.940900
3	.935441	.929714	.924010	.918330	.912673
4	.914862	.907401	.899966	.892617	.885293
5	.894735	.885623	.876587	.867624	.858734
6	.875051	.864368	.853795	.843330	.832972
7	.855799	.843624	.831597	.819717	.807983
8	.836972	.823377	.809975	.796765	.783743
9	.818558	.803616	.788916	.774455	.760231
10	.800550	.784329	.768404	.752771	.737424
11	.782938	.765505	.748425	.731693	.715301
12	.765713	.747133	.728966	.711206	.693842
13	.748868	.729202	.710013	.691292	.673027
14	.732393	.711701	.691553	.671936	.652836
15	.716280	.694620	.673573	.653121	.633251
16	.700522	.677949	.656060	.634834	.614254
17	.685110	.661678	.639002	.617059	.595826
18	.670038	.645798	.622388	.599781	.577951
19	.655297	.630299	.606206	.582967	.560613
20	.640881	.615172	.590445	.566664	.543794

TABLE D.—TABLE SHOWING THE PRESENT WORTH OF A REMAINDER INTEREST POSTPONED FOR A TERM OF YEARS IN A CHARITABLE REMAINDER UNITRUST HAVING THE ADJUSTED PAYOUT RATE SHOWN—Continued

(1) Years	(2) Adjusted payout rate				
	3.2%	3.4%	3.6%	3.8%	4.0%
1	.968000	.966000	.964000	.962000	.960000
2	.937024	.933156	.929296	.925444	.921600
3	.907039	.901429	.895841	.890277	.884736
4	.878014	.870780	.863591	.856447	.849347
5	.849918	.841174	.832502	.823902	.815373
6	.822720	.812574	.802532	.792593	.782758
7	.796393	.784946	.773641	.762475	.751447
8	.770909	.758256	.745790	.733501	.721390
9	.746239	.732477	.718941	.705628	.692534
10	.722360	.707573	.693059	.678814	.664833
11	.699244	.683516	.668109	.653019	.638239
12	.676868	.660276	.644057	.628204	.612710
13	.655209	.637827	.620871	.604332	.588201
14	.634242	.616141	.598520	.581368	.564673
15	.613946	.595192	.576973	.559276	.542086
16	.594300	.574955	.556202	.538023	.520403
17	.575282	.555407	.536179	.517578	.499587
18	.556873	.536523	.516878	.497911	.479603
19	.539053	.518281	.498269	.478990	.460419
20	.521804	.500660	.480331	.460788	.442002

TABLE D.—TABLE SHOWING THE PRESENT WORTH OF A REMAINDER INTEREST POSTPONED FOR A TERM OF YEARS IN A CHARITABLE REMAINDER UNITRUST HAVING THE ADJUSTED PAYOUT RATE SHOWN—Continued

(1) Years	(2) Adjusted payout rate				
	4.2%	4.4%	4.6%	4.8%	5.0%
1	.956000	.958000	.954000	.952000	.950000
2	.917764	.913936	.910116	.906304	.902500
3	.879218	.873723	.868251	.862801	.857375
4	.842291	.835279	.828311	.821387	.814506
5	.806915	.798527	.790209	.781960	.773781
6	.773024	.763392	.753859	.744426	.735092
7	.740557	.729802	.719182	.708694	.698337
8	.709454	.697691	.686099	.674677	.663420
9	.679657	.666993	.654539	.642292	.630249
10	.651111	.637645	.624430	.611462	.598737
11	.623764	.609589	.595706	.582112	.568800
12	.597566	.582767	.568304	.554170	.540860
13	.572469	.557125	.542162	.527570	.513342
14	.548425	.532611	.517222	.502247	.487675
15	.525391	.509177	.493430	.478139	.463291
16	.503325	.486773	.470732	.455188	.440127
17	.482185	.465355	.449079	.433339	.418120
18	.461933	.444879	.428421	.412539	.397214
19	.442532	.425304	.408714	.392737	.377354
20	.423946	.406591	.389913	.373886	.358486

TABLE D.—TABLE SHOWING THE PRESENT WORTH OF A REMAINDER INTEREST POSTPONED FOR A TERM OF YEARS IN A CHARITABLE REMAINDER UNITRUST HAVING THE ADJUSTED PAYOUT RATE SHOWN—Cont.

(1) Years	(2) Adjusted payout rate				
	5.2%	5.4%	5.6%	5.8%	6.0%
1	.948000	.946000	.944000	.942000	.940000
2	.898704	.894916	.891136	.887364	.883600
3	.851971	.846591	.841232	.835897	.830584
4	.807669	.800875	.794123	.787415	.780749
5	.765670	.757627	.749652	.741745	.733904
6	.725855	.716716	.707672	.689724	.689870
7	.688111	.678013	.668042	.658198	.648478
8	.652329	.641400	.630632	.620022	.609569
9	.618408	.606765	.595317	.584061	.572995
10	.586251	.573999	.561979	.550185	.538615
11	.555766	.543003	.530508	.518275	.506298
12	.526866	.513681	.500800	.488215	.475920
13	.499469	.485942	.472755	.459898	.447365
14	.473496	.459701	.446281	.433224	.420523

TABLE D.—TABLE SHOWING THE PRESENT WORTH OF A REMAINDER INTEREST POSTPONED FOR A TERM OF YEARS IN A CHARITABLE REMAINDER UNITRUST HAVING THE ADJUSTED PAYOUT RATE SHOWN—Continued

(1) Years	(2) Adjusted payout rate				
	5.2%	5.4%	5.6%	5.8%	6.0%
15	.448875	.434878	.421289	.408097	.395292
16	.425533	.411394	.397697	.384427	.371574
17	.403405	.389179	.375426	.362131	.349280
18	.382428	.368163	.354402	.341127	.328323
19	.362542	.348282	.334555	.321342	.308624
20	.343690	.329475	.315820	.302704	.290106

TABLE D.—TABLE SHOWING THE PRESENT WORTH OF A REMAINDER INTEREST POSTPONED FOR A TERM OF YEARS IN A CHARITABLE REMAINDER UNITRUST HAVING THE ADJUSTED PAYOUT RATE SHOWN—Continued

(1) Years	(2) Adjusted payout rate				
	6.2%	6.4%	6.6%	6.8%	7.0%
1	.938000	.936000	.934000	.932000	.930000
2	.879844	.876096	.872356	.868624	.864900
3	.825294	.820026	.814781	.809558	.804357
4	.774125	.767544	.761005	.754508	.748052
5	.726130	.718421	.710779	.703201	.695688
6	.681110	.672442	.663867	.655383	.646990
7	.638881	.629406	.620052	.610817	.601701
8	.599270	.589124	.579129	.569282	.559582
9	.562115	.551420	.540906	.530571	.520411
10	.527264	.516129	.505206	.494492	.483982
11	.494574	.483097	.471863	.460866	.450104
12	.463910	.452179	.440720	.429527	.418596
13	.435148	.423239	.411632	.400320	.389295
14	.408169	.396152	.384465	.373098	.362044
15	.382862	.370798	.359090	.347727	.336701
16	.359125	.347067	.335390	.324082	.313132
17	.336859	.324855	.313254	.302044	.291213
18	.315974	.304064	.292579	.281505	.270828
19	.296383	.284604	.273259	.262363	.251870
20	.278008	.266389	.255233	.244522	.234239

TABLE D.—TABLE SHOWING THE PRESENT WORTH OF A REMAINDER INTEREST POSTPONED FOR A TERM OF YEARS IN A CHARITABLE REMAINDER UNITRUST HAVING THE ADJUSTED PAYOUT RATE SHOWN—Continued

(1) Years	(2) Adjusted payout rate				
	7.2%	7.4%	7.6%	7.8%	8.0%
1	.928000	.926000	.924000	.922000	.920000
2	.861184	.857476	.853776	.850084	.846400
3	.799179	.794023	.788889	.783777	.778668
4	.741638	.735265	.728933	.722643	.716393
5	.688240	.680855	.673535	.666277	.659082
6	.638687	.630472	.622346	.614307	.606355
7	.592701	.583817	.575048	.566391	.557847
8	.550027	.540615	.531344	.522213	.513219
9	.510425	.500609	.490962	.481480	.472161
10	.473674	.463584	.453649	.443925	.434388
11	.439570	.429260	.419171	.409298	.399637
12	.407921	.397495	.387314	.377373	.367666
13	.378550	.368081	.357879	.347938	.338253
14	.351295	.340843	.330680	.320799	.311193
15	.326002	.315620	.305548	.295777	.286297
16	.302529	.292264	.282326	.272706	.263394
17	.280747	.270637	.260870	.251435	.242322
18	.260533	.250610	.241044	.231823	.222936
19	.241775	.232065	.222724	.213741	.205101
20	.224367	.214892	.205797	.197069	.188693

TABLE D.—TABLE SHOWING THE PRESENT WORTH OF A REMAINDER INTEREST POSTPONED FOR A TERM OF YEARS IN A CHARITABLE REMAINDER UNITRUST HAVING THE ADJUSTED PAYOUT RATE SHOWN—Continued

(1) Years	(2) Adjusted payout rate				
	8.2%	8.4%	8.6%	8.8%	9.0%
1	.918000	.916000	.914000	.912000	.910000
2	.842724	.839056	.835396	.831744	.828100
3	.773621	.768575	.763552	.758551	.753571
4	.710184	.704015	.697886	.691798	.685750
5	.651949	.644878	.637868	.630920	.624032
6	.598489	.590708	.583012	.575399	.567869
7	.549413	.541089	.532873	.524764	.516761
8	.504361	.495637	.487046	.478585	.470253
9	.463003	.454004	.445160	.436469	.427930
10	.425037	.415867	.406876	.398060	.389416
11	.390184	.380934	.371885	.363031	.354369
12	.358189	.348936	.339902	.331084	.322475
13	.328817	.319625	.310671	.301949	.293453
14	.301854	.292777	.283953	.275377	.267042
15	.277102	.268184	.259533	.251144	.243008
16	.254380	.245656	.237213	.229043	.221137
17	.233521	.225021	.216813	.208887	.201235
18	.214372	.206119	.198167	.190505	.183124
19	.196794	.188805	.181125	.173741	.166643
20	.180657	.172946	.165548	.158452	.151645

TABLE D.—TABLE SHOWING THE PRESENT WORTH OF A REMAINDER INTEREST POSTPONED FOR A TERM OF YEARS IN A CHARITABLE REMAINDER UNITRUST HAVING THE ADJUSTED PAYOUT RATE SHOWN—Continued

(1) Years	(2) Adjusted payout rate				
	9.2%	9.4%	9.6%	9.8$	10.0%
1	.908000	.906000	.904000	.902000	.900000
2	.824464	.820836	.817216	.813604	.810000
3	.748613	.743677	.738763	.733871	.729000
4	.679741	.673772	.667842	.661951	.656100
5	.617205	.610437	.603729	.597080	.590490
6	.560422	.553056	.545771	.538566	.531441
7	.508863	.501069	.493377	.485787	.478297
8	.462048	.453968	.446013	.438180	.430467
9	.419539	.411295	.403196	.395238	.387420
10	.380942	.372634	.364489	.356505	.348678
11	.345895	.337606	.329498	.321567	.313811
12	.314073	.305871	.297866	.290054	.282430
13	.285178	.277119	.269271	.261628	.254187
14	.258942	.251070	.243421	.235989	.228768
15	.235119	.227469	.220053	.212862	.205891
16	.213488	.206067	.198926	.192001	.185302
17	.193847	.186715	.179830	.173185	.166772
18	.176013	.169164	.162567	.156213	.150095
19	.159820	.153262	.146960	.140904	.135085
20	.145117	.138856	.132852	.127096	.121577

TABLE D.—TABLE SHOWING THE PRESENT WORTH OF A REMAINDER INTEREST POSTPONED FOR A TERM OF YEARS IN A CHARITABLE REMAINDER UNITRUST HAVING THE ADJUSTED PAYOUT RATE SHOWN—Continued

(1) Years	Adjusted payout rate				
	10.2%	10.4%	10.6%	10.8%	11.0%
1	.898000	.896000	.894000	.892000	.890000
2	.806404	.802816	.799236	.795664	.792100
3	.724151	.719323	.714517	.709732	.704969
4	.650267	.644514	.638778	.633061	.627422
5	.583958	.577484	.571068	.564708	.558406
6	.524394	.517426	.510535	.503720	.496981
7	.470906	.463613	.456418	.448318	.442313
8	.422674	.415398	.408038	.400792	.393659
9	.379741	.372196	.364786	.357506	.350356
10	.341007	.333488	.326118	.318896	.311817
11	.306224	.298805	.291550	.284455	.277517
12	.274989	.267729	.260645	.253734	.246990
13	.246941	.239886	.233017	.226331	.219821
14	.221753	.214937	.208317	.201887	.195641
15	.199134	.192584	.186236	.180083	.174121

TABLE D.—TABLE SHOWING THE PRESENT WORTH OF A REMAINDER INTEREST POSTPONED FOR A TERM OF YEARS IN A CHARITABLE REMAINDER UNITRUST HAVING THE ADJUSTED PAYOUT RATE SHOWN—Continued

(1) Years	Adjusted payout rate				
	10.2%	10.4%	10.6%	10.8%	11.0%
16	.178822	.172555	.166495	.160634	.154967
17	.160582	.154609	.148846	.143286	.137921
18	.144203	.138530	.133069	.127811	.122750
19	.129494	.124123	.118963	.114007	.109247
20	.116286	.111214	.106353	.101694	.097230

TABLE D.—TABLE SHOWING THE PRESENT WORTH OF A REMAINDER INTEREST POSTPONED FOR A TERM OF YEARS IN A CHARITABLE REMAINDER UNITRUST HAVING THE ADJUSTED PAYOUT RATE SHOWN—Continued

(1) Years	(2) Adjusted payout rate				
	11.2%	11.4%	11.6%	11.8%	12.0%
1	.888000	.886000	.884000	.882000	.880000
2	.788544	.784996	.781456	.777924	.774400
3	.700227	.695506	.690807	.686129	.681472
4	.621502	.616219	.610973	.605766	.599595
5	.552160	.545970	.539835	.533756	.527732
6	.490318	.483729	.477214	.470773	.464404
7	.435402	.428584	.421858	.415222	.408676
8	.386637	.379726	.372922	.366226	.359635
9	.343334	.336437	.329663	.323011	.316478
10	.304881	.298063	.291422	.284896	.278501
11	.270734	.264102	.257617	.251278	.245081
12	.240412	.233994	.227734	.221627	.215671
13	.213486	.207319	.201317	.195475	.189791
14	.189575	.183684	.177964	.172409	.167016
15	.168343	.162744	.157320	.152065	.146974
16	.149488	.144191	.139071	.134121	.129337
17	.132746	.127754	.122939	.118295	.113817
18	.117878	.113190	.108678	.104336	.100159
19	.104676	.100286	.096071	.092024	.088140
20	.092952	.088853	.084927	.081166	.077563

TABLE D.—TABLE SHOWING THE PRESENT WORTH OF A REMAINDER INTEREST POSTPONED FOR A TERM OF YEARS IN A CHARITABLE REMAINDER UNITRUST HAVING THE ADJUSTED PAYOUT RATE SHOWN—Continued

(1) Years	(2) Adjusted payout rate (percent)				
	12.2	12.4	12.6	12.8	13.0
1	.878000	.876000	.874000	.872000	.870000
2	.770864	.767376	.763876	.760384	.756900
3	.676836	.672221	.667628	.663055	.658503
4	.594262	.588866	.583507	.578184	.572898
5	.521762	.515847	.509985	.504176	.498421
6	.458107	.451882	.445727	.439642	.433628
7	.402218	.395848	.389565	.383368	.377255
8	.353147	.346763	.340480	.334297	.328212
9	.310063	.303764	.297579	.291507	.285544
10	.272236	.266098	.260084	.254194	.248423
11	.239023	.233102	.227314	.221657	.216128
12	.209862	.204197	.198672	.193285	.188032
13	.184259	.178877	.173640	.168544	.163586
14	.161779	.156696	.151761	.146971	.142321
15	.142042	.137266	.132639	.128156	.123819
16	.124713	.120245	.115927	.111754	.107723
17	.109496	.105334	.101320	.097450	.093719
18	.096139	.092273	.088554	.084976	.081535
19	.084410	.080831	.077396	.074099	.070936
20	.074112	.070808	.067644	.064614	.061714

TABLE D.—TABLE SHOWING THE PRESENT WORTH OF A REMAINDER INTEREST POSTPONED FOR A TERM OF YEARS IN A CHARITABLE REMAINDER UNITRUST HAVING THE ADJUSTED PAYOUT RATE SHOWN—Continued

(2) Adjusted payout rate (percent)	(1) Years				
	13.2	13.4	13.6	13.8	14.0
1	.868000	.866000	.864000	.862000	.860000
2	.753424	.749956	.746496	.743044	.739600
3	.653972	.649462	.644973	.640504	.636056
4	.567648	.562434	.557256	.552114	.547008
5	.492718	.487068	.481469	.475923	.470427
6	.427679	.421801	.415990	.410245	.404567
7	.371226	.365279	.359415	.353631	.347928
8	.322224	.316332	.310535	.304830	.299218
9	.279690	.274944	.268302	.262764	.257327
10	.242771	.237235	.231813	.226502	.221302
11	.210725	.205446	.200286	.195245	.190319
12	.182910	.177916	.173047	.168301	.163675
13	.158766	.154075	.149513	.145076	.140760
14	.137809	.133429	.129179	.125055	.121054
15	.119618	.115550	.111611	.107798	.104106
16	.103828	.100066	.096432	.092922	.089531
17	.090123	.086657	.083317	.080098	.076997
18	.078227	.075045	.071986	.069045	.066217
19	.067901	.064989	.062196	.059517	.056947
20	.058938	.056280	.053737	.051303	.048974

TABLE D.—TABLE SHOWING THE PRESENT WORTH OF A REMAINDER INTEREST POSTPONED FOR A TERM OF YEARS IN A CHARITABLE REMAINDER UNITRUST HAVING THE ADJUSTED PAYOUT RATE SHOWN—Continued

(2) Adjusted payout rate (percent)	(1) Years				
	14.2	14.4	14.6	14.8	15.0
1	.858000	.856000	.854000	.852000	.850000
2	.736164	.732736	.729316	.725904	.722500
3	.631629	.627222	.622836	.618470	.614125
4	.541937	.536902	.531902	.526937	.522006
5	.464992	.459588	.454244	.448950	.443705
6	.398955	.393407	.387925	.382505	.377150
7	.342303	.336757	.331288	.325895	.320577
8	.293696	.288264	.282920	.277662	.274291
9	.251991	.246754	.241613	.236568	.231617
10	.216209	.211221	.206338	.201558	.196874
11	.185507	.180805	.176212	.171726	.167343
12	.159165	.154769	.150485	.146310	.142242
13	.136564	.132483	.128515	.124656	.120905
14	.117172	.113405	.109751	.106207	.102770
15	.100533	.097075	.093728	.090489	.087354
16	.086257	.083096	.080043	.077096	.074251
17	.074009	.071130	.068357	.065686	.063113
18	.063500	.060887	.058377	.055965	.053646
19	.054483	.052120	.049854	.047682	.045599
20	.046746	.044614	.042575	.040625	.038760

TABLE E.—TABLE, SINGLE LIFE, UNISEX, SHOWING THE PRESENT WORTH OF THE REMAINDER INTEREST IN PROPERTY TRANSFERRED TO A UNITRUST HAVING THE ADJUSTED PAYOUT RATE SHOWN—Continued

(1) Age	(2) Adjusted payout rate (percent)				
	2.2	2.4	2.6	2.8	3.0
0	.23253	.20635	.18364	.16394	.14683
1	.22196	.19506	.17170	.15139	.13372
2	.22597	.19884	.17523	.15468	.13676
3	.23039	.20304	.17920	.15840	.14024
4	.23503	.20747	.18340	.16237	.14397

TABLE E.—TABLE, SINGLE LIFE, UNISEX, SHOWING THE PRESENT WORTH OF THE REMAINDER INTEREST IN PROPERTY TRANSFERRED TO A UNITRUST HAVING THE ADJUSTED PAYOUT RATE SHOWN—Continued

(1) Age	(2) Adjusted payout rate (percent)				
	2.2	2.4	2.6	2.8	3.0
5	.23988	.21211	.18783	.16656	.14793
6	.24489	.21693	.19243	.17094	.15207
7	.25004	.22189	.19718	.17546	.15637
8	.25534	.22701	.20209	.18016	.16084
9	.26080	.23230	.20718	.18503	.16549
10	.26640	.23774	.21243	.19008	.17031
11	.27217	.24335	.21786	.19530	.17532
12	.27807	.24911	.22344	.20068	.18049
13	.28407	.25497	.22913	.20618	.18579
14	.29013	.26089	.23489	.21175	.19115
15	.29621	.26684	.24067	.21735	.19655
16	.30229	.27279	.24647	.22296	.20196
17	.30838	.27876	.25228	.22859	.20739
18	.31451	.28477	.25813	.23427	.21287
19	.32070	.29085	.26407	.24003	.21844
20	.32699	.29704	.27012	.24591	.22413
21	.33339	.30335	.27629	.25192	.22996
22	.33991	.30977	.28259	.25807	.23592
23	.34655	.31634	.28904	.26437	.24205
24	.35334	.32306	.29566	.27085	.24836
25	.36031	.32998	.30248	.27754	.25490
26	.36746	.33710	.30952	.28446	.26167
27	.37481	.34443	.31676	.29161	.26869
28	.38236	.35197	.32427	.29901	.27596
29	.39006	.35968	.33194	.30660	.28344
30	.39793	.36757	.33980	.31439	.29113
31	.40594	.37561	.34783	.32237	.29902
32	.41410	.38383	.35605	.33054	.30711
33	.42240	.39220	.36444	.33890	.31541
34	.43084	.40072	.37299	.34744	.32389
35	.43942	.40941	.38172	.35617	.33258
36	.44813	.41824	.39061	.36508	.34146
37	.45696	.42720	.39966	.37416	.35053
38	.46591	.43630	.40885	.38339	.35977
39	.47496	.44552	.41818	.39278	.36917
40	.48412	.45486	.42765	.40232	.37875
41	.49338	.46432	.43725	.41201	.38849
42	.50275	.47391	.44700	.42187	.39840
43	.51221	.48360	.45686	.43186	.40847
44	.52175	.49340	.46685	.44199	.41870
45	.53136	.50327	.47693	.45223	.42905
46	.54104	.51323	.48712	.46259	.43953
47	.55077	.52327	.49739	.47305	.45013
48	.56058	.53339	.50777	.48363	.46087
49	.57043	.54358	.51823	.49432	.47173
50	.58035	.55384	.52879	.50510	.48271
51	.59029	.56415	.53940	.51597	.49379
52	.60027	.57450	.55008	.52692	.50496
53	.61026	.58488	.56080	.53793	.51620
54	.62025	.59528	.57154	.54897	.52750
55	.63022	.60567	.58230	.56004	.53884
56	.64018	.61606	.59306	.57113	.55021
57	.65012	.62644	.60384	.58225	.56163
58	.66004	.63681	.61461	.59337	.57306
59	.66993	.64717	.62538	.60452	.58453
60	.67979	.65751	.63615	.61567	.59602
61	.68963	.66784	.64692	.62683	.60754
62	.69944	.67815	.65769	.63801	.61908
63	.70922	.68844	.66843	.64918	.63063
64	.71893	.69868	.67915	.66032	.64217
65	.72859	.70886	.68982	.67144	.65369
66	.73817	.71897	.70043	.68250	.66517
67	.74766	.72901	.71096	.69350	.67660
68	.75706	.73896	.72142	.70443	.68796
69	.76637	.74882	.73181	.71530	.69926
70	.77559	.75861	.74212	.72610	.71053
71	.78475	.76833	.75237	1.73685	1.72176
72	.79383	.77799	.76257	.74756	.73294
73	.80279	.78753	.77266	.75816	.74403
74	.81158	.79689	.78256	.76858	.75494
75	.82013	.80602	.79223	.77876	.76561
76	.82844	.81488	.80163	.78867	.77599
77	.83648	.82347	.81075	.79829	.78609
78	.84428	.83182	.81961	.80764	.79592
79	.85187	.83994	.82824	.81677	.80552

TABLE E.—TABLE, SINGLE LIFE, UNISEX, SHOWING THE PRESENT WORTH OF THE REMAINDER INTEREST IN PROPERTY TRANSFERRED TO A UNITRUST HAVING THE ADJUSTED PAYOUT RATE SHOWN—Continued

(1) Age	(2) Adjusted payout rate (percent)				
	2.2	2.4	2.6	2.8	3.0
80	.85927	.84787	.83668	.82569	.81491
81	.86645	.85556	.84487	.83437	.82404
82	.87336	.86299	.85278	.84275	.83288
83	.88003	.87014	.86042	.85084	.84142
84	.88648	.87708	.86782	.85870	.84971
85	.89273	.88381	.87501	.86633	.85778
86	.89868	.89021	.88185	.87360	.86547
87	.90417	.89613	.88818	.88034	.87260
88	.90923	.90158	.89402	.88655	.87917
89	.91396	.90668	.89948	.89237	.88533
90	.91849	.91156	.90471	.89794	.89124
91	.92278	.91620	.90968	.90324	.89686
92	.92673	.92046	.91426	.90812	.90204
93	.93027	.92429	.91837	.91251	.90670
94	.93341	.92768	.92201	.91639	.91082
95	.93612	.93062	.92516	.91976	.91440
96	.93841	.93309	.92782	.92259	.91740
97	.94044	.93529	.93018	.92512	.92009
98	.94223	.93723	.93226	.92733	.92244
99	.94392	.93905	.93421	.92942	.92466
100	.94559	.94086	.93615	.93149	.92685
101	.94709	.94248	.93790	.93334	.92882
102	.94873	.94424	.93979	.93536	.93096
103	.95077	.94645	.94216	.93789	.93365
104	.95278	.94862	.94449	.94037	.93628
105	.95570	.95178	.94787	.94399	.94012
106	.96017	.95662	.95309	.94957	.94607
107	.96616	.96313	.96010	.95709	.95408
108	.97515	.97291	.97067	.96843	.96620
109	.98900	.98800	.98700	.98600	.98500

TABLE E.—TABLE, SINGLE LIFE, UNISEX, SHOWING THE PRESENT WORTH OF THE REMAINDER INTEREST IN PROPERTY TRANSFERRED TO A UNITRUST HAVING THE ADJUSTED PAYOUT RATE SHOWN—Continued

(1) Years	(2) Adjusted payout rate (percent)				
	3.2	3.4	3.6	3.8	4.0
0	.13196	.11901	.10774	.09791	.08933
1	.11834	.10493	.09324	.08303	.07410
2	.12113	.10749	.09557	.08514	.07601
3	.12437	.11050	.09835	.08770	.07837
4	.12787	.11376	.10138	.09052	.08098
5	.13159	.11725	.10465	.09357	.08382
6	.13549	.12092	.10810	.09680	.08684
7	.13956	.12476	.11171	.10019	.09002
8	.14380	.12877	.11549	.10376	.09337
9	.14822	.13296	.11946	.10751	.09691
10	.15282	.13734	.12361	.11144	.10063
11	.15761	.14190	.12795	.11556	.10454
12	.16257	.14663	.13247	.11986	.10863
13	.16764	.15149	.13711	.12428	.12283
14	.17279	.15643	.14182	.12878	.11712
15	.17798	.16140	.14657	.13331	.12143
16	.18318	.16638	.15133	.13785	.12576
17	.18840	.17138	.15611	.14241	.13010
18	.19367	.17643	.16094	.14702	.13449
19	.19903	.18157	.16586	.15172	.13897
20	.20452	.18685	.17092	.15655	.14358
21	.21014	.19226	.17612	.16153	.14833
22	.21591	.19783	.18146	.16665	.15324
23	.22185	.20356	.18698	.17195	.15832
24	.22798	.20949	.19270	.17746	.16361
25	.23434	.21565	.19866	.18321	.16914
26	.24094	.22207	.20489	.18922	.17494
27	.24780	.22875	.21138	.19551	.18102
28	.25492	.23570	.21814	.20208	.18739
29	.26226	.24288	.22514	.20889	.19400
30	.26982	.25029	.23239	.21596	.20088
31	.27759	.25792	.23985	.22324	.20798
32	.28557	.26577	.24755	.23078	.21533

TABLE E.—TABLE, SINGLE LIFE, UNISEX, SHOWING THE PRESENT WORTH OF THE REMAINDER INTEREST IN PROPERTY TRANSFERRED TO A UNITRUST HAVING THE ADJUSTED PAYOUT RATE SHOWN—Continued

(1) Years	(2) Adjusted payout rate (percent)				
	3.2	3.4	3.6	3.8	4.0
33	.29377	.27385	.25548	.23855	.22293
34	.30217	.28214	.26364	.24656	.23077
35	.31079	.29065	.27203	.25481	.23887
36	.31961	.29939	.28065	.26330	.24721
37	.32863	.30833	.28950	.27202	.25579
38	.33784	.31747	.29855	.28096	.26460
39	.34722	.32680	.30780	.29011	.27363
40	.35679	.33633	.31727	.29948	.28290
41	.36654	.34606	.32693	.30908	.29239
42	.37648	.35599	.33683	.31890	.30213
43	.38659	.36610	.34691	.32894	.31209
44	.39687	.37640	.35720	.33918	.32227
45	.40728	.38685	.36765	.34961	.33265
46	.41785	.39746	.37828	.36023	.34323
47	.42856	.40823	.38908	.37103	.35400
48	.43941	.41917	.40006	.38202	.36499
49	.45040	.43025	.41121	.39320	.37617
50	.46153	.44149	.42252	.40457	.38756
51	.47277	.45286	.43398	.41609	.39911
52	.48412	.46435	.44558	.42776	.41084
53	.49556	.47595	.45731	.43958	.42272
54	.50707	.48763	.46913	.45151	.43473
55	.51864	.49939	.48104	.46354	.44685
56	.53026	.51121	.49303	.47567	.45908
57	.54192	.52310	.50510	.48789	.47143
58	.55363	.53503	.51723	.50019	.48387
59	.56538	.54703	.52945	.51258	.49642
60	.57717	.55909	.54173	.52506	.50906
61	.58901	.57120	.55408	.53763	.52181
62	.60087	.58336	.56650	.55028	.53466
63	.61277	.59556	.57898	.56300	.54760
64	.62467	.60778	.59149	.57577	.56060
65	.63655	.62000	.60402	.58857	.57365
66	.64842	.63221	.61654	.60139	.58672
67	.66023	.64439	.62905	.61420	.59980
68	.67200	.65653	.64154	.62699	.61289
69	.68373	.66865	.65400	.63978	.62598
70	.69541	.68072	.66645	.65257	.63908
71	.70708	.69279	.67890	.66538	.65222
72	.71870	.70484	.69134	.67819	.66538
73	.73025	.71682	.70372	.69095	.67850
74	.74163	.72863	.71595	.70356	.69147
75	.75275	.74019	.72792	.71593	.70421
76	.76360	.75147	.73962	.72802	.71667
77	.77415	.76246	.75102	.73981	.72883
78	.78443	.77318	.76214	.75133	.74073
79	.79448	.78365	.77303	.76261	.75238
80	.80432	.79392	.78371	.77369	.76384
81	.81390	.80393	.79413	.78450	.77504
82	.82317	.81362	.80423	.79499	.78590
83	.83214	.82301	.81402	.80517	.79645
84	.84086	.83214	.82355	.81508	.80674
85	.84935	.84104	.83294	.82476	.81679
86	.85745	.84953	.84172	.83401	.82640
87	.86496	.85741	.84996	.84260	.83533
88	.87189	.86468	.85757	.85054	.84359
89	.87838	.87150	.86471	.85799	.85135
90	.88461	.87806	.87157	.86516	.85881
91	.89055	.88430	.87812	.87200	.86594
92	.89602	.89006	.88416	.87831	.87252
93	.90094	.89524	.88959	.88400	.87846
94	.90530	.89983	.89441	.88904	.88372
95	.90908	.90381	.89859	.89341	.88828
96	.91226	.90716	.90211	.89709	.89212
97	.91510	.91015	.90525	.90038	.89555
98	.91759	.91277	.90800	.90326	.89855
99	.91993	.91524	.91058	.90596	.90137
100	.92225	.91766	.91315	.90865	.90417
101	.92433	.91987	.91544	.91104	.90667
102	.92659	.92225	.91793	.91364	.90938
103	.92943	.92524	.92107	.91692	.91280
104	.93221	.92816	.92413	.92012	.91614
105	.93627	.93244	.92863	.92483	.92105
106	.94257	.93909	.93562	.93217	.92872
107	.95107	.94808	.94509	.94211	.93914
108	.96396	.96173	.95950	.95726	.95505
109	.98400	.98300	.98200	.98100	.98000

TABLE E.—TABLE, SINGLE LIFE, UNISEX, SHOWING THE PRESENT WORTH OF THE REMAINDER INTEREST IN PROPERTY TRANSFERRED TO A UNITRUST HAVING THE ADJUSTED PAYOUT RATE SHOWN—Continued

(1) Age	(2) Adjusted payout rate (percent)				
	4.2	4.4	4.6	4.8	5.0
0	.08183	.07527	.06952	.06448	.06005
1	.06629	.05945	.05344	.04817	.04354
2	.06801	.06098	.05481	.04939	.04460
3	.07017	.06297	.05663	.05104	.04611
4	.07259	.06520	.05868	.05294	.04786
5	.07523	.06765	.06096	.05505	.04982
6	.07805	.07029	.06342	.05734	.05195
7	.08103	.07307	.06603	.05978	.05423
8	.08418	.07603	.06880	.06238	.05666
9	.08752	.07917	.07175	.06516	.05928
10	.09103	.08249	.07488	.06811	.06206
11	.09473	.08600	.07820	.07125	.06503
12	.09861	.08968	.08169	.07456	.06817
13	.10261	.09348	.08530	.07799	.071442
14	.10669	.09735	.08899	.08148	.07474
15	.11080	.10126	.09269	.08500	.07808
16	.11491	.10516	.09640	.08852	.08142
17	.11903	.10908	.10012	.09204	.08475
18	.12321	.11304	.10387	.09560	.08812
19	.12747	.11709	.10771	.09923	.09156
20	.13186	.12126	.11168	.10300	.09513
21	.13639	.12558	.11578	.10690	.09883
22	.14108	.13005	.12004	.11094	.10268
23	.14594	.13469	.12446	.11516	.10669
24	.15101	.13954	.12910	.11958	.11091
25	.15632	.14464	.13398	.12426	.11537
26	.16191	.15001	.13914	.12920	.12011
27	.16778	.15567	.14459	.13444	.12514
28	.17394	.16162	.15032	.13997	.13046
29	.18035	.16782	.15632	.14575	.13604
30	.18702	.17429	.16259	.15181	.14189
31	.19393	.18100	.16909	.15811	.14799
32	.20109	.18797	.17586	.16468	.15436
33	.20851	.19520	.18290	.17152	.16100
34	.21618	.20268	.19018	.17861	.16789
35	.22411	.21043	.19775	.18599	.17508
36	.23228	.21844	.20558	.19363	.18253
37	.24071	.22670	.21367	.20154	.19026
38	.24938	.23521	.22201	.20971	.19825
39	.25827	.24396	.23060	.21814	.20650
40	.26741	.25295	.23945	.22682	.21502
41	.27679	.26220	.24855	.23577	.22381
42	.28642	.27172	.25793	.24501	.23289
43	.29629	.28147	.26756	.25450	.24224
44	.30639	.29147	.27745	.26426	.25186
45	.31669	.30169	.28756	.27426	.26173
46	.32722	.31213	.29791	.28450	.27185
47	.33795	.32280	.30849	.29498	.28222
48	.34890	.3337o	.31932	.30573	.29287
49	.36007	.34482	.33039	.31672	.30377
50	.37144	.35617	.34170	.32797	.31494
51	.38301	.36773	.35322	.33944	.32635
52	.39476	.37948	.36495	.35113	.33799
53	.40668	.39141	.37688	.36304	.34986
54	.41874	.40350	.38897	.37512	.36191
55	.43093	.41574	.40123	.38739	.37416
56	.44324	.42811	.41364	.39980	.38657
57	.45568	.44062	.42620	.41240	.39918
58	.46823	.45325	.43890	.42514	.41194
59	.48091	.46603	.45175	.43805	.42489
60	.49370	.47893	.46475	.45112	.43802
61	.50661	.49198	.47790	.46436	.45133
62	.51963	.50515	.49120	.47776	.46481
63	.53275	.51844	.50463	.49131	.47846
64	.54596	.53182	.51817	.50498	.49225
65	.55922	.54528	.53180	.51877	.50616
66	.57253	.55880	.54551	.53264	.52018
67	.58586	.57235	.55926	.54657	.53427
68	.59921	.58594	.57306	.56057	.54845
69	.61258	.59956	.58692	.57463	.56270
70	.62597	.61322	.60082	.58877	.57704
71	.63941	.62695	.61481	.60300	.59149
72	.65289	.64073	.62887	.61731	.60605
73	.66635	.65449	.64293	.63165	.62064
74	.67976	.66814	.65698	.64598	.63514
75	.69275	.68158	.67061	.65990	.64944
76	.70557	.69470	.68407	.67366	.66348
77	.71809	.70756	.69724	.68714	.67724
78	.73033	.72014	.71015	.70036	.69075
79	.74235	.73251	.72284	.71336	.70405
80	.75417	.74468	.73535	.72619	.71718
81	.76573	.75659	.74759	.73875	.73006
82	.77696	.76816	.75951	.75099	.74261
83	.78787	.77942	.77110	.76291	.75484

TABLE E.—TABLE, SINGLE LIFE, UNISEX, SHOWING THE PRESENT WORTH OF THE REMAINDER INTEREST IN PROPERTY TRANSFERRED TO A UNITRUST HAVING THE ADJUSTED PAYOUT RATE SHOWN—Continued

(1) Age	(2) Adjusted payout rate (percent)				
	4.2	4.4	4.6	4.8	5.0
84	.79852	.79042	.78243	.77457	.76681
85	.80893	.80118	.79353	.78599	.77856
86	.81889	.81148	.80417	.79695	.78983
87	.82816	.82107	.81408	.80716	.80034
88	.83673	.82994	.82324	.81662	.81007
89	.84476	.83828	.83186	.82551	.81923
90	.85253	.84632	.84018	.83410	.82808
91	.85994	.85401	.84813	.84232	.83656
92	.86679	.86111	.85549	.84993	.84441
93	.87296	.86752	.86213	.85679	.85150
94	.87844	.87321	.86803	.86289	.85780
95	.88319	.87815	.87314	.86818	.86327
96	.88719	.88230	.87745	.87264	.86787
97	.89076	.88601	.88129	.87661	.87197
98	.89368	.88925	.88465	.88009	.87556
99	.89682	.89230	.88781	.88336	.87894
100	.89973	.89533	.89095	.88660	.88228
101	.90233	.89802	.89374	.88948	.88526
102	.90515	.90094	.89676	.89260	.88848
103	.90871	.90464	.90059	.89656	.89256
104	.91217	.90823	.90431	.90040	.89652
105	.91729	.91354	.90981	.90510	.90240
106	.92529	.92187	.91846	.91507	.91169
107	.93617	.93322	.93027	.92732	.92439
108	.95283	.95062	.94840	.94619	.94398
109	.97900	.97800	.97700	.97600	.97500

TABLE E.—TABLE, SINGLE LIFE, UNISEX, SHOWING THE PRESENT WORTH OF THE REMAINDER INTEREST IN PROPERTY TRANSFERRED TO A UNITRUST HAVING THE ADJUSTED PAYOUT RATE SHOWN—Continued

(1) Age	(2) Adjusted payout rate (percent)				
	5.2	5.4	5.6	5.8	6.0
0	.05615	.05272	.04969	.04701	.04464
1	.03945	.03585	.03268	.02986	.02737
2	.04039	.03667	.03337	.03046	.02787
3	.04176	.03791	.03450	.03147	.02879
4	.04336	.03938	.03585	.03272	.02993
5	.04518	.04107	.03741	.03416	.03127
6	.04717	.04292	.03914	.03577	.03276
7	.04929	.04490	.04099	.03750	.03438
8	.05158	.04704	.04300	.03938	.03615
9	.05404	.04936	.04518	.04143	.03808
10	.05666	.05183	.04751	.04364	.04016
11	.05947	.05449	.05003	.04602	.04242
12	.06245	.05731	.05271	.04856	.04484
13	.06554	.06025	.05549	.05121	.04735
14	.06869	.06324	.05834	.05391	.04992
15	.07186	.06625	.06119	.05662	.05250
16	.07502	.06924	.06403	.05931	.05504
17	.07817	.07223	.06685	.06199	.05757
18	.08136	.07524	.06970	.06468	.06012
19	.08462	.07832	.07261	.06743	.06272
20	.08800	.08152	.07564	.07029	.06542
21	.09151	.08485	.07879	.07327	.06824
22	.09516	.08831	.08207	.07638	.07119
23	.09897	.09193	.08551	.07964	.07428
24	.10299	.09576	.08915	.08310	.07756
25	.10725	.09982	.09302	.08679	.08106
26	.11179	.10416	.09717	.09075	.08486
27	.11661	.10878	.10160	.09500	.08892
28	.12173	.11370	.10632	.09953	.09328
29	.12710	.11888	.11130	.10432	.09788
30	.13276	.12433	.11656	.10938	.10276
31	.13865	.13002	.12205	.11469	.10787
32	.14482	.13599	.12783	.12026	.11326
33	.15126	.14223	.13387	.12612	.11892
34	.15796	.14874	.14018	.13223	.12485
35	.16494	.15553	.14678	.13864	.13107
36	.17221	.16260	.15366	.14533	.13757
37	.17975	.16996	.16082	.15231	.14435
38	.18756	.17758	.16826	.15955	.15142
39	.19563	.18547	.17597	.16708	.15875
40	.20397	.19364	.18395	.17488	.16638
41	.21256	.20209	.19223	.18298	.17430
42	.22152	.21084	.20082	.19140	.16254

TABLE E.—TABLE, SINGLE LIFE, UNISEX, SHOWING THE PRESENT WORTH OF THE REMAINDER INTEREST IN PROPERTY TRANSFERRED TO A UNITRUST HAVING THE ADJUSTED PAYOUT RATE SHOWN—Continued

(1) Age	(2) Adjusted payout rate (percent)				
	5.2	5.4	5.6	5.8	6.0
43	.23071	.21988	.20969	.20010	.19107
44	.24019	.22920	.21885	.20910	.19991
45	.24992	.23878	.22828	.21837	.20902
46	.25991	.24864	.23799	.22793	.21842
47	.27016	.25876	.24798	.23777	.22812
48	.28070	.26918	.25826	.24792	.23812
49	.29150	.27987	.26883	.25837	.24843
50	.30258	.29084	.27970	.26911	.25905
51	.31391	.30208	.29084	.28014	.26996
52	.32548	.31358	.30224	.29144	.28115
53	.33729	.32532	.31390	.30302	.29263
54	.34931	.33728	.32579	.31482	.30434
55	.36152	.34945	.33790	.32686	.31631
56	.37392	.36181	.35022	.33912	.32850
57	.38652	.37438	.36276	.35162	.34093
58	.39929	.38715	.37550	.36432	.35359
59	.41226	.40013	.38847	.37727	.36650
60	.42542	.41331	.40165	.39044	.37965
61	.43878	.42670	.41506	.40386	.39306
62	.45233	.44029	.42869	.41750	.40671
63	.46606	.45409	.44253	.43138	.42060
64	.47994	.46805	.45656	.44545	.43471
65	.49397	.48217	.47076	.45971	.44902
66	.50811	.49642	.48510	.47413	.46350
67	.52235	.51079	.49957	.48869	.47814
68	.53668	.52525	.51418	.50339	.49293
69	.55110	.53983	.52888	.51823	.50788
70	.56563	.55453	.54373	.53322	.52299
71	.58029	.56938	.55875	.54839	.53830
72	.59507	.58436	.57392	.56374	.55380
73	.60990	.59941	.58917	.57918	.56942
74	.62465	.61439	.60437	.59458	.58502
75	.63920	.62919	.61940	.60983	.60046
76	.65351	.64375	.63419	.62484	.61568
77	.66755	.65804	.64873	.63961	.63066
78	.68133	.67209	.66303	.65414	.64542
79	.69492	.68595	.67714	.66850	.66001
80	.70834	.69965	.69111	.68272	.67448
81	.72151	.71311	.70484	.69671	.68872
82	.73436	.72624	.71825	.71039	.70265
83	.74689	.73906	.73135	.72376	.71627
84	.75917	.75163	.74421	.73688	.72967
85	.77122	.76398	.75685	.74980	.74286
86	.78280	.77588	.76901	.76224	.75556
87	.79359	.78693	.78036	.77386	.76744
88	.80360	.79720	.79088	.78463	.77846
89	.81302	.80688	.80081	.79480	.78886
90	.82213	.81624	.81041	.80465	.79894
91	.83086	.82522	.81963	.81410	.80862
92	.83895	.83354	.82818	.82287	.81762
93	.84626	.84106	.83591	.83081	.82575
94	.85275	.84774	.84278	.83787	.83299
95	.85839	.85355	.84876	.84400	.83929
96	.86313	.85844	.85378	.84916	.84458
97	.86737	.86260	.85826	.85377	.84930
98	.87107	.86661	.86218	.85779	.85343
99	.87455	.87019	.86586	.86157	.85730
100	.87800	.87374	.86951	.86532	.86115
101	.88106	.87689	.87275	.86863	.86455
102	.88437	.88030	.87625	.87222	.86822
103	.88858	.88463	.88070	.87679	.87290
104	.89266	.88882	.88500	.88120	.87741
105	.89672	.89306	.89141	.88778	.88417
106	.90832	.90496	.90181	.89828	.89496
107	.92146	.91854	.91562	.91271	.90981
108	.94177	.93956	.93736	.93516	.93296
109	.97400	.97300	.97200	.97100	.97000

TABLE E.—TABLE, SINGLE LIFE, UNISEX, SHOWING THE PRESENT WORTH OF THE REMAINDER INTEREST IN PROPERTY TRANSFERRED TO A UNITRUST HAVING THE ADJUSTED PAYOUT RATE SHOWN—Continued

(1) Age	(2) Adjusted Payout Rate (percent)				
	6.2	6.4	6.6	6.8	7.0
0	.04253	.04066	.03899	.03751	.03618
1	.02516	.02320	.02145	.01989	.01850
2	.02557	.02353	.02171	.02008	.01862
3	.02640	.02427	.02237	.02067	.01915
4	.02744	.02523	.02325	.02147	.01988
5	.02868	.02638	.02431	.02246	.02080
6	.03008	.02767	.02552	.02359	.02185
7	.03159	.02909	.02685	.02483	.02302
8	.03325	.03065	.02831	.02621	.02432
9	.03507	.03236	.02993	.02774	.02576
10	.03704	.03423	.03170	.02941	.02735
11	.03918	.03626	.03363	.03125	.02910
12	.04148	.03845	.03571	.03323	.03099
13	.04387	.04073	.03788	.03531	.03297
14	.04632	.04305	.04010	.03742	.03499
15	.04876	.04538	.04231	.03953	.03699
16	.05118	.04767	.04449	.04159	.03896
17	.05357	.04994	.04663	.04362	.04088
18	.05598	.05221	.04878	.04565	.04280
19	.05843	.05453	.05097	.04772	.04476
20	.06099	.05694	.05325	.04988	.04679
21	.06365	.05946	.05564	.05213	.04893
22	.06644	.06210	.05813	.05449	.05116
23	.06937	.06488	.06076	.05699	.05352
24	.07249	.06784	.06357	.05965	.05605
25	.07584	.07103	.06660	.06254	.05879
26	.07945	.07447	.06989	.06567	.06178
27	.08334	.07819	.07345	.06907	.06503
28	.08751	.08219	.07729	.07275	.06856
29	.09194	.08645	.08137	.07667	.07233
30	.09663	.09096	.08572	.08086	.07635
31	.10158	.09572	.09030	.08527	.08060
32	.10677	.10074	.09515	.08995	.08512
33	.11224	.10604	.10027	.09490	.08990
34	.11798	.11159	.10564	.10010	.09494
35	.12401	.11744	.11131	.10560	.10026
36	.13033	.12357	.11727	.11137	.10586
37	.13693	.12999	.12350	.11743	.11175
38	.14380	.13668	.13002	.12377	.11791
39	.15096	.14366	.13681	.13038	.12436
40	.15841	.15092	.14390	.13729	.13109
41	.16615	.15848	.15128	.14450	.13812
42	.17421	.16637	.15899	.15204	.14549
43	.18257	.17456	.16700	.15988	.15316
44	.19124	.18308	.17533	.16804	.16115
45	.20018	.19184	.18395	.17649	.16943
46	.20943	.20092	.19287	.18524	.17802
47	.21897	.21030	.20209	.19431	.18692
48	.22883	.22001	.21165	.20371	.19616
49	.23900	.23004	.22152	.21343	.20573
50	.24948	.24039	.23173	.22349	.21565
51	.26027	.25104	.24225	.23387	.22589
52	.27135	.26200	.25308	.24457	.23645
53	.28271	.27325	.26421	.25558	.24733
54	.29433	.28478	.27561	.26686	.25848
55	.30621	.29654	.28728	.27842	.26993
56	.31832	.30856	.29921	.29025	.28165
57	.33068	.32085	.31142	.30236	.29367
58	.34329	.33339	.32388	.31474	.30595
59	.35615	.34620	.33662	.32741	.31855
60	.36927	.35927	.34964	.34037	.33143
61	.38265	.37262	.36295	.35362	.34463
62	.39630	.38625	.37655	.36718	.35814
63	.41020	.40014	.39043	.38104	.37196
64	.42432	.41428	.40456	.39516	.38608
65	.43866	.42864	.41893	.40953	.40042
66	.45320	.44321	.43353	.42414	.41503
67	.46790	.45796	.44832	.43896	.42987
68	.48277	.47289	.46330	.45398	.44492
69	.49781	.48802	.47849	.46923	.46021
70	.51303	.50333	.49389	.48470	.47574
71	.52847	.51888	.50954	.50044	.49158
72	.54412	.53466	.52544	.51644	.50766
73	.55990	.55059	.54151	.52363	.52398
74	.57566	.56652	.55758	.54865	.54030
75	.59129	.56232	.57354	.56496	.55655
76	.60671	.59792	.58932	.58089	.57263
77	.62189	.61330	.60487	.59661	.58851
78	.63687	.62847	.62024	.61215	.60422
79	.65188	.64349	.63546	.62756	.61981
80	.66637	.65841	.65058	.64289	.63532
81	.68085	.67312	.66551	.65802	.65066
82	.69503	.68753	.68014	.67287	.66571
83	.70890	.70164	.69448	.68743	.68048
84	.72255	.71553	.70861	.70179	.69506
85	.73600	.72924	.72257	.71598	.70948
86	.74897	.7446	.73693	.72969	.72342
87	.76109	.75483	.74864	.74252	.73647
88	.77235	.76631	.76035	.75445	.74862
89	.78298	.77717	.77142	.76573	.76011
90	.79329	.78770	.78217	.77669	.77127
91	.80320	.79783	.79252	.78725	.78204
92	.81241	.80725	.80214	.79706	.79206
93	.82074	.81578	.81066	.80596	.80115
94	.82816	.82337	.81862	.81391	.80924
95	.83461	.82997	.82537	.82081	.81629
96	.84003	.83552	.82105	.82661	.82221
97	.84467	.84048	.83612	.82179	.82760
98	.84910	.84481	.84054	.83631	.83211
99	.85307	.84887	.84469	.84055	.83644
100	.85701	.85290	.84882	.84478	.84073
101	.86049	.85645	.85244	.84846	.84451
102	.86424	.86029	.85637	.85247	.84859
103	.86904	.86520	.86138	.85758	.85381
104	.87365	.86991	.86619	.86249	.85880
105	.88058	.87700	.87348	.86988	.86635
106	.89165	.88835	.88506	.88179	.87852
107	.90692	.90404	.90116	.89829	.89542
108	.93077	.92858	.92639	.92420	.92201
109	.96900	.96800	.96700	.96600	.96500

TABLE E.—TABLE, SINGLE LIFE, UNISEX, SHOWING THE PRESENT WORTH OF THE REMAINDER INTEREST IN PROPERTY TRANSFERRED TO A UNITRUST HAVING THE ADJUSTED PAYOUT RATE SHOWN—Continued

(1) Age	(2) Adjusted payout rate (percent)				
	7.2	7.4	7.6	7.8	8.0
0	.03499	.03392	.03296	.03209	.03130
1	.01725	.01613	.01513	.01422	.01340
2	.01732	.01615	.01509	.01414	.01329
3	.01778	.01656	.01545	.01446	.01356
4	.01846	.01717	.01601	.01497	.01402
5	.01930	.01796	.01674	.01574	.01465
6	.02029	.01888	.01761	.01645	.01541
7	.02138	.01991	.01857	.01736	.01627
8	.02261	.02106	.01966	.01839	.01724
9	.02397	.02236	.02089	.01958	.01835
10	.02548	.02379	.02225	.02086	.01959
11	.02715	.02538	.02377	.02231	.02098
12	.02895	.02710	.02542	.02389	.02250
13	.03085	.02892	.02716	.02556	.02410
14	.03278	.03076	.02893	.02725	.02572
15	.03469	.03259	.03067	.02893	.02732
16	.03656	.03437	.03237	.03054	.02886
17	.03938	.03610	.03401	.03210	.03035
18	.04020	.03782	.03564	.03364	.03181
19	.04204	.03956	.03729	.03520	.03328
20	.04397	.04138	.03901	.03683	.03483
21	.04599	.04329	.04081	.03853	.03644
22	.04810	.04529	.04270	.04032	.03813
23	.05033	.04740	.04470	.04222	.03992
24	.05273	.04968	.04686	.04427	.04187
25	.05534	.05216	.04922	.04651	.04400
26	.05819	.05488	.05182	.04898	.04636
27	.06130	.05785	.05466	.05170	.04896
28	.06468	.06109	.05777	.05468	.05182
29	.06830	.06457	.06110	.05789	.05490
30	.07217	.06829	.06469	.06134	.05822
31	.07627	.07224	.06849	.06500	.06174
32	.08062	.07644	.07254	.06891	.06552
33	.08524	.08090	.07686	.07308	.06955
34	.09012	.08562	.08142	.07749	.07382
35	.09526	.09062	.08626	.08218	.07836
36	.10071	.09589	.09137	.08714	.08317
37	.10643	.10144	.09676	.09237	.08825
38	.11242	.10727	.10243	.09788	.09361
39	.11869	.11337	.10837	.10366	.09923
40	.12526	.11977	.11460	.10973	.10514
41	.13212	.12646	.12113	.11609	.11135
42	.13931	.13349	.12799	.12279	.11789
43	.14681	.14082	.13515	.12980	.12473
44	.15463	.14847	.14264	.13712	.13189

TABLE E.—TABLE, SINGLE LIFE, UNISEX, SHOWING THE PRESENT WORTH OF THE REMAINDER INTEREST IN PROPERTY TRANSFERRED TO A UNITRUST HAVING THE ADJUSTED PAYOUT RATE SHOWN—Continued

(1) Age	(2) Adjusted payout rate (percent)				
	7.2	7.4	7.6	7.8	8.0
45	.16274	.15642	.15042	.14474	.13935
46	.17117	.16468	.15853	.15268	.14713
47	.17991	.17326	.16694	.16094	.15523
48	.18900	.18219	.17571	.16955	.16368
49	.19841	.19145	.18481	.17850	.17248
50	.20818	.20106	.19428	.18781	.18163
51	.21827	.21101	.20407	.19745	.19113
52	.22869	.22129	.21421	.20745	.20098
53	.23944	.23190	.22468	.21778	.21117
54	.25047	.24280	.23545	.22841	.22167
55	.26180	.25400	.24653	.23936	.23249
56	.27341	.26550	.25790	.25061	.24361
57	.28532	.27729	.26959	.26218	.25505
58	.29751	.28938	.28157	.27405	.26681
59	.31001	.30180	.29388	.28626	.27892
60	.32282	.31452	.30652	.29880	.29136
61	.33595	.32758	.31950	.31169	.30416
62	.34941	.34097	.33282	.32494	.31733
63	.36318	.35469	.34648	.33854	.33085
64	.37725	.36872	.36046	.35246	.34472
65	.39159	.38304	.37474	.36670	.35891
66	.40620	.39763	.38931	.38124	.37340
67	.42104	.41247	.40414	.39605	.38819
68	.43611	.42755	.41923	.41113	.40326
69	.45144	.44290	.43459	.42650	.41863
70	.46702	.45852	.45025	.44218	.43432
71	.48291	.47447	.46623	.45820	.45037
72	.49909	.49072	.48255	.47458	.46679
73	.51549	.50721	.49912	.49912	.48349
74	.53195	.52377	.51578	.50796	.50031
75	.54832	.54027	.53238	.52466	.51710
76	.56454	.55661	.54884	.54123	.53377
77	.58057	.57278	.56514	.55765	.55030
78	.59644	.58879	.58129	.58393	.56670
79	.61219	.60471	.59736	.59013	.58304
80	.62788	.62057	.61338	.60632	.59936
81	.64341	.63628	.62926	.62236	.61556
82	.65866	.65172	.64488	.63815	.63151
83	.67364	.66689	.66024	.65369	.64723
84	.68843	.68189	.67544	.66907	.66279
85	.70307	.69674	.69050	.68433	.67825
86	.71723	.71112	.70508	.69912	.69323
87	.73050	.72460	.71877	.71300	.70731
88	.74285	.73715	.73151	.72593	.72042
89	.75454	.74903	.74358	.73819	.73286
90	.76591	.76060	.75534	.75014	.74499
91	.77688	.77176	.76670	.76169	.75672
92	.78709	.78217	.77729	.77245	.76766
93	.79635	.79160	.78690	.78223	.77761
94	.80461	.80002	.79547	.79096	.78648
95	.81180	.80735	.80394	.79856	.79421
96	.81784	.81351	.80921	.80494	.80071
97	.82324	.81901	.81481	.81065	.80651
98	.82794	.82380	.81969	.81562	.81157
99	.83235	.82830	.83427	.82028	.81631
100	.83674	.83276	.82882	.82490	.82101
101	.84058	.83668	.83280	.82895	.82512
102	.84474	.84091	.83710	.83332	.82956
103	.85006	.84633	.84262	.83893	.83526
104	.85514	.85150	.84787	.84427	.84068
105	.86264	.85934	.85585	.85239	.84893
106	.87527	.87204	.86881	.86559	.86239
107	.89257	.88972	.88688	.88404	.88121
108	.91963	.91765	.91547	.91330	.91113
109	.96400	.96300	.96200	.96100	.96000

TABLE E.—TABLE, SINGLE LIFE, UNISEX, SHOWING THE PRESENT WORTH OF THE REMAINDER INTEREST IN PROPERTY TRANSFERRED TO A UNITRUST HAVING THE ADJUSTED PAYOUT RATE SHOWN—Continued

(1) Age	(2) Adjusted payout rate (percent)				
	8.2	8.4	8.6	8.8	9.0
0	.03059	.02995	.02936	.02882	.02833
1	.01267	.01200	.01139	.01084	.01033
2	.01251	.01181	.01117	.01059	.01006
3	.01274	.01200	.01133	.01072	.01016

TABLE E.—TABLE, SINGLE LIFE, UNISEX, SHOWING THE PRESENT WORTH OF THE REMAINDER INTEREST IN PROPERTY TRANSFERRED TO A UNITRUST HAVING THE ADJUSTED PAYOUT RATE SHOWN—Continued

(1) Age	(2) Adjusted payout rate (percent)				
	8.2	8.4	8.6	8.8	9.0
4	.01316	.01239	.01168	.01103	.01044
5	.01375	.01293	.01218	.01150	.01088
6	.01446	.01360	.01281	.01209	.01144
7	.01527	.01436	.01353	.01277	.01208
8	.01619	.01523	.01436	.01356	.01283
9	.01725	.01624	.01532	.01448	.01370
10	.01843	.01737	.01640	.01551	.01470
11	.01976	.01865	.01763	.01669	.01583
12	.02122	.02005	.01898	.01800	.01709
13	.02276	.02153	.02041	.01937	.01842
14	.02432	.02303	.02185	.02077	.01977
15	.02585	.02451	.02327	.02213	.02108
16	.02732	.02591	.02462	.02342	.02232
17	.02874	.02726	.02590	.02465	.02349
18	.03013	.02858	.02715	.02584	.02462
19	.03152	.02990	.02841	.02703	.02575
20	.03298	.03128	.02971	.02826	.02692
21	.03451	.03272	.03108	.02956	.02815
22	.03611	.03424	.03251	.03091	.02944
23	.03781	.03585	.03404	.03236	.03081
24	.03965	.03760	.03570	.03393	.03230
25	.04168	.03953	.03753	.03568	.03396
26	.04393	.04166	.03958	.03764	.03583
27	.04642	.04406	.04186	.03982	.03792
28	.04916	.04669	.04439	.04224	.04025
29	.05212	.04953	.04712	.04487	.04277
30	.05531	.05260	.05008	.04772	.04552
31	.05871	.05588	.05324	.05077	.04846
32	.06236	.05940	.05663	.05405	.05163
33	.06625	.06316	.06027	.05756	.05502
34	.07038	.06716	.06414	.06131	.05865
35	.07478	.07142	.06827	.06531	.06253
36	.07944	.07595	.07266	.06957	.06667
37	.08436	.08074	.07732	.07410	.07106
38	.08958	.08580	.08223	.07888	.07571
39	.09506	.09112	.08742	.08392	.08061
40	.10081	.09673	.09288	.08924	.08580
41	.10687	.10263	.09863	.09484	.09126
42	.11325	.10886	.10471	.10078	.09705
43	.11993	.11539	.11109	.10701	.10314
44	.12694	.12224	.11779	.11356	.10955
45	.13424	.12939	.12478	.12040	.11624
46	.14186	.13686	.13210	.12757	.12326
47	.14980	.14464	.13973	.13505	.13059
48	.15810	.15278	.14772	.14289	.13828
49	.16674	.16127	.15605	.15107	.14631
50	.17574	.17012	.16475	.15962	.15472
51	.18510	.17932	.17381	.16853	.16348
52	.19480	.18888	.18322	.17779	.17260
53	.20484	.19878	.19298	.18741	.18208
54	.21520	.20901	.20306	.19735	.19188
55	.22589	.21955	.21347	.20763	.20202
56	.23688	.23041	.22420	.21822	.21248
57	.24820	.24161	.23527	.22917	.22329
58	.25984	.25313	.24667	.24044	.23444
59	.27184	.26501	.25843	.25209	.24596
60	.28417	.27724	.27055	.26409	.25786
61	.29668	.28985	.28306	.27650	.27015
62	.30996	.30284	.29596	.28929	.28285
63	.32341	.31621	.30924	.30249	.29595
64	.33721	.32994	.32289	.31605	.30943
65	.35134	.34401	.33689	.32999	.32329
66	.36580	.35841	.35124	.34427	.33750
67	.38055	.37312	.36590	.35889	.35206
68	.39559	.38814	.38089	.37383	.36696
69	.41096	.40349	.39622	.38913	.38222
70	.42665	.41918	.41190	.40480	.39787
71	.44273	.43527	.42799	.42089	.41395
72	.45919	.45176	.44450	.43741	.43049
73	.47594	.46856	.46134	.45426	.44738
74	.49283	.48550	.47834	.47132	.46446
75	.50969	.50244	.49534	.48838	.48157
76	.52646	.51929	.51226	.50537	.49862
77	.54309	.53601	.52907	.52226	.51558
78	.55960	.55263	.54579	.53907	.53247
79	.57606	.56921	.56248	.55586	.54935
80	.59253	.58580	.57919	.57269	.56629
81	.60887	.60229	.59581	.58943	.58315
82	.62498	.61855	.61221	.60597	.59982
83	.64086	.63459	.62840	.62230	.61629
84	.65660	.65049	.64447	.63852	.63268
85	.67224	.66631	.66046	.65468	.64896
86	.68742	.68167	.67600	.67040	.66486

TABLE E.—TABLE, SINGLE LIFE, UNISEX, SHOWING THE PRESENT WORTH OF THE REMAINDER INTEREST IN PROPERTY TRANSFERRED TO A UNITRUST HAVING THE ADJUSTED PAYOUT RATE SHOWN—Continued

(1) Age	(2) Adjusted payout rate (percent)				
	8.2	8.4	8.6	8.8	9.0
87	.70168	.69611	.69061	.68518	.67980
88	.71497	.70958	.70425	.69897	.69376
89	.72758	.72236	.71720	.71208	.70702
90	.73989	.73484	.72985	.72490	.72000
91	.75180	.74693	.74210	.73732	.73259
92	.76292	.75821	.75355	.74894	.74438
93	.77302	.76848	.76397	.75951	.75508
94	.78204	.77764	.77328	.76895	.76466
95	.78991	.78563	.78139	.77719	.77302
96	.79651	.79234	.78821	.78411	.78003
97	.80241	.79834	.79430	.79029	.78630
98	.80755	.80356	.79960	.79567	.79176
99	.81236	.80845	.80456	.80071	.79687
100	.81715	.81331	.80949	.80571	.80195
101	.82132	.81754	.81379	.81006	.80636
102	.82582	.82211	.81842	.81476	.81111
103	.83162	.82799	.82439	.82080	.81724
104	.83711	.83356	.83003	.82652	.82302
105	.84550	.84206	.83867	.83528	.83191
106	.85920	.85602	.85285	.84969	.84655
107	.87839	.87558	.87277	.86997	.86718
108	.90896	.90679	.90463	.90246	.90030
109	.95900	.95800	.95700	.95600	.95500

TABLE E.—TABLE, SINGLE LIFE, UNISEX, SHOWING THE PRESENT WORTH OF THE REMAINDER INTEREST IN PROPERTY TRANSFERRED TO A UNITRUST HAVING THE ADJUSTED PAYOUT RATE SHOWN—Continued

(1) Age	(2) Adjusted payout rate (percent)				
	9.2	9.4	9.6	9.8	10.0
0	.02788	.02747	.02709	.02673	.02641
1	.00987	.00945	.00906	.00871	.00838
2	.00957	.00913	.00872	.00835	.00800
3	.00965	.00918	.00875	.00836	.00799
4	.00991	.00941	.00896	.00854	.00815
5	.01031	.00979	.00931	.00887	.00846
6	.01084	.01028	.00978	.00931	.00888
7	.01144	.01086	.01032	.00983	.00937
8	.01216	.01154	.01097	.01044	.00996
9	.01299	.01234	.01174	.01118	.01067
10	.01395	.01326	.01262	.01204	.01149
11	.01504	.01432	.01364	.01302	.01245
12	.01626	.01549	.01478	.01413	.01352
13	.01755	.01674	.01599	.01530	.01466
14	.01885	.01800	.01721	.01648	.01581
15	.02011	.01922	.01839	.01762	.01691
16	.02130	.02036	.01949	.01869	.01794
17	.02243	.02144	.02052	.01967	.01888
18	.02350	.02246	.02150	.02061	.01978
19	.02457	.02348	.02247	.02153	.02065
20	.02569	.02454	.02347	.02248	.02156
21	.02685	.02564	.02452	.02347	.02250
22	.02806	.02679	.02561	.02451	.02348
23	.02936	.02802	.02677	.02561	.02453
24	.03078	.02937	.02805	.02683	.02569
25	.03236	.03087	.02949	.02820	.02699
26	.03415	.03258	.03123	.02975	.02848
27	.03615	.03450	.03295	.03151	.03017
28	.03838	.03664	.03502	.03350	.03208
29	.04061	.03898	.03727	.03567	.03416
30	.04346	.04154	.03112	.03804	.03646
31	.04630	.04427	.04237	.04059	.03892
32	.04936	.04723	.04523	.04335	.04159
33	.05264	.05041	.04831	.04633	.04448
34	.05615	.05381	.05160	.04952	.04757
35	.05992	.05746	.05514	.05296	.05090
36	.06393	.06135	.05892	.05663	.05447
37	.06820	.06550	.06295	.06055	.05828
38	.07272	.06990	.06723	.06471	.06233
39	.07749	.07454	.07175	.06912	.06662
40	.08254	.07946	.07655	.07379	.07117
41	.08787	.08466	.08162	.07873	.07599
42	.09352	.09018	.08700	.08399	.08112
43	.09947	.09599	.09268	.08953	.08654
44	.10573	.10211	.09866	.09539	.09227
45	.11229	.10852	.10494	.10152	.09827
46	.11916	.11525	.11153	.10798	.10458
47	.12634	.12229	.11843	.11474	.11122
48	.13388	.12969	.12566	.12186	.11820
49	.14177	.13743	.13329	.12932	.12553

(1) Age	(2) Adjusted payout Rate (percent)				
	9.2	9.4	9.6	9.8	10.0
50	.15003	.14555	.14126	.13716	.13322
51	.15865	.15402	.14959	.14534	.14127
52	.16763	.16286	.15828	.15390	.14969
53	.17696	.17205	.16734	.16281	.15847
54	.18662	.18157	.17672	.17206	.16758
55	.19662	.19144	.18645	.18165	.17703
56	.20695	.20163	.19651	.19157	.18682
57	.21763	.21218	.20693	.20186	.19696
58	.22865	.22307	.21769	.21250	.20749
59	.24005	.23435	.22885	.22353	.21839
60	.25183	.24601	.24038	.23494	.22969
61	.26401	.25808	.25234	.24678	.24141
62	.27661	.27056	.26471	.25905	.25356
63	.28961	.28347	.27752	.27175	.26615
64	.30300	.29677	.29072	.28486	.27916
65	.31678	.31046	.30433	.29837	.29259
66	.33093	.32454	.31832	.31228	.30641
67	.34542	.33897	.33266	.32657	.32062
68	.36027	.35376	.34742	.34124	.33522
69	.37550	.36894	.36255	.35632	.35024
70	.39111	.38452	.37809	.37182	.36570
71	.40719	.40058	.39412	.38782	.38166
72	.42372	.41710	.41064	.40432	.39814
73	.44062	.43402	.42756	.42124	.41506
74	.45774	.45116	.44471	.43840	.43223
75	.47489	.46834	.46193	.45565	.44949
76	.49199	.48550	.47913	.47288	.46675
77	.50902	.50258	.49626	.49006	.48397
78	.52598	.51962	.51336	.50721	.50117
79	.54295	.53667	.53049	.52441	.51843
80	.55999	.55380	.54771	.54171	.53581
81	.57697	.57088	.56489	.55899	.55317
82	.59375	.58778	.58190	.57610	.57039
83	.61036	.60451	.59875	.59306	.58746
84	.62687	.62116	.61553	.60997	.60446
85	.64335	.63779	.63230	.62688	.62152
86	.65939	.65398	.64864	.64337	.63816
87	.67449	.66924	.66405	.65892	.65384
88	.68860	.68350	.67845	.67346	.66852
89	.70202	.69706	.69216	.68731	.68250
90	.71515	.71035	.70559	.70088	.69622
91	.72790	.72325	.71865	.71409	.70957
92	.73982	.73533	.73087	.72646	.72206
93	.75069	.74634	.74202	.73774	.73350
94	.76040	.75618	.75199	.74784	.74372
95	.76888	.76477	.76070	.75666	.75265
96	.77599	.77199	.76801	.76406	.76014
97	.78235	.77843	.77454	.77067	.76684
98	.78789	.78404	.78022	.77642	.77266
99	.79307	.78929	.78554	.78181	.77811
100	.79821	.79450	.79081	.78715	.78351
101	.80268	.79902	.79539	.79178	.78819
102	.80749	.80389	.80031	.79676	.79322
103	.81370	.81018	.80668	.80319	.79973
104	.81955	.81609	.81265	.80923	.80582
105	.82855	.82520	.82187	.81856	.81526
106	.84341	.84029	.83718	.83408	.83099
107	.86439	.86162	.85884	.85608	.85332
108	.89815	.89599	.89384	.89169	.88955
109	.95400	.95300	.95200	.95100	.95000

TABLE E.—TABLE, SINGLE LIFE, UNISEX, SHOWING THE PRESENT WORTH OF THE REMAINDER INTEREST IN PROPERTY TRANSFERRED TO A UNITRUST HAVING THE ADJUSTED PAYOUT RATE SHOWN—Continued

(1) Age	(2) Adjusted payout rate (percent)				
	10.2	10.4	10.6	10.8	11.0
0	.02610	.02582	.02556	.02531	.02508
1	.00807	.00779	.00753	.00729	.00707
2	.00769	.00739	.00712	.00686	.00663
3	.00766	.00735	.00706	.00679	.00654
4	.00780	.00747	.00716	.00688	.00662
5	.00808	.00773	.00741	.00711	.00683
6	.00848	.00811	.00776	.00744	.00715
7	.00894	.00855	.00819	.00785	.00753
8	.00951	.00909	.00871	.00835	.00801
9	.01019	.00975	.00934	.00896	.00860
10	.01099	.01052	.01008	.00967	.00930
11	.01191	.01142	.01095	.01052	.01012
12	.01295	.01243	.01194	.01148	.01106
13	.01406	.01351	.01299	.01251	.01206
14	.01518	.01459	.01405	.01354	.01306
15	.01625	.01563	.01506	.01452	.01402
16	.01724	.01659	.01599	.01542	.01489

TABLE E.—TABLE, SINGLE LIFE, UNISEX, SHOWING THE PRESENT WORTH OF THE REMAINDER INTEREST IN PROPERTY TRANSFERRED TO A UNITRUST HAVING THE ADJUSTED PAYOUT RATE SHOWN—Continued

(1) Age	(2) Adjusted payout rate (percent)				
	10.2	10.4	10.6	10.8	11.0
17	.01815	.01747	.01683	.01624	.01568
18	.01901	.01829	.01761	.01699	.01640
19	.01984	.01908	.01837	.01771	.01709
20	.02070	.01990	.01915	.01846	.01780
21	.02160	.02075	.01996	.01923	.01854
22	.02253	.02164	.02080	.02003	.01930
23	.02352	.02258	.02170	.02088	.02010
24	.02462	.02362	.02269	.02182	.02100
25	.02586	.02481	.02382	.02289	.02203
26	.02729	.02617	.02512	.02414	.02322
27	.02891	.02772	.02662	.02558	.02460
28	.03074	.02949	.02832	.02722	.02618
29	.03276	.03143	.03019	.02902	.02792
30	.03497	.03357	.03225	.03102	.02985
31	.03735	.03587	.03448	.03317	.03193
32	.03993	.03837	.03690	.03551	.03420
33	.04273	.04108	.03952	.03806	.03667
34	.04572	.04399	.04234	.04079	.03933
35	.04896	.04713	.04539	.04376	.04221
36	.05243	.05049	.04867	.04694	.04530
37	.05613	.05416	.05217	.05035	.04862
38	.06007	.05793	.05591	.05399	.05217
39	.06425	.06200	.05987	.05785	.05593
40	.06869	.06633	.06409	.06197	.05995
41	.07339	.07092	.06857	.06634	.06421
42	.07840	.07581	.07335	.07101	.06878
43	.08370	.08099	.07841	.07595	.07361
44	.08930	.08646	.08377	.08119	.07874
45	.09517	.09222	.08940	.08670	.08413
46	.10136	.09828	.09533	.09252	.08983
47	.10786	.10464	.10157	.09864	.09582
48	.11470	.11136	.10816	.10510	.10216
49	.12189	.11842	.11509	.11190	.10884
50	.12946	.12585	.12239	.11907	.11588
51	.13737	.13363	.13003	.12659	.12327
52	.14565	.14177	.13805	.13447	.13103
53	.15429	.15028	.14642	.14271	.13914
54	.16327	.15912	.15513	.15129	.14759
55	.17259	.16831	.16419	.16022	.15639
56	.18225	.17784	.17358	.16948	.16553
57	.19227	.18773	.18335	.17912	.17503
58	.20265	.19798	.19347	.18911	.18490
59	.21343	.20863	.20400	.19951	.19518
60	.22460	.21968	.21492	.21032	.20586
61	.23620	.23117	.22629	.22156	.21698
62	.24824	.24309	.23810	.23325	.22858
63	.26073	.25546	.25036	.24540	.24060
64	.27364	.26827	.26306	.25800	.25308
65	.28696	.28150	.27619	.27103	.26601
66	.30070	.29515	.28974	.28449	.27937
67	.31483	.30919	.30371	.29836	.29316
68	.32936	.32365	.31808	.31266	.30737
69	.34432	.33854	.33290	.32741	.32204
70	.35972	.35389	.34820	.34264	.33721
71	.37565	.36977	.36403	.35842	.35294
72	.39210	.38619	.38042	.37477	.36924
73	.40900	.40308	.39728	.39161	.38605
74	.42618	.42025	.41444	.40876	.40318
75	.44345	.43753	.43173	.42604	.42046
76	.46073	.45483	.44904	.44336	.43779
77	.47799	.47212	.46835	.46069	.45513
78	.49524	.48941	.48368	.47805	.47252
79	.51256	.50678	.50110	.49551	.49001
80	.53001	.52429	.51867	.51313	.50769
81	.54745	.54181	.53626	.53079	.52541
82	.56476	.55921	.55374	.54835	.54303
83	.58193	.57648	.57110	.56579	.56056
84	.59907	.59373	.58845	.58325	.57811
85	.61624	.61102	.60586	.60077	.59574
86	.63300	.62791	.62289	.61791	.61300
87	.64883	.64387	.63896	.63411	.62932
88	.66363	.65880	.65402	.64929	.64461
89	.67775	.67304	.66838	.66377	.65921
90	.69160	.68703	.68250	.67802	.67357
91	.70509	.70066	.69626	.69191	.68760
92	.71775	.71345	.70919	.70496	.70078
93	.72929	.72512	.72099	.71689	.71282
94	.73964	.73559	.73157	.72758	.72362
95	.74867	.74472	.74081	.73692	.73306
96	.75625	.75239	.74856	.74476	.74099
97	.76303	.75925	.75550	.75177	.74807
98	.76892	.76521	.76152	.75786	.75422
99	.77443	.77078	.76715	.76355	.75998
100	.77990	.77631	.77275	.76921	.76569

TABLE E.—TABLE, SINGLE LIFE, UNISEX, SHOWING THE PRESENT WORTH OF THE REMAINDER INTEREST IN PROPERTY TRANSFERRED TO A UNITRUST HAVING THE ADJUSTED PAYOUT RATE SHOWN—Continued

(1) Age	(2) Adjusted payout rate (percent)				
	10.2	10.4	10.6	10.8	11.0
101	.78463	.78109	.77757	.77407	.77060
102	.78971	.78622	.78275	.77930	.77587
103	.79629	.79287	.78947	.78608	.78272
104	.80244	.79907	.79572	.79239	.78907
105	.81198	.80871	.80546	.88222	.79900
106	.82792	.82485	.82180	.81876	.81572
107	.85057	.84783	.84509	.84237	.83964
108	.88740	.88526	.88312	.88098	.87885
109	.94900	.94800	.94700	.94600	.94500

TABLE E.—TABLE, SINGLE LIFE, UNISEX, SHOWING THE PRESENT WORTH OF THE REMAINDER INTEREST IN PROPERTY TRANSFERRED TO A UNITRUST HAVING THE ADJUSTED PAYOUT RATE SHOWN—Continued

(1) Age	(2) Adjusted payout rate (percent)				
	11.2	11.4	11.6	11.8	12.0
0	.02487	.02468	.02447	.02429	.02412
1	.00686	.00666	.00648	.00631	.00615
2	.00641	.00620	.00601	.00583	.00566
3	.00631	.00609	.00589	.00570	.00552
4	.00637	.00614	.00593	.00573	.00554
5	.00657	.00633	.00610	.00588	.00568
6	.00687	.00661	.00637	.00614	.00593
7	.00724	.00696	.00670	.00646	.00623
8	.00770	.00740	.00713	.00687	.00663
9	.00827	.00795	.00766	.00739	.00713
10	.00894	.00861	.00830	.00800	.00773
11	.00974	.00939	.00906	.00875	.00846
12	.01066	.01029	.00993	.00961	.00929
13	.01164	.01124	.01087	.01052	.01019
14	.01252	.01220	.01181	.01144	.01109
15	.01355	.01311	.01270	.01231	.01194
16	.01440	.01394	.01350	.01309	.01271
17	.01516	.01467	.01421	.01378	.01337
18	.01585	.01534	.01485	.01440	.01397
19	.01651	.01597	.01546	.01498	.01453
20	.01719	.01662	.01606	.01557	.01510
21	.01789	.01728	.01672	.01618	.01568
22	.01861	.01797	.01737	.01680	.01627
23	.01938	.01870	.01806	.01746	.01689
24	.02023	.01951	.01883	.01819	.01759
25	.02121	.02045	.01973	.01905	.01841
26	.02236	.02155	.02078	.02006	.01938
27	.02368	.02282	.02200	.02124	.02051
28	.02521	.02429	.02342	.02261	.02183
29	.02689	.02591	.02499	.02412	.02330
30	.02875	.02772	.02674	.02581	.02494
31	.03076	.02966	.02863	.02764	.02671
32	.03297	.03180	.03070	.02965	.02866
33	.03538	.03412	.03295	.03184	.03079
34	.03794	.03663	.03539	.03421	.03309
35	.04074	.03935	.03803	.03678	.03559
36	.04375	.04228	.04089	.03956	.03830
37	.04699	.04543	.04395	.04255	.04122
38	.05044	.04879	.04723	.04575	.04433
39	.05411	.05238	.5073	.04916	.04766
40	.05802	.05620	.05445	.05279	.05121
41	.06219	.06026	.05843	.05668	.05550
42	.06665	.06462	.06269	.06084	.05908
43	.07138	.06924	.06721	.06526	.06341
44	.07639	.07415	.07202	.06997	.06801
45	.08168	.07933	.07708	.07493	.07287
46	.08726	.08480	.08244	.08018	.07802
47	.09313	.09056	.08809	.08572	.08345
48	.09935	.09666	.09406	.09160	.08922
49	.10591	.10309	.10039	.09780	.09531
50	.11282	.10989	.10707	.10436	.10176
51	.12009	.11703	.11409	.11127	.10855
52	.12772	.12454	.12147	.11853	.11569
53	.13571	.13340	.12922	.12615	.12319
54	.14403	.14060	.13729	.13410	.13102
55	.15270	.14914	.14571	.14240	.13920
56	.16171	.15802	.15447	.15103	.14771
57	.17109	.16728	.16360	.16004	.15660
58	.18083	.17690	.17309	.16941	.16585
59	.19096	.18692	.18299	.17919	.17551

TABLE E.—TABLE, SINGLE LIFE, UNISEX, SHOWING THE PRESENT WORTH OF THE REMAINDER INTEREST IN PROPERTY TRANSFERRED TO A UNITRUST HAVING THE ADJUSTED PAYOUT RATE SHOWN—Continued

(1) Age	(2) Adjusted payout rate (percent)				
	11.2	11.4	11.6	11.8	12.0
60	.20154	.19736	.19331	.18938	.18558
61	.21254	.20824	.20407	.20003	.19610
62	.22400	.21958	.21530	.21113	.20709
63	.23593	.23139	.22699	.22272	.21856
64	.24830	.24366	.23915	.23476	.23050
65	.26113	.25638	.25176	.24727	.24290
66	.27439	.26955	.26483	.26023	.25576
67	.28808	.28314	.27833	.27364	.26906
68	.30221	.29718	.29228	.28750	.28283
69	.31681	.31170	.30672	.30185	.29710
70	.33190	.32673	.32167	.31672	.31189
71	.34758	.34234	.33721	.33220	.32731
72	.36384	.35855	.35337	.34831	.34335
73	.38061	.37529	.37007	.36496	.35993
74	.39772	.39237	.38713	.38199	.37695
75	.41499	.40962	.40436	.39920	.39413
76	.43232	.42695	.42168	.41650	.41142
77	.44967	.44431	.43904	.43386	.42878
78	.46708	.46173	.45647	.45130	.44622
79	.48460	.47928	.47405	.46890	.46383
80	.50232	.49705	.49185	.48673	.48169
81	.52010	.51487	.50973	.50465	.49965
82	.53779	.53263	.52754	.52252	.51757
83	.55540	.55031	.54529	.54033	.53544
84	.57304	.56804	.56309	.55822	.55340
85	.59077	.58586	.58102	.57623	.57150
86	.60815	.60335	.59860	.59392	.58928
87	.62458	.61989	.61525	.61066	.60613
88	.63998	.63540	.63086	.62638	.62194
89	.65469	.65022	.64579	.64141	.63707
90	.66918	.66482	.66050	.65623	.65199
91	.68332	.67909	.67489	.67073	.66661
92	.69662	.69251	.68843	.68439	.68038
93	.70879	.70479	.70082	.69689	.69299
94	.71970	.71581	.71195	.70812	.70432
95	.72924	.72544	.72167	.71793	.71422
96	.73724	.73353	.72984	.72618	.72254
97	.74440	.74076	.73714	.73354	.72998
98	.75061	.74703	.74347	.73994	.73643
99	.75642	.75290	.74939	.74591	.74245
100	.76219	.75872	.75527	.75184	.74844
101	.76715	.76372	.76031	.75692	.75356
102	.77246	.76908	.76571	.76236	.75904
103	.77937	.77605	.77274	.76945	.76618
104	.78577	.78249	.77923	.77598	.77275
105	.79579	.79259	.78941	.78625	.78310
106	.81270	.80969	.80670	.80371	.80073
107	.83693	.83422	.83152	.82883	.82614
108	.87672	.87459	.87246	.87034	.86822
109	.94400	.94300	.94200	.94100	.94000

TABLE E.—TABLE, SINGLE LIFE, UNISEX, SHOWING THE PRESENT WORTH OF THE REMAINDER INTEREST IN PROPERTY TRANSFERRED TO A UNITRUST HAVING THE ADJUSTED PAYOUT RATE SHOWN—Continued

(1) Age	(2) Adjusted payout rate (percent)				
	12.2	12.4	12.6	12.8	13.0
0	.02396	.02380	.02366	.02352	.02338
1	.00600	.00585	.00572	.00559	.00547
2	.00550	.00535	.00521	.00508	.00495
3	.00536	.00520	.00505	.00491	.00478
4	.00536	.00519	.00504	.00489	.00475
5	.00549	.00532	.00515	.00499	.00484
6	.00572	.00554	.00536	.00519	.00503
7	.00602	.00582	.00563	.00545	.00528
8	.00640	.00618	.00598	.00579	.00561
9	.00688	.00665	.00644	.00623	.00604
10	.00747	.00723	.00699	.00678	.00657
11	.00818	.00792	.00767	.00744	.00722
12	.00900	.00873	.00846	.00822	.00798
13	.00988	.00959	.00931	.00905	.00880
14	.01077	.01046	.01017	.00989	.00963
15	.01160	.01127	.01097	.01067	.01040
16	.01234	.01200	.01167	.01137	.01108
17	.01299	.01263	.01229	.01197	.01166
18	.01357	.01319	.01283	.01249	.01217

TABLE E.—TABLE, SINGLE LIFE, UNISEX, SHOWING THE PRESENT WORTH OF THE REMAINDER INTEREST IN PROPERTY TRANSFERRED TO A UNITRUST HAVING THE ADJUSTED PAYOUT RATE SHOWN—Continued

(1) Age	(2) Adjusted payout rate (percent)				
	12.2	12.4	12.6	12.8	13.0
19	.01410	.01370	.01332	.01297	.01263
20	.01465	.01422	.01382	.01345	.01309
21	.01520	.01475	.01433	.01393	.01355
22	.01576	.01529	.01484	.01442	.01402
23	.01636	.01586	.01538	.01493	.01450
24	.01703	.01649	.01599	.01551	.01505
25	.01781	.01724	.01670	.01619	.01571
26	.01874	.01813	.01756	.01701	.01650
27	.01983	.01918	.01857	.01799	.01744
28	.02111	.02042	.01976	.01915	.01856
29	.02253	.02179	.02110	.02044	.01981
30	.02411	.02333	.02259	.02188	.02121
31	.02583	.02500	.02421	.02345	.02274
32	.02772	.02683	.02599	.02519	.02443
33	.02979	.02885	.02795	.02709	.02628
34	.03203	.03102	.03006	.02915	.02829
35	.03447	.03340	.03238	.03141	.03048
36	.03710	.03597	.03488	.03385	.03266
37	.03995	.03874	.03758	.03649	.03544
38	.04299	.04170	.04048	.03931	.03820
39	.04623	.04487	.04358	.04234	.04115
40	.04970	.04826	.04689	.04556	.04432
41	.05341	.05189	.05043	.04904	.04771
42	.05739	.05578	.05424	.05277	.05136
43	.06163	.05993	.05830	.05674	.05525
44	.06614	.06435	.06263	.06099	.05941
45	.07090	.06901	.06720	.06547	.06380
46	.07595	.07396	.07206	.07023	.06847
47	.08128	.07919	.07718	.07525	.07340
48	.08693	.08474	.08263	.08061	.07866
49	.09291	.09061	.08840	.08627	.08423
50	.09925	.09684	.09452	.09229	.09014
51	.10593	.10341	.10098	.09864	.09638
52	.11296	.11032	.10778	.10534	.10297
53	.12034	.11759	.11494	.11238	.10991
54	.12805	.12519	.12243	.11976	.11718
55	.13611	.13313	.13025	.12747	.12478
56	.14451	.14141	.13841	.13551	.13271
57	.15327	.15005	.14694	.14393	.14101
58	.16240	.15906	.15583	.15270	.14967
59	.17194	.16848	.16513	.16189	.15874
60	.18189	.17831	.17485	.17148	.16822
61	.19230	.18860	.18502	.18154	.17816
62	.20317	.19936	.19566	.19207	.18857
63	.21453	.21060	.20679	.20308	.19947
64	.22635	.22231	.21839	.21457	.21085
65	.23864	.23450	.23046	.22653	.22271
66	.25140	.24715	.24301	.23898	.23505
67	.26461	.26026	.25602	.25188	.24785
68	.27828	.27384	.26950	.26527	.26114
69	.29246	.28793	.28350	.27918	.27496
70	.30718	.30256	.29805	.29364	.28933
71	.32251	.31783	.31324	.30876	.30437
72	.33850	.33375	.32910	.32455	.32009
73	.35506	.35026	.34555	.34094	.33642
74	.37201	.36716	.36241	.35776	.35319
75	.38916	.38429	.37950	.37481	.37020
76	.40644	.40154	.39673	.39200	.38737
77	.42378	.41887	.41404	.40930	.40464
78	.44123	.43631	.43148	.42673	.42205
79	.45885	.45394	.44911	.44436	.43969
80	.47673	.47184	.46703	.46229	.45763
81	.49473	.48987	.48509	.48037	.47573
82	.51269	.50787	.50313	.49845	.49383
83	.53062	.52586	.52116	.51653	.51195
84	.54864	.54395	.53931	.53473	.53021
85	.56663	.56221	.55765	.55314	.54869
86	.58470	.58017	.57570	.57127	.56689
87	.60164	.59720	.59281	.58847	.58417
88	.61754	.61320	.60889	.60464	.60042
89	.63277	.62851	.62430	.62013	.61600
90	.64780	.64364	.63953	.63545	.63141
91	.66252	.65848	.65446	.65049	.64655
92	.67640	.67246	.66856	.66468	.66084
93	.68912	.68528	.68148	.67770	.67396
94	.70055	.69680	.69309	.68941	.68576
95	.71054	.70689	.70326	.69966	.69609
96	.71893	.71535	.71180	.70827	.70476
97	.72643	.72292	.71943	.71596	.71252
98	.73294	.72948	.72604	.72263	.71924
99	.73902	.73561	.73222	.72886	.72551
100	.74506	.74170	.73836	.73504	.73174
101	.75021	.74689	.74359	.74030	.73704
102	.75573	.75244	.74918	.74593	.74270

TABLE E.—TABLE, SINGLE LIFE, UNISEX, SHOWING THE PRESENT WORTH OF THE REMAINDER INTEREST IN PROPERTY TRANSFERRED TO A UNITRUST HAVING THE ADJUSTED PAYOUT RATE SHOWN—Continued

(1) Age	(2) Adjusted payout rate (percent)				
	12.2	12.4	12.6	12.8	13.0
103	.76293	.75970	.75649	.75329	.75011
104	.76954	.76634	.76316	.76000	.75685
105	.77996	.77684	.77373	.77064	.76756
106	.79777	.79481	.79187	.78894	.78602
107	.82346	.82078	.81812	.81546	.81281
108	.86610	.86398	.86187	.85976	.85765
109	.93900	.93800	.93700	.93600	.93500

TABLE E.—TABLE, SINGLE LIFE, UNISEX, SHOWING THE PRESENT WORTH OF THE REMAINDER INTEREST IN PROPERTY TRANSFERRED TO A UNITRUST HAVING THE ADJUSTED PAYOUT RATE SHOWN —Continued

(1) Age	(2) Adjusted payout rate (percent)				
	13.2	13.4	13.6	13.8	14.0
0	.02325	.02313	.02301	.02290	.02279
1	.00536	.00525	.00514	.00505	.00495
2	.00484	.00472	.00462	.00451	.00442
3	.00465	.00453	.00442	.00431	.00421
4	.00461	.00449	.00437	.00426	.00415
5	.00470	.00457	.00444	.00432	.00421
6	.00488	.00474	.00460	.00447	.00435
7	.00512	.00496	.00482	.00468	.00455
8	.00543	.00527	.00512	.00497	.00483
9	.00585	.00568	.00551	.00536	.00521
10	.00637	.00619	.00601	.00584	.00568
11	.00701	.00681	.00662	.00644	.00627
12	.00776	.00755	.00735	.00716	.00697
13	.00857	.00734	.00813	.00793	.00773
14	.00938	.00914	.00892	.00870	.00850
15	.01014	.00989	.00965	.00942	.00921
16	.01080	.01054	.01029	.01005	.00983
17	.01137	.01109	.01083	.01058	.01035
18	.01186	.01157	.01130	.01103	.01078
19	.01230	.01300	.01171	.01143	.01117
20	.01275	.01243	.01212	.01183	.01155
21	.01319	.01285	.01253	.01222	.01193
22	.01364	.01328	.01293	.01261	.01230
23	.01410	.01372	.01336	.01301	.01268
24	.01463	.01422	.01383	.01347	.01312
25	.01525	.01482	.01441	.01401	.01364
26	.01601	.01555	.01511	.01469	.01430
27	.01692	.01643	.01596	.01551	.01509
28	.01800	.01748	.01697	.01650	.01604
29	.01922	.01865	.01812	.01760	.01712
30	.02058	.01998	.01940	.01886	.01833
31	.02206	.02142	.02080	.02022	.01966
32	.02370	.02301	.02236	.02173	.02113
33	.02550	.02477	.02407	.02340	.02276
34	.02746	.02667	.02592	.02521	.02452
35	.02960	.02876	.02796	.02719	.02646
36	.03193	.03103	.03017	.02936	.02858
37	.03444	.03348	.03257	.03170	.03087
38	.03714	.03612	.03515	.03422	.03333
39	.04002	.03894	.03791	.03692	.03597
40	.04312	.04197	.04087	.03891	.03880
41	.04643	.04521	.04404	.04292	.04185
42	.05001	.04871	.04747	.04626	.04514
43	.05382	.05245	.05113	.04987	.04865
44	.05789	.05644	.05505	.05371	.05242
45	.06220	.06067	.05919	.05777	.05641
46	.06678	.06516	.06360	.06210	.06065
47	.07162	.06991	.06826	.06668	.06515
48	.07678	.07498	.07324	.07157	.06996
49	.08225	.08035	.07852	.07676	.07506
50	.08807	.08607	.08415	.08229	.08050
51	.09421	.09211	.09009	.08814	.08625
52	.10070	.09850	.09637	.09432	.09234
53	.10753	.10523	.10300	.10085	.09877
54	.11468	.11227	.10994	.10769	.10551
55	.12218	.11966	.11722	.11487	.11258
56	.12999	.12737	.12483	.12236	.11998
57	.13818	.13545	.13279	.13022	.12773
58	.14673	.14388	.14112	.13844	.13584
59	.15568	.15272	.14995	.14706	.14435
60	.16505	.16198	.15899	.15609	.15327
61	.17488	.17169	.16859	.16558	.16265

TABLE E.—TABLE, SINGLE LIFE, UNISEX, SHOWING THE PRESENT WORTH OF THE REMAINDER INTEREST IN PROPERTY TRANSFERRED TO A UNITRUST HAVING THE ADJUSTED PAYOUT RATE SHOWN—Continued

(1) Age	(2) Adjusted payout rate (percent)				
	13.2	13.4	13.6	13.8	14.0
62	.18518	.18187	.17866	.17554	.17251
63	.19596	.19255	.18923	.18600	.18285
64	.20723	.20371	.20028	.19694	.19368
65	.21898	.21535	.21181	.20836	.20500
66	.23121	.22748	.22383	.22028	.21681
67	.24392	.24008	.23633	.23267	.22910
68	.25711	.25317	.24932	.24556	.24189
69	.27083	.26680	.26285	.25900	.25523
70	.28512	.28100	.27697	.27302	.26916
71	.30007	.29587	.29176	.28773	.28378
72	.31572	.31145	.30726	.30315	.29913
73	.33199	.32765	.32340	.31923	.31514
74	.34871	.34431	.34000	.33577	.33162
75	.36568	.36124	.35688	.35260	.34840
76	.38281	.37833	.37393	.36961	.36537
77	.40006	.39555	.39113	.38677	.38249
78	.41745	.41293	.40848	.40410	.39960
79	.43508	.43055	.42609	.42170	.41737
80	.45303	.44850	.44404	.43964	.43531
81	.47115	.46663	.46218	.45779	.45347
82	.48928	.48479	.48036	.47599	.47168
83	.50744	.50298	.49858	.49424	.48995
84	.52575	.52134	.51698	.51268	.50843
85	.54429	.53994	.53564	.53139	.52720
86	.56257	.55829	.55406	.54988	.54574
87	.57993	.57572	.57156	.56745	.56338
88	.59625	.59212	.58804	.58399	.57999
89	.61191	.60786	.60384	.59987	.59594
90	.62741	.62344	.61952	.61562	.61177
91	.64264	.63877	.63493	.63113	.62736
92	.65703	.65326	.64951	.64580	.64212
93	.67024	.66656	.66291	.65928	.65568
94	.68213	.67854	.67497	.67142	.66791
95	.69255	.68903	.68554	.68207	.67863
96	.70128	.69783	.69440	.69100	.68762
97	.70910	.70570	.70233	.69899	.69566
98	.71587	.71252	.70920	.70590	.70263
99	.72219	.71889	.71562	.71236	.70913
100	.72847	.72522	.72189	.71877	.71558
101	.73380	.73058	.72738	.72420	.72104
102	.73949	.73630	.73313	.72998	.72685
103	.74695	.74381	.74068	.73758	.73449
104	.75372	.75060	.74751	.74442	.74136
105	.76449	.76144	.75840	.75538	.75237
106	.78311	.78021	.77732	.77444	.77157
107	.81016	.80752	.80489	.80227	.79965
108	.85554	.85344	.85134	.84924	.84715
109	.93400	.93300	.93200	.93100	.93000

TABLE F (1).—TABLE, 10 PERCENT, SHOWING FACTORS FOR COMPUTATION OF THE ADJUSTED PAYOUT RATE FOR CERTAIN VALUATIONS AND PAYOUT SEQUENCES

(1) Number of months by which the valuation date precedes the first payout		(2) Factors for payout at the end of each			
At least	But less than	Annual period	Semiannual period	Quarterly period	Monthly period
	1		.976731	.965232	.957618
1	2	.992089	.969004	.957596	.950041
2	3	.984240	.961338	.950021	
3	4	.976454	.953733	.942505	
4	5	.968729	.946188		
5	6	.961066	.938703		
6	7	.953463	.931277		
7	8	.945920			
8	9	.938436			
9	10	.931012			
10	11	.923647			
11	12	.916340			
12		.909091			

(c) *Valuation of charitable remainder unitrusts having certain payout sequences; for transfer made before December 1, 1983*—(1) *In general.* For transfers made before December 1, 1983, the present value determined under this section of a remainder interest which is dependent on a term of years or the termination of the life of one idividual shall be determined under paragraphs (c) (1) through (5) of this section provided that the amount of the payout as of any payout date during any taxable year of the trust is not larger than the amount which the trust could distribute on such date under paragraph (a) (1) (v) of § 1.644-3 if the taxable year of the trust were to end on such date. * * * For transfers made after November 30, 1983, see paragraphs (b) (1) through (5) of this section.

* * * * *

§ 11.414(c)-2 [Amended]

Par. 10. The last sentence of paragraph (b) (2) (ii) of § 11.414(c)-2 is amended by removing "§ 20.2031-10" and inserting in lieu thereof "§§ 20.2031-7 or 20.2031-10, which is appropriate.".

§ 11.414(c)-4 [Amended]

Par. 11. The last sentence of paragraph (b) (3) (i) of § 11.414(c)-4 is amended by removing "§ 20.2031-10" and inserting in lieu thereof "§§ 20.2031-7 or 20.2031-10, whichever is appropriate,".

Par. 12. Section 20.2031-7 is revised to read as set forth below.

§ 20.2031-7 Valuation of annuities, life estates, terms for years, remainders, and reversions for estates of decedents dying after November 30, 1983.

(a) *In general.* (1) Except as otherwise provided in this paragraph (a) (1), for estates of decedents dying after November 30, 1983, the fair market value of annuities, life estates, terms for years, remainders, and reversions is their present value determined under this section. The value of annuities issued by companies regularly engaged in their sale, and of insurance policies on the lives of persons other than the decedent is determined under § 20.2031-8. The fair market value of a remainder interest in a charitable remainder unitrust as defined in § 1.664-3 is its present value determined under § 1.664-4. The fair market value of a life interest or term for years in a charitable remainder unitrust is the fair market value of the property as of the date of valuation less the fair market value of the remainder interest on such date determined under § 1.664-4. The fair market value of interests in a pooled income fund, as defined in § 1.642(c)-5, is their value determined under § 1.642(c)-6. (See § 20.2031-10 with respect to the valuation of annuities, life estates, terms for years, remainders, and reversions includable in estates of decedents dying after December 31, 1970, and before December 1, 1983; § 20.2042-1 with respect to insurance policies on the decedent's life.) With respect to the valuation of annuities, life estates, terms for years, remainders and reversions includable in estates of decedents dying before January 1, 1971, see T.D. 6296, 23 FR 4529, June 24, 1958, as amended by T.D. 7077, 35 FR 18461, December 4, 1970.

(2) The present value of an annuity, life estate, remainder, or reversion determined under this section which is dependent on the continuation or termination of the life of one person is computed by the use of Table A in paragraph (f) of this section. The present value of an annuity, term for years, remainder, or reversion dependent on a term certain is computed by the use of Table B in paragraph (f) of this section. If the interest to be valued is dependent upon more than one life or there is a term certain concurrent with one or more lives, see paragraph (e) of this section. For purposes of the computations described in this section, the age of a person is to be taken as the age of that person at his or her nearest birthday.

(3) In all examples set forth in this section, the decedent is assumed to have died after November 30, 1983.

(b) *Annuities.* (1) If an annuity is payable annually at the end of each year during the life of an individual (as for example if the first payment is due one year after the decedent's death), the amount payable annually is multiplied by the figure in column 2 of Table A opposite the number of years in coumn 1 nearest the age of the individual whose life measures the duration of the annuity. If the annuity is payable annually at the end of each of year for a definite number of years, the amount payable annually is multiplied by the figure in column 2 of Table B opposite the number of years in column 1 representing the duration of the annuity. The application of this paragraph (b)(1) may be illustrated by the following examples:

Example (1). The decedent received, under the terms of the decedent's father's will an annuity of $10,000 a year payable annually for the life of the decedent's elder brother. At the time the decedent died, an annual payment had just been made. The brother at the decedent's death was 40 years eight months old. By reference to Table A, the figure in column 2 opposite 41 years, the number nearest to the brother's actual age, is found to be 9.1030. The present value of the annuity at the date of the decedent's death is, therefore, $91,030 ($10,000 x 9.1030).

Example (2). The decedent was entitled to receive an annuity of $10,000 a year payable annually throughout a term certain. At the time the decedent died, the annual payment had just been made and five more annual payments were still to be made. By reference to Table B, it is found that the figure in column 2 opposite five years is 3.7908. The present value of the annuity is, therefore, $37,908 ($10,000 x 3.7808).

(2) If an annuity is payable at the end of semiannual, quarterly, monthly, or weekly periods during the life of an individual (as for example if the first payment is due one month after the decedent's death), the aggregate amount to be paid within a year is first multiplied by the figure in column 2 of Table A opposite the number of years in column 1 nearest the age of the individual whose life measures the duration of the annuity. The product so obtained is then multiplied by whichever of the following factors is appropriate:

1.0244 for semiannual payments,
1.0368 for quarterly payments,
1.0450 for monthly payments,
1.0482 for weekly payments.

If the annuity is payable at the end of semiannual, quarterly, monthly, or weekly periods for a definite number of years, the aggregate amount to be paid within a year is first multiplied by the figure in column 2 of Table B opposite the number of years in column 1 representing the duration of the annuity. The product so obtained is then multiplied by whichever of the above factors is appropriate. The application of this paragraph (b)(2) may be illustrated by the following example:

Example. The facts are the same as those contained in example (1) set forth in paragraph (b)(1) of this section, except that the annuity is payable semiannually. The aggregate annual amount, $10,000, is multiplied by the factor 9.1030 and the product multiplied by 1.0244. The present value of the annuity at the date of the decedent's death is, therefore, $93,251.13 ($10,000 x 9.1030 x 1.0244).

(3)(i) If the first payment of an annuity for the life of an individual is due at the beginning of the annual or other payment period rather than at the end (as for example if the first payment is to be made immediately after the decedent's death), the value of the annuity is the sum of (A) the first payment plus (B) the present value of a similar annuity, the first payment of which is not to be made until the end of the payment period, determined as provided in paragraphs (b)(1) or (2) of this section, the application of this paragraph (b)(3)(i) may be illustrated by the following example:

Example. The decedent was entitled to receive an annuity of $50 a month during the life of another, a woman. The decedent died on the date the payment was due. At the date of the decedent's death, the person whose life measures the duration of the annuity was 50 years of age. The value of the annuity at the date of the decedent's death is $50 plus the product of $50×12×6.4743 (see Table A)×1.0450 (See paragraph (b)(2) of this section). That is $50 plus $5,313.39, or $5,363.39.

(ii) If the first payment of an annuity for a definite number of years is due at the beginning of the annual or other payment period, the applicable factor is the product of the factor shown in Table B multiplied by whichever of the following factors is appropriate:

1.1000 for annual payments,
1.0744 for semiannual payments,
1.0618 for quarterly payments,
1.0534 for monthly payments,
1.0502 for weekly payments.

The application of this paragraph (b)(3)(ii) may be illustrated by the following example:

Example. The decedent was the beneficiary of an annuity of $50 a month. On the day a payment was due, the decedent died. There were 300 payments to be made, including the payment due. The value of the annuity as of the date of decedent's death is the product of $50×12×9.0770 (see Table B)×1.0534, or $5,737.03.

(c) *Life estates and terms for years.* If the interest to be valued is the right of a person for his or her life, or for the life of another person, to receive the income of certain property or to use nonincome-producing property, the value of the interest is the value of the property multiplied by the figure in column 3 of Table A opposite the number of years nearest to the actual age of the measuring life. If the interest to be valued is the right to receive income of property or to use nonincome-producing property for a term of years, column 3 of Table B is used. The application of this paragraph (c) may be illustrated by the following example:

Example. The decedent or the decedent's estate was entitled to receive the income from a fund of $50,000 during the life of the decedent's elder brother. Upon the brother's death, the remainder is to go to B. The brother was 31 years, five months old at the time of decedent's death. By reference to Table A the figure in column 3 opposite 31 years is found to be 0.95254. The present value of the decedent's interest is, therefore, $47,627 ($50,000×0.95254).

(d) *Remainders or reversionary interests.* If a decedent had, at the time of the decedent's death, a remainder or a reversionary interest in property to take effect after an estate for the life of another, the present value of the decedent's interest is obtained by multiplying the value of the property by the figure in column 4 of Table A opposite the number of years nearest to the actual age of the person whose life measures the preceding estate. If the remainder or reversion is to take effect at the end of the term for years, column 4 of Table B is used. The application of this paragraph (d) may be illustrated by the following example:

Example. The decedent was entitled to receive certain property worth $50,000 upon the death of the decedent's elder sister, to whom the income was bequeathed for life. At the time of the decedent's death, the elder sister was 31 years five months old. By reference to Table A the figure in column 4 opposite 31 years is found to be .04746. The present value of the remainder interest at the date of the decedent's death is, therefore, $2,373 ($50,000×.04746).

(e) *Actuarial computations by the Internal Revenue Service.* If the valuation of the interest involved is dependent upon the continuation or the termination of more than one life or upon a term certain concurrent with one or more lives a special factor must be used. The factor is to be computed on the basis of interest at the rate of 10 percent a year, compounded annually, and life contingencies determined, as to each person involved, from the values of lx that are set forth in column 2 of Table LN of paragraph (f). Table LN contains values of lx taken from the life table for the total population appearing as Table 1 of United States Life Tables: 1969–71, published by the Department of Health, Education, and Welfare, Public health service. A copy of the publication containing many such special factors, may be purchased from the Superintendent of Documents, United States Government Printing Office, Washington, D.C. 20404. However, if a special factor is required in the case of an actual decedent, the Commissioner will furnish the factor to the executor upon request. The request must be accompanied by a statement of the date of birth of each person, the duration of whose life may affect the value of the interest, and by copies of the relevant instruments. Special factors are not furnished for prospective transfers.

(f) *Tables.* The following tables shall be used in the application of the provisions of this section:

TABLE A.—SINGLE LIFE, UNISEX, 10 PERCENT SHOWING THE PRESENT WORTH OF AN ANNUITY, OF A LIFE INTEREST, AND OF A REMAINDER INTEREST

(1) Age	(2) Annuity	(3) Life estate	(4) Remainder
0	9.7188	.97188	.02812
1	9.8988	.98988	.01012
2	9.9017	.99017	.00983
3	9.9008	.99008	.00992
4	9.8981	.98981	.01019
5	9.8938	.98938	.01062
6	9.8884	.98884	.01116
7	9.8822	.98822	.01178
8	9.8748	.98748	.01252
9	9.8663	.98663	.01337
10	9.8565	.98565	.01435
11	9.8453	.98453	.01547
12	9.8329	.98329	.01671
13	9.8198	.98198	.01802
14	9.8066	.98066	.01934
15	9.7937	.97937	.02063
16	9.7815	.97815	.02185
17	9.7700	.97700	.02300
18	9.7590	.97590	.02410
19	9.7480	.97480	.02520
20	9.7365	.97365	.02635
21	9.7245	.97245	.02755
22	9.7120	.97120	.02880
23	9.6986	.96986	.03014
24	9.6841	.96841	.03159
25	9.6678	.96678	.03322
26	9.6495	.96495	.03505
27	9.6290	.96290	.03710
28	9.6062	.96062	.03938
29	9.5813	.95813	.04187
30	9.5543	.95543	.04457
31	9.5254	.95254	.04746
32	9.4942	.94942	.05058
33	9.4608	.94608	.05392
34	9.4250	.94250	.05750
35	9.3868	.93868	.06132
36	9.3460	.93460	.06540
37	9.3026	.93026	.06974
38	9.2567	.92567	.07433
39	9.2083	.92083	.07917
40	9.1571	.91571	.08429
41	9.1030	.91030	.08970
42	9.0457	.90457	.09543
43	8.9855	.89855	.10145
44	8.9221	.89221	.10779
45	8.8558	.88558	.11442
46	8.7863	.87863	.12137
47	8.7137	.87137	.12863
48	8.6374	.86374	.13626
49	8.5578	.85578	.14422
50	8.4743	.84743	.15257
51	8.3874	.83874	.16126
52	8.2969	.82969	.17031
53	8.2028	.82028	.17972
54	8.1054	.81054	.18946
55	8.0046	.80046	.19954
56	7.9006	.79006	.20994
57	7.7931	.77931	.22069
58	7.6822	.76822	.23178
59	7.5675	.75675	.24325
60	7.4491	.74491	.25509
61	7.3267	.73267	.26733
62	7.2002	.72002	.27998
63	7.0696	.70696	.29304
64	6.9352	.69352	.30648
65	6.7970	.67970	.32030
66	6.6551	.66551	.33449
67	6.5098	.65098	.343902
68	6.3610	.63610	.363890
69	6.2086	.62086	.37914
70	6.05422	.60522	.39478
71	5.8914	.58914	.41086
72	5.7261	.57261	.42739
73	5.5571	.55571	.44429
74	5.3862	.53862	.46138
75	5.2149	.52149	.47851
76	5.0441	.50441	.49559
77	4.8742	.48742	.51258
78	4.7049	.47049	.52951
79	4.5357	.45357	.54643
80	4.3659	.43659	.56341
81	4.1967	.41967	.58033
82	4.0295	.40295	.59705
83	3.8642	.38642	.61358
84	3.6998	.36998	.63002
85	3.5359	.35359	.64641

TABLE A.—SINGLE LIFE, UNISEX, 10 PERCENT SHOWING THE PRESENT WORTH OF AN ANNUITY, OF A LIFE INTEREST, AND OF A REMAINDER INTEREST—Continued

(1) Age	(2) Annuity	(3) Life estate	(4) Remainder
86	3.3764	.33764	.66236
87	3.2262	.32262	.67738
88	3.0859	.30859	.69141
89	2.9526	.29526	.70474
90	2.8221	.26221	.71779
91	2.6955	.26955	.73045
92	2.5771	.25771	.74229
93	2.4692	.24692	.75308
94	2.3726	.23726	.76272
95	2.2887	.22887	.77113
96	2.2181	.22181	.77819
97	2.1550	.21550	.78450
98	2.1000	.21000	.79000
99	2.0486	.20486	.79514
100	1.9975	.19975	.80025
101	1.9532	.19532	.80468
102	1.9054	.19054	.80946
103	1.8437	.18437	.81563
104	1.7856	.17856	.82144
105	1.6962	.16962	.83038
106	1.5488	.15488	.84512
107	1.3409	.13409	.86591
108	1.0068	.10068	.89932
109	.4545	.04545	.95455

TABLE B.—TABLE SHOWING THE PRESENT WORTH AT 10 PERCENT OF AN ANNUITY FOR A TERM CERTAIN, OF AN INCOME INTEREST FOR A TERM CERTAIN AND OF A REMAINDER INTEREST POSTPONED FOR A TERM CERTAIN

(1) Number of years	(2) Annuity	(3) Term certain	(4) Remainder
1	.9091	.090909	.909091
2	1.7355	.173554	.826446
3	2.4869	.248685	.751315
4	3.1699	.316987	.683013
5	3.7908	.379079	.620921
6	4.3553	.435526	.564474
7	4.8684	.486842	.513158
8	5.3349	.533493	.466507
9	5.7590	.575902	.424098
10	6.1446	.614457	.385543
11	6.4951	.649506	.350494
12	6.8137	.681369	.318631
13	7.1034	.710336	.289664
14	7.3667	.736669	.263331
15	7.6061	.760608	.239392
16	7.8237	.782371	.217629
17	8.0216	.802155	.197845
18	8.2014	.820141	.179859
19	8.3649	.836492	.163508
20	8.5136	.851356	.148644
21	8.6487	.864869	.135131
22	8.7715	.877154	.122846
23	8.8832	.888322	.111678
24	8.9847	.898474	.101526
25	9.0770	.907704	.092296
26	9.1609	.916095	.083905
27	9.2372	.923722	.076278
28	9.3066	.930657	.069343
29	9.3696	.936961	.063039
30	9.4269	.942691	.057309
31	9.4790	.947901	.052099
32	9.5264	.952638	.047362
33	9.5694	.956943	.043057
34	9.6086	.960857	.039143
35	9.6442	.964416	.035584
36	9.6765	.967651	.032349
37	9.7059	.970592	.029408
38	9.7327	.973265	.026735
39	9.7570	.975696	.024304
40	9.7791	.977905	.022095
41	9.7991	.979914	.020086
42	9.8174	.981740	.018260
43	9.8340	.983400	.016600
44	9.8491	.984909	.015091
45	9.8628	.986281	.013719
46	9.8753	.987528	.012472
47	9.8866	.988662	.011338

TABLE B.—TABLE SHOWING THE PRESENT WORTH AT 10 PERCENT OF AN ANNUITY FOR A TERM CERTAIN, OF AN INCOME INTEREST FOR A TERM CERTAIN AND OF A REMAINDER INTEREST POSTPONED FOR A TERM CERTAIN—Continued

(1) Number of years	(2) Annuity	(3) Term certain	(4) Remainder
48	9.8969	.989693	.010307
49	9.9063	.990630	.009370
50	9.9140	.991481	.008519
51	9.9226	.992256	.007744
52	9.9296	.992960	.007040
53	9.9360	.993600	.006400
54	9.9418	.994182	.005818
55	9.9471	.994711	.005289
56	9.9519	.995191	.004809
57	9.9563	.995629	.004371
58	9.9603	.996026	.003974
59	9.9639	.996387	.003613
60	9.9672	.996716	.003284

TABLE LN

(1) Age X	(2) lx
0	100,000
1	97,998
2	97,876
3	97,792
4	97,724
5	97,668
6	97,619
7	97,573
8	97,531
9	97,434
10	97,463
11	97,430
12	97,401
13	97,367
14	97,322
15	97,261
16	97,181
17	97,083
18	96,970
19	96,846
20	96,716
21	96,580
22	96,438
23	96,292
24	96,145
25	96,000
26	95,859
27	95,721
28	95,586
29	95,448
30	95,307
31	95,158
32	95,003
33	94,840
34	94,666
35	94,482
36	94,285
37	94,073
38	93,843
39	93,593
40	93,322
41	93,028
42	92,712
43	92,368
44	91,995
45	91,587
46	91,144
47	90,662
48	90,142
49	89,579
50	88,972
51	88,315
52	87,605
53	86,838
54	86,007
55	85,110
56	84,142
57	83,103
58	81,968
59	80,798
60	79,529
61	78,181
62	76,751

TABLE LN—Continued

(1) Age X	(2) lx
63	75,236
64	73,631
65	71,933
66	70,139
67	68,246
68	66,254
69	64,166
70	61,984
71	59,715
72	57,360
73	54,913
74	52,363
75	49,705
76	46,946
77	44,101
78	41,192
79	38,245
80	35,285
81	32,323
82	29,375
83	26,469
84	23,638
85	20,908
86	18,282
87	15,769
88	13,407
89	11,240
90	9,297
91	7,577
92	6,070
93	4,773
94	3,682
95	2,786
96	2,068
97	1,511
98	1,087
99	772
100	542
101	375
102	257
103	175
104	117
105	76
106	52
107	34
108	22
109	14
110	0

§ 20.2031-10 [Amended]

Par. 13. Section 20.2031-10 is amended as follows:

a. The topic heading of § 20.2031-10 is amended by adding ", and before December 1, 1983" immediately following "December 31, 1970".

b. The first sentence of paragraph (a)(1) is amended by adding "and before December 1, 1983," immediately following "December 31, 1970,".

c. The last sentence of paragraph (a)(1) is amended by removing "on or before December 31, 1970" and inserting in lieu thereof "after November 30, 1983".

d. Paragraph (a)(3) is amended by adding ", and before December 1, 1983" immediately following "December 31, 1970".

Par. 14. The last two sentences of paragraph (f)(1) of § 20.2032-1 are revised to read as set forth below.

§ 20.2032-1 Alternate valuation.

* * * * *

(f) *Mere lapse of time.* * * *

(1) *Life estates, remainders, and similar interests.* * * * The value of the decedent's remainder interest at the date of the decedent's death would, as explained in paragraph (d) of § 20.2031-7, be $2,373 ($50,000×.04746). If, because of economic conditions, the property declined in value and was worth only $40,000 6 months after the date of the decedent's death, the value of the remainder interest would be $1,698.40 ($40,000×.04746), even though the elder brother may be 32 years old on the alternate date.

* * * * *

§ 20.2055-2 [Amended]

Par. 15. Section 20.2055-2 is amended as follows:

a. The first sentence of paragraph (f)(2)(iv) is amended by removing "§ 20.2031-10" and inserting in lieu thereof "§ 20.2031-7 or 20.2031-10, whichever is appropriate."

b. Paragraph (f)(4) is revised to read as set forth below.

§ 20.2055-2 Transfers not exclusively for charitable purposes.

* * * * *

(f) *Valuation of charitable interests*— * * *

(4) *Other decedents.* The present value of an interest not described in paragraph (f)(2) of this section is to be determined under § 20.2031-7 in the case of decedents dying after November 30, 1983, or under § 20.2031-10 in the case of decedents dying after December 31, 1970, and before December 1, 1983.

* * * * *

Par. 16. Section 25.2512-5 is revised to read as set forth below.

§ 25.2512-5 Valuation of annuities, life estates, terms for years, remainders, and reversions transferred after November 30, 1983.

(a) *In General.* (1)(i) Except as otherwise provided in this paragraph (a)(1)(i), the fair market value of annuities, life estates, terms for years, remainders, and reversions transferred after November 30, 1983, is their present value determined under this section. The value of annuities issued by companies regularly engaged in their sale and of insurance policies issued by companies regularly engaged in their sale is determined under § 25.2512-6. The fair market value of a remainder interest in a charitable remainder unitrust, as defined in § 1.664-3, is its present value determined under § 1.664-4. The fair market value of a life interest or term for years in a charitable remainder unitrust is the fair market value of the property as of the date of transfer less the fair market value of the remainder interest on such date determined under § 1.664-4. The fair market value of interests in a pooled income fund, as defined in § 1.642(c)-5, is their value determined under § 1.642(c)-6. Where the donor transfers property in trust or otherwise and retains an interest therein, the value of the gift is the value of the property transferred less the value of the donor's retained interest. If the donor assigns or relinquishes an annuity, life estate, remainder, or reversion which the donor holds by virtue of a transfer previously made by the donor or another, the value of the gift is the value of the interest transferred. See § 25.2512-9 with respect to the valuation of annuities, life estates, terms for years, remainders, and reversions transferred after December 31, 1970, and before December 1, 1983. With respect to the valuation of annuities, life estates, terms for years, remainders, and reversions transferred before January 1, 1971, see T.D. 6334, 23 FR 8904, November 15, 1958, as amended by T.D. 7077, 35 FR 18464, December 4, 1970.

(ii) If the donor transfers in December of 1983, either—

(A) A remainder or a reversion subject to a life interest or a term for years where the life interest or term for years was transferred by the donor after December 31, 1982, and before December 1, 1983, or

(B) A life interest or term for years, the remainder interest of which was transferred by the donor after December 31, 1982, and before December 1, 1983,

the donor shall make an election. The donor may elect to value both interests transferred in 1983 under § 25.2512-9 as if such section applied to all transfers made before January 1, 1984, or the donor may elect to have both transfers valued under this section. The donor shall indicate the election being made in a statement attached to the donor's gift tax return for 1983.

(iii) If the donor transfers in calendar year 1984, either—

(A) A remainder on a reversion subject to a life interest or a term for years where the life interest or term for years was transferred by the donor in the first eleven months of 1983, or

(B) A life interest or term for years, the remainder interest of which was transferred by the donor in the first eleven months of 1983,

the donor shall make an election. The donor may elect to value the interest transferred in 1984 under § 25.2512-9 as if such section applied to all transfers made before January 1, 1985, or the donor may elect to have the transfer valued under this section. If the donor elects to value the interest transferred in 1984 under § 25.2512-9, the donor shall

indicate the election being made by a statement attached to the donor's gift tax return for 1984. If the donor elects to value the interest transferred in 1984 under this section the election shall not be effective unless the donor declares, in a statement attached to the donor's gift tax return for 1984, that the donor has filed an amended gift tax return for 1983, in which the donor has revalued the transfers made in the first eleven months of 1983 under this section as if this section applied to transfers made after December 31, 1982.

(2) The present value of an annuity, life estate, remainder, or reversion determined under this section which is dependent on the continuation or termination of the life of one person is computed by the use of Table A in paragraph (f) of this section. The present value of an annuity, term for years, remainder, or reversion dependent on a term certain is computed by the use of Table B in paragraph (f) of this section. If the interest to be valued is dependent upon more than one life or there is a term certain concurrent with one or more lives, see paragraph (e) of this section. For purposes of the computations described in this section, the age of the person is to be taken at his or her nearest birthday.

(3) In all examples set forth in this section, the interst is assumed to have been transferred after November 30, 1983.

(b) *Annuities.* (1) If an annuity is payable annually at the end of each year during the life of an individual (as for example if the first payment is due one year after the date of the gift), the amount payable annually is multiplied by the figure in column 2 of Table A opposite the number of years in column 1 nearest the age of the individual whose life measures the duration of the annuity. If the annuity is payable annually at the end of each year for a definite number of years, the amount payable annually is multiplied by the figure in column 2 of Table B opposite the number of years in column 1 representing the duration of the annuity.

The application of this paragraph (b)(1) may be illustrated by the following examples:

Example (1). The donor assigns an annuity of $10,000 a year payable annually during his life immediately after an annual payment has been made. The age of the donor on the date of assignment is 40 years and eight months. By reference to Table A, it is found that the figure in column 2 opposite 41 years is 9.1030. The value of the gift is, therefore, $91,030 ($10,000 multiplied by 9.1030).

Example (2). The donor was entitled to receive an annuity of $10,000 a year payable annually at the end of annual periods throughout a term of 20 years. The donor, when 15 years have elapsed, makes a gift thereof to the donor's son. By reference to Table B, it is found that the figure in column 2 opposite five years, the unexpired portion of the 20-year period, is 3.7908. The present value of the annuity is, therefore, $37,908 (10,000 multiplied by 3.7908).

(2) If an annuity is payable at the end of semiannual, quarterly, monthly, or weekly periods during the life of an individual (as for example if the first payment is due one month after the date of the gift), the aggregate amount to be paid within a year is first multiplied by the figure in column 2 of Table A opposite the number of years in column 1 nearest the age of the individual whose life measures the duration of the annuity. The product so obtained is then multiplied by whichever of the following factors is appropriate:

1.0244 for semiannual payments,
1.0368 for quarterly payments,
1.0450 for monthly payments,
1.0482 for weekly payments.

If the annuity is payable at the end of semiannual, quarterly, monthly, or weekly periods for a definite number of years the aggregate amount to be paid within a year is first multiplied by the figure in column 2 of Table B opposite the number of years in column 1 representing the duration of the annuity. The product so obtained is then multiplied by whichever of the above factors is appropriate. The application of this paragraph (b)(2) may be illustrated by the following example:

Example. The facts are the same as those contained in example (1) set forth in paragraph (b)(1) above, except that the annuity is payable semiannually. The aggregate annual amount, $10,000 is multiplied by the factor 9.1030, and the product multiplied by 1.0244. The value of the gift is, therefore, $93,251.13 ($10,000×9.1030×1.0244).

(3)(i) If the first payment of an annuity for the life of an individual is due at the beginning of the annual or other payment period rather than at the end (as for example if the first payment is to be made immediately after the date of the gift), the value of the annuity is the sum of (A) the first payment plus (B) the present value of a similar annuity, the first payment of which is not to be made until the end of the payment period, determined as provided in paragraphs (b (1) or (2) of this section. The application of this paragraph (b)(3)(i) may be illustrated by the following example:

Example. The donee is made the beneficiary for life of an annuity of $50 a month from the income of a trust, subject to the right reserved by the donor to cause the annuity to be paid for the donor's own benefit or for the benefit of another. On the day a payment is due, the donor relinquishes the reserved power. The donee is then 50 years of age. The value of the gift is $50 plus the product of $50×12×8.4743 (see Table A)×1.0450. That is, $50 plus $5,313.39, or $5,363.39.

(ii) If the first payment of an annuity for a definite number of years is due at the beginning of the annual or other payment period, the applicable factor is the product of the factor shown in Table B multiplied by whichever of the following factors is appropriate:

1.1000 for annual payments,
1.0744 for semiannual payments,
1.0618 for quarterly payments,
1.0534 for monthly payments, or
1.0502 for weekly payments.

The application of this paragraph (b)(3)(ii) may be illustrated by the following example:

Example. The donee is the beneficiary of an annuity of $50 a month, subject to a reserved right in the donor to cause the annuity or the cash value thereof to be paid for the donor's own benefit or the benefit of another. On the day a payment is due, the donor relinquishes the power. There are 300 payments to be made covering a period of 25 years, including the payment due. The value of the gift is the product of $50×12×9.0770 (factor for 25 years Table B)×1.0534, or $5,737.03.

(c) *Life estates and terms for years.* If the interest to be valued is the right of a person for his or her life, or for the life of another person, to receive the income of certain property or to use non-income-producing property, the value of the interest is the value of the property multiplied by the figure in column 3 of Table A opposite the number of years nearest to the actual age of the measuring life. If the interest to be valued is the right to receive income of property for a term of years, column 3 of Table B is used. The application of this paragraph (c) may be illustrated by the following example:

Example. The donor who during his life is entitled to receive the income from property worth $50,000, makes a gift of such interest. The donor is 31 years old on the date of the gift. The value of the gift is $47,627 ($50,000×.95254).

(d) *Remainders or reversionary interests.* If the interest to be valued is a remainder or reversionary interest subject to a life estate, the value of the interest should be obtained by multiplying the value of the property at the date of the gift by the figure in column 4 of Table A opposite the number of years nearest the age of the life tenant. If the remainder or reversion is to take effect at the end of a term for years, column 4 of Table B should be

used. The application of this paragraph (d) may be illustrated by the following example:

Example. The donor transfers by gift a remainder interest in property worth $50,000, subject to the donor's sister's right to receive the income therefrom for her life. The sister at the date of the gift is 31 years of age. By reference to Table A it is found that the figure in column 4 opposite age 31 is .04746. The value of the gift is, therefore, $2,373 ($50,000 x .04746).

(e) *Actuarial computations by the Internal Revenue Service.* If the interest to be valued is dependent upon the continuation or termination of more than one life, or there is a term certain concurrent with one or more lives, or if the retained interest of the donor is conditioned upon survivorship, a special factor is necessary. The factor is to be computed on the basis of interest at the rate of 10 percent a year, compounded annually, and life contingencies is determined, as to each person involved, from the values of lx that are set forth in column 2 of Table LN of paragraph (f) of § 20.2031-7. Table LN contains values of lx taken from the life table for the total population appearing as Table 1 in United States Life Tables: 1969-71, published by the Department of Health, Education, and Welfare, Public Health Service. A copy of the publication containing many such special factors, may be purchased from the Superintendent of Documents, United States Government Printing Office, Washington, D.C. 20402. However, if a special factor is required in the case of an actual gift, the Commissioner will furnish the factor to the donor upon request. The request must be accompanied by a statement of the date of birth of each person the duration of whose life may affect the value of the interest, and by copies of the relevant instruments. Special factors are not furnished for prospective transfers.

(f) *Tables.* The following tables shall be used in the application of the provisions of this section:

TABLE A.—SINGLE LIFE, UNISEX, 10 PERCENT SHOWING THE PRESENT WORTH OF AN ANNUITY, OF A LIFE INTEREST, AND OF A REMAINDER INTEREST

Age	Annuity	Life Estate	Remainder
(1)	(2)	(3)	(4)
0	9.7188	.97188	.02812
1	9.6988	.96988	.01012
2	9.9017	.99017	.00983
3	9.9008	.99008	.00992
4	9.8981	.98981	.01019
5	9.8938	.98938	.01062
6	9.8884	.98884	.01116
7	9.8822	.98822	.01178
8	9.8748	.98748	.01252
9	9.8663	.98663	.01337

TABLE A.—SINGLE LIFE, UNISEX, 10 PERCENT SHOWING THE PRESENT WORTH OF AN ANNUITY, OF A LIFE INTEREST, AND OF A REMAINDER INTEREST—Continued

Age	Annuity	Life Estate	Remainder
(1)	(2)	(3)	(4)
10	9.8565	.98565	.01435
11	9.8453	.98453	.01547
12	9.8329	.98329	.01671
13	9.8198	.98198	.01802
14	9.8066	.98066	.01934
15	9.7937	.97937	.02063
16	9.7815	.97815	.02185
17	9.7700	.97700	.02300
18	9.7590	.97590	.02410
19	9.7480	.97480	.02520
20	9.7365	.97365	.02635
21	9.7245	.97245	.02755
22	9.7120	.97120	.02880
23	9.6986	.96986	.03014
24	9.6841	.96841	.03159
25	9.6678	.96678	.03322
26	9.6495	.96495	.03505
27	9.6290	.96290	.03710
28	9.6062	.96062	.03938
29	9.5813	.95813	.04187
30	9.5543	.95543	.04457
31	9.5254	.95254	.04746
32	9.4942	.94942	.05058
33	9.4608	.94608	.05392
34	9.4250	.94250	.05750
35	9.3868	.93868	.06132
36	9.3460	.93460	.06540
37	9.3026	.93026	.06974
38	9.2567	.92567	.07433
39	9.2083	.92083	.07917
40	9.1571	.91571	.08429
41	9.1030	.91030	.08970
42	9.0457	.90457	.09543
43	8.9855	.89855	.10145
44	8.9221	.89221	.10779
45	8.8558	.88558	.11442
46	8.7863	.87863	.12137
47	8.7137	.87137	.12863
48	8.6374	.86374	.13626
49	8.5578	.85578	.14422
50	8.4743	.84743	.15257
51	8.3874	.83874	.16126
52	8.2969	.82969	.17031
53	8.2028	.82028	.17972
54	8.1054	.81054	.18946
55	8.0046	.80046	.19954
56	7.9006	.79006	.20994
57	7.7931	.77931	.22069
58	7.6822	.76822	.23178
59	7.5675	.75675	.24325
60	7.4491	.74491	.25509
61	7.3267	.73267	.26733
62	7.2002	.72002	.27998
63	7.0696	.70696	.29304
64	6.9352	.69352	.30648
65	6.7970	.67970	.32030
66	6.6551	.66551	.33449
67	6.5098	.65098	.34902
68	6.3610	.63610	.36390
69	6.2086	.62086	.37914
70	6.0522	.60522	.39478
71	5.8914	.58914	.41086
72	5.7261	.57261	.42739
73	5.5571	.55571	.44429
74	5.3862	.53862	.46138
75	5.2149	.52149	.47851
76	5.0441	.50441	.49559
77	4.8742	.48742	.51258
78	4.7049	.47049	.52951
79	4.5357	.45357	.54643
80	4.3659	.43659	.56341
81	4.1967	.41967	.58033
82	4.0295	.40295	.59705
83	3.8642	.38642	.61358
84	3.6998	.36998	.63002
85	3.5359	.35359	.64641
86	3.3764	.33764	.66236
87	3.2262	.32262	.67738
88	3.0859	.30859	.69141
89	2.9526	.29526	.70474
90	2.8221	.28221	.71779
91	2.6955	.26955	.73045
92	2.5771	.25771	.74229
93	2.4692	.24692	.75308
94	2.3728	.23728	.76272
95	2.2887	.22887	.77113

TABLE A.—SINGLE LIFE, UNISEX, 10 PERCENT SHOWING THE PRESENT WORTH OF AN ANNUITY, OF A LIFE INTEREST, AND OF A REMAINDER INTEREST—Continued

Age	Annuity	Life Estate	Remainder
(1)	(2)	(3)	(4)
96	2.2181	.22181	.77819
97	2.1550	.21550	.78450
98	2.1000	.21000	.79000
99	2.0486	.20486	.79514
100	1.9975	.19975	.80025
101	1.9532	.19532	.80468
102	1.9054	.19054	.80946
103	1.8437	.18437	.81563
104	1.7856	.17856	.82144
105	1.6962	.16962	.83038
106	1.5488	.15488	.84512
107	1.3409	.13409	.86591
108	1.0068	.10068	.89932
109	.4545	.04545	.95455

TABLE B.—TABLE SHOWING THE PRESENT WORTH AT 10 PERCENT OF AN ANNUITY FOR A TERM CERTAIN, OF AN INCOME INTEREST FOR A TERM CERTAIN AND OF A REMAINDER INTEREST POSTPONED FOR A TERM CERTAIN

Number of years	Annuity	Term certain	Remainder
(1)	(2)	(3)	(4)
1	.9091	.090909	.909091
2	1.7355	.173554	.826446
3	2.4869	.248685	.751315
4	3.1699	.316987	.683013
5	3.7908	.379079	.620921
6	4.3553	.435526	.564474
7	4.8684	.486842	.513158
8	5.3349	.533493	.466507
9	5.7590	.575902	.424098
10	6.1446	.614457	.385543
11	6.4951	.649506	.350494
12	6.8137	.681369	.318631
13	7.1034	.710336	.289664
14	7.3667	.736669	.263331
15	7.6061	.760608	.239392
16	7.8237	.782371	.217629
17	8.0216	.802155	.197845
18	8.2014	.820141	.179859
19	8.3649	.836492	.163508
20	8.5136	.851356	.148644
21	8.6487	.864869	.135131
22	8.7715	.877154	.122846
23	8.8832	.888322	.111678
24	8.9847	.898474	.101526
25	9.0770	.907704	.092296
26	9.1609	.916095	.083905
27	9.2372	.923722	.076278
28	9.3066	.930657	.069343
29	9.3696	.936961	.063039
30	9.4269	.942691	.057309
31	9.4790	.947901	.052099
32	9.5264	.952638	.047362
33	9.5694	.956943	.043057
34	9.6086	.960857	.039143
35	9.6442	.964416	.035584
36	9.6765	.967651	.032349
37	9.7059	.970592	.029408
38	9.7327	.973265	.026735
39	9.7570	.975696	.024304
40	9.7791	.977905	.022095
41	9.7991	.979914	.020086
42	9.8174	.981740	.018260
43	9.8340	.983400	.016600
44	9.8491	.984909	.015091
45	9.8628	.986281	.013719
46	9.8753	.987528	.012472
47	9.8866	.988662	.011338
48	9.8969	.989693	.010307
49	9.9063	.990630	.009370
50	9.9148	.991481	.008519
51	9.9226	.992256	.007744
52	9.9296	.992960	.007040
53	9.9360	.993600	.006400
54	9.9418	.994182	.005818
55	9.9471	.994711	.005289
56	9.9519	.995191	.004809
57	9.9563	.995629	.004371

TABLE B.—TABLE SHOWING THE PRESENT WORTH AT 10 PERCENT OF AN ANNUITY FOR A TERM CERTAIN, OF AN INCOME INTEREST FOR A TERM CERTAIN AND OF A REMAINDER INTEREST POSTPONED FOR A TERM CERTAIN—Continued

Number of years	Annuity	Term certain	Remainder
(1)	(2)	(3)	(4)
58	9.9603	.996026	.003974
59	9.9639	.996387	.003613
60	9.9672	.996716	.003284

§ 25.2512-9 [Amended]

Par. 17. Section 25.2512-9 is amended as follows:

a. The topic heading of § 25.2512-9 is amended by adding ", and before December 1, 1983" immediately following "December 31, 1970".

b. The first sentence of paragraph (a)(1)(i) is amended by adding "and before December 1, 1983" immediately following "December 31 1970,".

c. The last sentence of paragraph (a)(1)(i) is amended by removing "on or before December 31, 1970" and inserting in lieu thereof "after November 30, 1983".

d. Paragraph (a)(3) is amended by adding", and before December 1, 1983" immediately following "December 31, 1970".

Par. 18. Section 25.2522(c)-3 is amended as follows:

a. The first sentence of paragraph (d)(2)(iv) is amended by removing " § 25.2512-9" and inserting in lieu thereof "§§ 25.2512-5 or 25.2512-9, whichever is appropriate,".

b. Paragraph (d)(3) is revised to read as set forth below.

§ 25.2522(c)-3 Transfers not exclusively for charitable, etc., purposes in the case of gifts made after July 31, 1969.

* * * * *

(d) *Valuation of charitable interest*—

* * *

(3) *Other transfers.* The present value of an interest not described in paragraph (d)(2) of this section is to be determined under § 25.2512-5 in the case of transfers after November 30, 1983 (§ 25.2512-9 for transfers before December 1, 1983).

* * * *

§ 25.2523(a)-1 [Amended]

Par. 19. Paragraph (d) of § 25.2523(a)-1 is amended as follows:

a. The second and third sentences are amended by removing "§ 25.2512-9 (§ 25.2512-5 in the case of a remainder transferred before January 1, 1971)" wherever it appears and inserting in lieu thereof "§§ 25.2512-5 or 25.2512-9 whichever is appropriate".

b. The fourth and last sentences are amended by removing "§ 25.2512-9(e)" wherever it appears and inserting in lieu thereof "§§ 25.2512-5 (e) or 25.2512-9 (e), whichever is appropriate".

Roscoe L. Egger, Jr.,

Commissioner of Internal Revenue.

[FR Doc. 83-29127 Filed 10-25-83; 8:45 am]

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PENSION BENEFIT GUARANTY CORPORATION

29 CFR Part 2623

Benefit Reductions in Terminated Single-Employer Pension Plans and Recoupment of Benefit Overpayments

AGENCY: Pension Benefit Guaranty Corporation.

ACTION: Proposed rule.

SUMMARY: This proposed regulation prescribes rules requiring plan administrators to reduce benefit payments after plan termination when those benefit payments exceed the level of benefits guaranteed and payable by the Pension Benefit Guaranty Corporation under sections 4022 and 4022B of the Employee Retirement Income Security Act of 1974, as amended. This regulation also prescribes rules by which the PBGC will recover from plan participants or beneficiaries any benefit overpayments made after plan termination.

Sections 4022 and 4022B of the Act set limitations on the benefits that are guaranteed and paid by PBGC when a covered plan that has insufficient assets terminates. Often, benefits being paid by the plan at termination exceed those guaranteed benefits. To the extent that higher benefits continue to be paid after termination, plan assets are depleted and a greater expenditure of PBGC's insurance funds is required.

The effect of this proposed regulation, if adopted, would be to require that plan administrators reduce certain benefit payments after plan termination and to provide a method by which PBGC would recoup benefit overpayments after that date.

DATES: Comments must be received on or before December 30, 1982.

ADDRESSES: Comments should be sent to: General Council, Legal Department, Pension Benefit Guaranty Corporation, Code 210, 2020 K Street, NW., Washington, D.C. 20006. Copies of comments will be available for examination in Room 7100, Pension Benefit Guaranty Corporation, 2020 K Street, NW., Washington, D.C. 20006, between the hours of 9:00 A.M. and 4:00 P.M.

FOR FURTHER INFORMATION CONTACT: Renae R. Hubbard, Special Counsel, Legal Department, Pension Benefit Guaranty Corporation, Code 210, 2020 K Street, NW., Washington, DC 20006 (202-254-6476, not a toll free number).

SUPPLEMENTARY INFORMATION:

Background

Title IV of the Employee Retirement Income Security Act of 1974, as amended by Pub. L. 96-364, 94 Stat. 1208 ("the Act"), provides termination insurance for certain defined benefit pension plans. If a covered pension plan terminates without sufficient assets to pay benefits guaranteed under Title IV of the Act, PBGC will pay those benefits.

Sections 4022 and 4022B of the Act establish the level, and section 4044 the order, of benefits that may be paid when a covered pension plan terminates. Benefits to which assets are allocated under section 4044 of the Act are payable out of plan assets. If there are benefits guaranteed under section 4022 of the Act that cannot be paid after the allocation of plan assets, those benefits are payable out of PBGC insurance funds.

Although PBGC's obligation to pay guaranteed benefits arises on the date of plan termination, PBGC does not actually take over benefit payments on that date. The plan administrator of the plan will continue to pay benefits under it until PBGC trusteeship can be effected and plan records transferred to PBGC so that it can assume the benefit payments. During this period of time, plan administrators typically continue to pay participants the benefits to which they are entitled under the plan's provisions.

In many cases, however, a participant's benefit under the plan's provisions exceeds his or her benefit under Title IV of the Act. This occurs because of the limitations on guaranteed benefits contained in section 4022(b) of the Act. It also occurs because benefits assigned to priority categories 2 through 4, under section 4044, include nonguaranteed benefits as well as guaranteed benefits. To the extent that plan assets are insufficient to pay nonguaranteed benefits in a category and they are paid, an overpayment occurs. Plan assets are thus spent which otherwise would be available to pay guaranteed benefits. Further, because these overpayments are made after the date of termination, they are not reflected in the employer's liability to the PBGC, under section 4062 of the Act, for the plan asset insufficiency. The

result is a loss to the PBGC unless it is recouped.

To avoid the incurrence of resulting extra costs on the insurance system, the benefits of plan participants should be reduced to Title IV Benefits as soon as possible after termination. In order to facilitate the reduction of benefits to Title IV Benefits, this regulation coins and uses, as a term of art, the phrase "Title IV Benefits" to mean guaranteed benefits plus nonguaranteed benefits in priority categories 2 through 4 to which assets are allocated under section 4044. As of the date of plan termination, a participant in an insufficient plan is entitled to receive, from the Title IV insurance program, only his or her Title IV Benefits and not the benefit that would be payable under the plan's provisions. It is PBGC's intent that, within the limits of practicality and fairness, plan participants should receive only their Title IV Benefits after the date of plan termination. This goal can be achieved through the reduction of benefits to, or close to, Title IV Benefits as quickly as possible following plan termination, and through recoupment by PBGC from plan participants and their beneficiaries of benefit overpayments.

In the past, PBGC has followed a practice of requesting plan administrators of terminated insufficient plans to reduce benefit payments to estimated Title IV Benefits. Generally, plan administrators have complied with this request. PBGC now proposes to issue regulations requiring this action of all plan administrators of insufficient plans that are terminating. By requiring this action to be taken soon after the submission of a Notice of Intent to Terminate, the amount of overpayments to plan participants, and thus the amounts to be recouped from them, will be reduced. These benefit reduction rules are set forth in Subpart B of this proposed regulation.

Subpart C of the regulation sets forth the rules for PBGC recoupment of benefit overpayments and reimbursement of benefit underpayments. These rules apply to all plans that are to be placed into trusteeship under section 4042 of the Act. In rare cases, PBGC must trustee terminated sufficient plans that are "abandoned", *i.e.*, plans for which there is no longer a plan administrator. Although these plans have sufficient assets to pay all guaranteed benefits, benefit payments after termination in excess of Title IV Benefits might result in there being insufficient assets to pay every participant's allocable benefit under section 4044 of the Act. In this event, PBGC would have to use its funds in order to pay each participant his or her Title IV Benefits. Thus, these plans present the same need for recoupment as terminated insufficient plans.

In the past, PBGC has recouped post-termination benefit overpayments by reducing benefit payments by 10 percent until the total overage has been repaid. This has proven to be an administratively cumbersome system for PBGC because, once the overpayments are recouped, the benefit payments must be changed. Therefore, PBGC is now proposing to recoup overpayments by making actuarial reductions in benefits so that the recoupment of overpayments will be spread over the participant's lifetime. This will reduce the burden of recoupment on most participants. It, also, will be administratively simpler for PBGC since it requires one benefit adjustment rather than two.

The Regulation

Subpart B—Benefit Reductions by Plan Administrator

Section 2623.5(b) of the proposed regulation requires the plan administrator to stop paying, as of the section 4041(a) date of termination, any benefit in excess of a participant's accrued benefit payable at normal retirement age. Section 2623.5(c) similarly requires the plan administrator to stop paying, by that same date, benefits in excess of the maximum guaranteeable amount under section 4022(b)(3)(B) of the Act. The "maximum guaranteeable amount" is the so-called "$750 maximum" adjusted annually for changes in the Social Security contribution and benefit base. Section 2623.5(d) requires the plan administrator thereafter to adjust all benefits either to estimated guaranteed levels or to the level of Title IV Benefits. Sections 2623.6 and 2623.7 contain the rules for estimating guaranteed and Title IV Benefits, respectively. These adjustments must be effected by the 30th day after the section 4041(a) date of termination.

This two-step benefit adjustment process reflects a balancing of conflicting considerations. PBGC normally will recoup all benefit overpayments made after the section 4041(a) date of termination. (PBGC's recoupment policy is explained more fully later in this preamble.) Therefore, it is in the interests of plan participants and beneficiaries who are receiving benefits in excess of Title IV Benefits to have their benefit payments reduced to Title IV Benefits as soon as possible after that date in order to lessen the amounts they will have to repay to PBGC. It is arguable that the plan administrator should make such computation before the later of the section 4041(a) date or the date of termination. However, the proposed regulation gives the plan administrator a 30-day period within which to effect the benefit reductions based on these calculations. The 30-day period begins with the section 4041(a) date which, normally, is 10 days after a Notice of Intent to Terminate is filed. Should the plan administrator propose a date of termination that is more than 30 days after the Notice of Intent to Terminate is filed, however, the benefit reductions must be effectuated on that proposed date. We note that extensions of time permitted under PBGC's regulation on Notice of Intent to Terminate, 20 CFR 2616 do not excuse or delay the requirement in this regulation to make the cutbacks within 30 days after the later of the section 4041(a) date or the date of termination.

The determination of benefit amounts in excess of the accrued benefit payable at normal retirement age and the "$750 maximum" is a much simpler process. Effecting these reductions at the section 4041(a) date is feasible and would sharply reduce the aggregate overpayments for a significant number of participants. PBGC determined, in this regard, that for purposes of the initial benefit reductions the plan administrator need not consider the alternative benefit limitation in section 4022(b)(3)(A) of the Act, *i.e.*, that the guaranteed benefit cannot be greater than a participant's average monthly gross income during the 5 consecutive calendar year period during which his or her income was highest. This is because the section 4022(b)(3)(B) limit—the "$750 maximum"—applies in most cases and the paragraph (A) calculation can be very time-consuming.

Further, in order to avoid substantial problems that could result if the plan administrator were to use plan assets to pay for the full amount of a participant's benefits in excess of guaranteed benefit levels, section 2623.5(e) precludes the plan administrator from paying *any* benefit in a lump sum or purchasing an annuity on or after the section 4041(a) date of termination without prior written consent of the PBGC.

Although the benefit reduction rules apply whether the benefit is being paid to the participant or to his or her beneficiary, it should be noted that these rules apply to a benefit payable "with respect to a participant". This means that the appropriate cutback in a participant's benefit must first be determined in order to effect a cutback

in the benefit payable to the participant's beneficiary.

It also should be noted that the various time limits in this regulation refer to the "section 4041(a) date of termination". This date is not necessarily the termination date for the plan established under section 4048 of the Act, although in most cases the two dates will be the same. The section 4041(a) date is always prospective, being defined as the later of the termination date proposed in a Notice of Intent to Terminate or the date 10 days after the notice is filed (§ 2623.2). The use of a prospective date in this regulation is necessary since the cutback in benefit levels requires prospective action.

Finally, § 2623.5(f) authorizes PBGC to establish earlier deadlines for effecting the benefit reductions required by § 2623.5(b)–(d), in order to avoid possible abuse of the insurance system, and reserves to PBGC the right to direct different estimating procedures in particularly difficult or complex cases. The authority to establish earlier deadlines might be exercised by PBGC, for example, when the termination date proposed in a Notice of Intent to Terminate is well after the date the notice is filed. Although that later date would be the section 4041(a) date, if there is at least 10 days between the filing of the notice and the section 4041(a) date, PBGC might want the plan administrator to implement the benefit reductions by an earlier date.

Estimated Guaranteed Benefits

Section 2623.6 of the regulation sets forth the rules by which the plan administrator must determine the estimated guaranteed benefit payable with respect to a participant. There are two different procedures, one for substantial owner participants, paragraph (c), and the other for all other participants, apragraph (d). This is necessary because of the different phase-in rules for each of those groups under section 4022 (b)(5) and (b)(7) of the Act.

It should be noted that, in all the formulae in this section, the benefit with which the computations begin is always the participant's benefit as limited by § 2623.5 (b) and (c). This is because both the regular and the phase-in rules are applied to a benefit after it has been limited in accordance with section 4022(b)(3) of the Act.

The guarantee for a substantial owner under section 4022(b)(5) of the Act is based on a 30-year phase-in, and there is a ceiling on the amount of benefit increases that can be guaranteed. Specifically, in a plan under which there has never been a benefit increase, the guaranteed benefit is the substantial owner's monthly benefit, as limited by section 4022(b)(3), multiplied by a fraction, the numerator of which is the number of full years the substantial owner was an active participant under the plan and the denominator of which is 30. In a plan under which there have been benefit increases, the guaranteed amount of each increase is computed in the same manner, as if each were the original plan benefit. However, the guaranteed amount of all the increases cannot exceed the guaranteed amount of the original plan benefit. Thus, a substantial owner's guaranteed benefit cannot exceed the original plan benefit multiplied by 2x/30, with "x" representing the number of full years the substantial owner was an active participant.

In order to facilitate early benefit reductions, the regulation provides a simplified method for approximating a substantial owner's guaranteed benefit. To this end, the regulation assumes that, if a substantial owner participated in the plan for less than 5 years, there is little likelihood that his or her guaranteed benefit was significantly increased by benefit increases under the plan during that period. Therefore, under § 2623.6(c)(1), in such a case, he estimated guaranteed benefit is the benefit to which the substantial owner was entitled on his or her benefit commencement date, as limited by § 2623.5 (b) and (c), multiplied by x/30, with "x" representing the substantial owner's full years of participation prior to the section 4041(a) date of termination. If there have been no benefit increase under the plan, this amount will equal the substantial owner's actual guaranteed benefit. If there has been an increase, this amount will be slightly greater than the actual guaranteed benefit. This is because the formula uses benefit entitlement on benefit commencement date rather than benefit entitlement under the plan when participation began.

This approach was adopted because the benefit entitlement on benefit commencement date is a figure already known by the plan administrator, whereas benefit entitlement under prior plan provisions might not readily be known.

When a substantial owner has participated for 5 years or more, it is more likely that benefit increases under the plan will have a significant impact on the amount of his or her guaranteed benefit. Therefore, under § 2623.6(c)(2), in such a case, the estimated guaranteed benefit is the lesser of the benefit that would be computed under paragraph (c)(1) and the benefit under the plan when the substantial owner first began participation, as limited by § 2623.5 (b) and (c), multiplied by 2x/30. The reason the regulation uses this two-pronged test is that, in the case of a relatively young plan or a plan with relatively small benefit increases, the computation under paragraph (c)(2)(ii), *i.e.*, twice the original phased-in benefit, could yield an amount much higher than the actual guaranteed benefit. Thus, if only this computation were used, the benefit reduction could be far too small, leaving a large amount to be repaid to PBGC.

The estimated guaranteed benefits for participants other than substantial owners are determined under paragraph (d) of § 2623.6. These rules, too, attempt to provide a simplified method for approximating the limitation on the guaranteed benefits. Since the phase-in rule under section 4022(b) (1) and (7) only applies to benefit increases in effect for less than 5 years at the date of termination, the regulation distinguishes between plans that have no benefit increases in effect for less than 5 years before the section 4041(a) date of termination and those plans that do have such benefit increases. In the latter instance, the regulation also distinguishes between benefit increases arising from plan amendments that advance a participant's or beneficiary's entitlement to a benefit, herein called "new benefits", and benefit increases arising from improvements in the plan's benefit formula.

Plans that had no benefit increases in the 5 years preceding the section 4041(a) date of termination are covered under § 2623.6(d)(1), which provides that the estimated guaranteed benefit is the benefit to which a participant is entitled on his or her benefit commencement date, as limited by § 2623.5 (b) and (c). Since no part of the participant's benefit is subject to phase-in, there is no need to adjust further his or her benefit in order to obtain the estimated guaranteed benefit. For plans that are subject to the guarantee phase-in, however, the determination of the estimated guaranteed benefit is done somewhat differently.

Both increased benefit amounts due to improved benefit formulas and those due to "new benefit" entitlements are subject to phase-in. For the purposes of this regulation, "new benefits" refers only to new plan provisions that advance a participant's or beneficiary's entitlement to a benefit, and not to provisions that provide alternative entitlements for participants who were already entitled to benefits under the former plan provisions. Thus, "new

benefits" include benefit entitlements such as liberalized participation requirements or vesting schedules, but not the introduction of a new joint and survivor benefit.

The creation of new benefits within the 5 years preceding plan termination will normally create a much greater benefit overpayment than will an increase in benefit amount due to an improved benefit formula. For this reason, the estimating procedure in § 2623.6(d)(2) focuses on the phase-in of new benefits and, for the sake of simplicity, ignores increases in benefit amount due to an improved benefit formula except for those occurring in the year preceding the section 4041(a) date of termination.

Under § 2623.6(d)(2), the estimated guaranteed benefit is the new benefit provided under the plan to which the participant is entitled on the benefit commencement date, as limited by § 2623.5 (b) and (c), multiplied by a percentage that varies according to the number of years prior to the section 4041(a) date of termination that the benefit was in effect. In addition, the determination of the applicable percentage depends on whether there was an increase in benefit amount by improvements in the benefit formula in the year immediately preceding the section 4041(a) date. The following table shows the percentage that are used:

Number of full years before section 4041(a) date that new benefit was in effect	Percentage when benefit amount under formula was not increased within 1 year prior to section 4041(a) date	Percentage when benefit amount under formula was increased within 1 year prior to section 4041(a) date
5	90	80
4	80	70
3	65	55
2	50	45
1	35	30

The percentages in the table were derived from data on terminated plans for which PBGC is paying guaranteed benefits. The data show that, in plants with no new benefits during the 5 years preceding termination and with no increase in benefit amount because of an improved benefit formula during the year preceding termination, on average, guranteed benefits equal 90% of vested benefits. The difference is attributable to the phase-in of benefit increases in the second through fifth years preceding termination. In plans that did have an increase in the benefit under the formula in the last year, that ratio drops to 80% because such benefit increases are not guaranteed at all.

The percentages in the table are decreased from 90% and 80%, respectively, to reflect the guarantee phase-in of new benefits within the 5 years preceding termination. Thus, for example, in a plan with a new benefit that was in effect for 3 years before termination and an increase in benefit under the formula during the last year before termination, on average, the guaranteed benefits of those participants entitled to the new benefit equal 55% of their vested benefits. In deriving these percentages, it was assumed that prior to the new benefit entitlement, these participants did have deferred vested benefits.

This procedure provides a relatively simple way for the plan administrator to estimate guaranteed benefit levels under the plan. Of course, since the percentages are based on averages, some participants will have guaranteed benefits that are higher than those obtained under this formula. When that occurs, and the participant is therefore cut back to less than his guaranteed benefit, the PBGC will reimburse the difference between the reduced benefits and the Title IV Benefits, with interest. (This is discussed in greater detail later in this preamble.)

Estimated Title IV Benefits

Because the estimating techniques in § 2623.6 deal only with guaranteed benefits, they will always produce estimated benefits that are too low in plans that have nonguaranteed benefits in priority category 3 to which assets are allocated. Priority category 3 benefits are certain benefits that were, or could have been, in pay status three full years prior to plan termination. Such benefits include a nonguaranteed portion when the benefits that a participant with a category 3 benefit is entitled to receive under the plan exceed the guarantee limits. In addition, in plans with substantial owner participants, if assets are allocable to priority category 4, the substantial owner's Title IV Benefits will be greater than his or her guaranteed benefits. Priority category 4(B) covers substantial owners' benefits that would be guaranteed were it not for the 30-year phase-in rule in section 4022(b)(5). In order to prevent a systematic underestimation of benefits in these plans with these characteristics, § 2623.7 contains methods for estimating Title IV Benefits.

Using this section to estimate Title IV Benefits does not obviate the need to make the guaranteed benefits calculation under § 2623.6. Rather, § 2623.7(a) provides that, when the plan administrator chooses to estimate benefits under § 2623.7, the estimated benefit payable with respect to a participant pursuant to § 2623.5(d) is the higher of the benefits determined for that participant under §§ 2623.6 and 2623.7. This is because, in any given plan, only some of the participants will be entitled to Title IV Benefits that exceed their guaranteed benefits.

To promote equity among plan participants, the regulation, § 2623.7(a), requires that, if the plan administrator chooses to estimate Title IV Benefits for any participants, he or she must do so for all participants who may have Title IV Benefits that exceed their guaranteed benefits. This means that the plan administrator would be required to estimate priority category 3 benefits, under paragraph (c) of § 2623.7, for all plan participants entitled to a category 3 benefit, and to estimate the category 4 benefit, under paragraph (d), for all substantial owner participants.

Both the priority category 3 estimate and the substantial owner category 4 estimate involve making approximations of the amount of benefits in those categories that can be funded by plan assets. In order to do this, the plan administrator will need a reasonably current actuarial report. Therefore, § 2623.7(b) of the regulation provides that § 2623.7 may be used only when an actuarial valuation of the plan has been done for a plan year beginning not more than 18 months prior to the section 4041(a) date of termination. Further, the interest rate used for valuing plan benefits in the actuarial valuation cannot exceed the PBGC interest rate for immediate annuities in effect on the section 4041(a) date. If the actuarial valuation used a higher interest rate, the plan actuary may covert the valuation to the PBGC interest rate in order to meet these requirements.

The reason for this interest rate requirement is that allowing a plan administrator to compute estimated benefits on the basis of a valuation that uses an interest rate higher than PBGC's would frustrate the purpose of the benefit reduction provisions of this regulation. The higher the interest rate used for valuing benefits, the lower the present value of those benefits. This results in plan assets being allocable to more or higher benefits on the assumption that funds are sufficient to provide those benefits. However, when the Title IV Benefits are determined, as they are in terminated trusteed plans, using PBGC's lower interest rates, the higher present value of the benefits could exhaust the assets and necessitate further benefit reductions and additional benefit requirement.

In addition to having to meet these general requirements, the plan administrator may use § 2623.7(c) to estimate priority category 3 benefits

only when certain other conditions exist. First, this provision may be used only when there are plan participants whose benefits under the plan exceed the limitations described in § 2623.5 (b) and (c). If no participants have benefits that exceed those limitations, the estimated Title IV Benefits will never exceed the estimated benefit under § 2623.6 and no useful purpose would be served by estimating benefits under this provision. Second, the plan must have been in effect for at least 5 full years prior to the section 4041(a) date of termination. This is because benefits can only be category 3 benefits if the plan was in effect for at least 5 years prior to plan termination. See § 2618.13(b)(3) of this chapter. These first two conditions assure that the plan does, in fact, have category 3 benefits, some of which are nonguaranteed.

As a final condition, the plan administrator may use § 2623.7(c) to estimate category 3 benefits only when the actuarial valuation of the plan described in § 2623.7(b) shows that the value of plan assets, less all employee contributions with interest credited under the plan, exceeds the present value of all benefits in pay status. This last test is used to determine whether the plan has sufficient assets to fund nonguaranteed benefits in category 3. The test predicts asset availability on the basis of whether plan assets are sufficient to fund all benefits in pay status.

Most category 3 benefits will already be in pay status. For those that are not, it is assumed that, if the plan is able to pay all benefits in pay status, which includes category 4 and category 5 benefits, then the assets currently being used for categories 4 and 5 benefits will be available to fund category 3 benefits not yet in pay status. Obviously, this method does not provide an exact measure of funded category 3 benefits. However, the plan administrator may well be unable to reduce plan benefits within the time limits specified in this regulation if he or she first had to do a complete section 4044 allocation. Thus some precision has been sacrificed in order to provide an estimating technique that is simpler and quicker to apply.

For the purpose of this regulation, the determination of the priority category 3 benefit has been simplified. Category 3 benefits are those benefits that were, or could have been, in pay status three full years prior to the section 4041(a) date of termination. Pursuant to § 2623.7(c)(1), the category 3 benefit with respect to each participant is the benefit that would have been payable with respect to that participant under the terms of the plan in effect on the earlier of the participant's (or beneficiary's) benefit commencement date or the date five full years prior to the section 4041(a) date. As noted earlier, when the plan administrator chooses to use this provision, he or she must make this determination for each plan participant, including a substantial owner, who has a category 3 benefit. The estimated benefit payable with respect to the participant is the higher of the benefit determined under this provision and the guaranteed benefit determined under § 2623.6.

Section 2623.7(d) sets forth the procedure for estimating a substantial owner's priority category 4 benefit. As explained earlier, this procedure may be used only when the plan has the actuarial valuation described in § 2623.7(b) and only if the plan administrator determines the priority category 3 benefits for all participants having a category 3 benefit. The estimated benefit payable with respect to a substantial owner is the highest benefit calculated for him or her under § 2623.6(c), § 2623.7(c), and this paragraph (d).

The first step in this procedure is to calculate the estimated guaranteed benefit, using the appropriate method in § 2623.6(d), that would be payable to the substantial owner if he or she were not a substantial owner. This amount is then multiplied by "the priority category 4 funding ratio" in order to estimate the portion of the benefit that can be funded by plan assets. The result is the estimated priority category 4 benefit.

The priority category 4 funding ratio attempts to estimate, on the basis of the information contained in the actuarial valuation, the amount of plan assets available for allocation to priority category 4. Thus, the category 4 funding ratio, set forth in § 2623.7(d)(2), approximates a ratio of the assets available to pay category 4 benefits to the total benefits in category 4.

Under § 2623.7(d)(2)(i), the funding ratio for a plan that has benefits in category 3 is the following fraction: the numerator is the value of plan assets less voluntary and mandatory employee contributions with interest credited under the plan, and less the present value of benefits in pay status; the denominator is the present value of all deferred vested benefits less voluntary and mandatory employee contributions with interest. In a plan with no priority category 3 benefits, under § 2623.7(d)(2)(ii), the funding ratio is the same, except that there is no deduction in the numerator for the value of benefits in pay status.

The numerator of the funding ratio approximates the value of assets available for category 4 benefits by subtracting from total assets all employee contributions with interest credited under the plan, *i.e.*, category 1 and category 2 benefits, and, in the first formula, the present value of benefits in pay status. As was explained in the discussion of the estimated priority category 3 benefit, the present value of benefits in pay status is used to approximate the value of category 3 benefits. The denominator of the fraction uses the present value of all deferred vested benefits, less employee contributions with interest, to approximate the value of category 4 benefits.

The value of deferred vested benefits used in the denominator will generally be somewhat greater than the actual value of category 4 benefits, since the former will often include category 5 benefits. On average, the value of category 4 benefits will equal 80% to 90% of the deferred vested benefits. However, there is no more precise way, using information readily available to plan administrators, to estimate the value of category 4 benefits. The effect of using this larger number in the denominator of the funding ratio will be to underestimate somewhat the value of the substantial owner's priority category 4 benefit.

Notices of Benefit Reductions

In order to alert plan participants to the possibility of benefit reductions pursuant to this regulation, § 2623.8(a) requires the plan administrator to include a statement about possible reductions in the notice to plan participants of the plan termination, required under § 2616.4 of PBGC's Notice of Intent to Terminate regulation. In addition, within 30 days after the plan administrator begins paying the estimated guaranteed or Title IV Benefits, he or she shall notify PBGC of the benefit reductions. The contents of that notice are set forth in § 2623.8(b).

Subpart C—PBGC Recoupment and Reimbursement of Benefit Overpayments and Underpayments

The early reduction of benefits by plan administrators to estimated guaranteed or Title IV Benefits will reduce, but may not eliminate, benefit overpayments to participants. Overpayments still may result because the estimated benefits exceed the actual Title IV Benefits. Benefit overpayments and underpayments also may occur when the plan participant data is inaccurate or when computations, either

by the plan administrator or by PBGC, are incorrect. To the extent any overpayments are not recouped by PBGC, they constitute a loss borne by the insurance system and may result in increased premiums. Accordingly, PBGC will recoup all overpayments made on or after the section 4041(a) date of termination, or the section 4048 date if later, to participants or beneficiaries who are entitled to annuity payments after the date on which the benefit is adjusted to the Title IV Benefits level. This regulation relates only to recoupment, and not to pursuit of all other PBGC claims for overpayments made to persons who are no longer receiving benefits or entitled to receive them under Title IV, including overpayments made prior to termination. Such cases will be handled on a case-by-case basis.

PBGC will not recoup overpayments made after a retroactive termination date but before the section 4041(a) date. In the context of the statutory scheme, PBGC cannot attribute to Congress an intent that PBGC should seek to recoup benefits paid between a retroactive termination date and the section 4041(a) date of termination. This, § 2623.11(a) provides that only benefit overpayments after the section 4041(a) date, or the section 4048 date if later, will be subject to recoupment by PBGC.

In order to determine whether there has been a benefit overpayment, a comparison is made between (1) The total benefits paid between the later of the section 4041(a) or section 4048 date and the date PBGC makes the determination of the amount of overpayment and (2) the total Title IV Benefits entitlement during that time. Thus, if a participant was underpaid during part of that time and overpaid for the remainder of the period, the underpayments and overpayments, with interest, would be netted-out in order to determine if there is an amount to be repaid to PBGC. (If the participant was underpaid in the aggregate, PBGC will reimburse the participant. This is discussed later in this preamble.)

For example, the initial benefit reductions pursuant to § 2623.5 (b) and (c) might result in an underpayment to a participant with a nonguaranteed priority category 3 benefit. If the plan administrator then makes the estimate of Title IV Benefits, he or she will increase the benefit payment to that participant. If the estimated Title IV Benefits amount is higher than the actual Title IV Benefits of that participant, the original underpayment will be subtracted from the overpayment in order to determine the amount, if any, to be recovered by PBGC.

As in the benefit reduction rules, the benefits under consideration are those payable "with respect to a participant". Thus, the rules for PBGC recoupment of benefit overpayments and reimbursement of benefit underpayments apply whether the benefit is being paid to the participant or to his or her beneficiaries.

Methods of Benefit Recoupment

As was noted earlier, in the past PBGC recouped benefit overpayments by reducing future benefit payments by 10 percent until the total overpayment was recouped. PBGC is now proposing to recoup overpayments by actuarial reductions in benefit payments.

Under the proposed method, recoupment of overpayments will be effected by reducing all future benefit payments by a uniform percentage that will repay the overpayment over the expected term of the remaining benefit payments. The amount of the percentage reduction will be determined by computing the ratio of the net overpayments to be recouped to the total value of the participant's benefit. Under the recoupment formula, which is set forth in § 2632.12(a)(1), the percentage reduction is computed by dividing the total overpayment subject to recoupment by the present value of the Title IV Benefits and multiplying by 100 percent. The present value will be computed as of the date of plan termination, using the appropriate PBGC rates and factors in effect on that date, to avoid the need for the time-consuming and costly revaluing of the plan benefits that have already been valued as of the termination date.

Because recoupment under the proposed method is spread over the entire term of the benefit payments to the participant or beneficiary, the monthly reduction in benefits will generally be less than under the current system of making a flat 10 percent reduction. Thus, the burden of recoupment will be reduced for most participants.

This method, also, is administratively simpler for PBGC to administer, and, thus, less costly to the insurance system. This is because PBGC would not have to adjust a benefit more than one. Under the present system a benefit is adjusted to reflect a 10% reduction and then readjusted when the overpayment is paid in full.

Although it is expected that in most cases this actuarial recoupment method will result in benefit reductions of less than 10 percent, it is possible that under certain circumstances greater reductions would be required in order to effectuate total recoupment. PBGC, however, believes that recoupment should be limited to the greater of 10 percent of the Title IV Benefits or the amount in excess of the maximum guaranteeable amount under section 4022(b)(3)(B). Section 2623.12(a)(2) so provides. Example of how this limitation operates are as follows: For calendar year 1983, the maximum guaranteeable amount under section 4022(b)(3)(B) is $1,517.05 per month. If a participant's Title IV Benefits are $300 per month, and the actuarial, reduction were $35 per month, the 10 percent limitation under § 2623.12(a)(2) would operate to limit the reduction to $30 per month because the participant's Title IV Benefits do not exceed the Section 4022(b)(3)(B) amount. On the other hand, if a participant's Title IV Benefits are $1,700 per month, and the actuarial reduction were $200 per month, the limitations under § 2623.12(a)(2) would operate to limit the reduction to $182.95 per month. This is because the difference between the maximum guaranteeable benefit and the Title IV Benefits ($182.95) is greater than 10 percent of the Title IV Benefits ($170.00).

All overpayments covered under this part will be recouped in the manner discussed above, unless the participant or beneficiary elects to repay in a lump sum as provided in § 2623.12(a) (3) and (b). The election must be made in writing to PBGC, within the time period specified in PBGC's notification to the participant or beneficiary of the amount of the overpayment and the amount of the benefit reduction under § 2623.12(a). The amount of any lump sum repayment will be computed with full regard to the reduction limitation in § 2623.12(a)(2).

Reimbursement by PBGC of Benefit Underpayments

Section 2623.13 sets forth the rules for PBGC reimbursement of benefit underpayments. The initial benefit reductions required under § 2623.12 (a) and (c) will, in some cases, reduce a participant's benefit below the level to which he or she is entitled under Title IV. Underpayments also could result from incorrect computations or inaccurate plan data. In either event, the amount of any benefit underpayments after the section 4041(a) date of termination will be offset against any overpayments, in order to determine the net amount to be recouped or reimbursed. When the total underpayments exceed any overpayments, PBGC will reimburse the participant or beneficiary for the

underpayment in a lump sum, with interest.

Comments Invited

Interested persons are invited to submit written comments on this proposed regulation. Comments should be addressed to : General Counsel, Legal Department, Pension Benefit Guaranty Corporation, Code 210, 2020 K Street, NW., Washington, D.C. 20006. Written comments will be available for public inspection at the above address, Suite 7100, between the hours of 9:00 a.m. and 4:00 p.m. Each person submitting comments should include his or her name and address, identify this proposed regulation, and give reasons for any recommendation. This proposal may be changed in light of the comments received.

Classification: E.O. 12291 and Regulatory Flexibility Act

The PBGC has determined that this is not a "major rule" under the criteria set forth in Executive Order 12291, February 17, 1981 (46 FR 13193), because it will not result in an annual effect on the economy of $100 million or more, a major increase in costs for consumers or individual industries, or significant adverse effects on competition, employment, investment, productivity, innovation, or competition.

In addition, PBGC certifies pursuant to section 605 of the Regulatory Flexibility Act, that this regulation will not have a significant economic impact on a substantial number of small entities. This regulation applies only to terminating plans that have insufficient assets to pay for guaranteed benefits. Over 98% of the plans that terminate while covered by PBGC insurance are sufficient plans. Plans with fewer than 100 participants are generally considered to be "small plans." Of the 1.7% of terminating plans that are insufficient, approximately half are small plans. Thus, no more than 1% of the expected 6500 plans terminating yearly are small plans. Accordingly, compliance with sections 603 and 604 of the Regulatory Flexibility Act is waived.

OMB Clearance of Information Collection

The collection of information requirements contained in this proposed regulation have been approved by the Office of Management and Budget under the Paperwork Reduction Act of 1980 (44 U.S.C. Chapter 35) for use through August 31, 1986, OMB control number 1212-0029. Comments concerning the proposed collection of information shall be directed to the Office of Information and Regulatory Affairs of OMB, Attention: Desk Officer for Pension Benefit Guaranty Corporation.

Subjects Covered

List of Subjects in 29 CFR, Part 2623

Employee benefit plans, Pension insurance, Pensions, and Reporting and recordkeeping requirements.

In consideration of the foregoing, it is proposed to amend Subchapter C of Chapter XXVI, Title 29, Code of Federal Regulations, to add a new Part 2623 at the end thereof, reading as follows:

PART 2623—BENEFIT REDUCTIONS IN TERMINATED SINGLE-EMPLOYER PENSION PLANS AND RECOUPMENT OF BENEFIT OVERPAYMENTS

Subpart A—General

Subpart B—Benefit Reductions by Plan Administrator

Subpart C—PBGC Recoupment and Reimbursement of Benefit Overpayments and Underpayments

Authority: Secs. 4002(b)(3), 4022, 4022B, 4044, Pub. L. 93-406, as amended by secs. 403(1), 403(c), 102, 402(a)(7), respectively, Pub. L. 96-364, 94 Stat. 1208, 1302, 1301, 1210, 1299 (29 U.S.C. 1302(b)(3), 1322, 1322b, 1344).

Subpart A—General

§ 2623.1 Purpose and scope.

(a) *Purpose.* The purpose of this part is to prescribe rules that will minimize the overpayment of benefits after plan termination by plans that will ultimately be trusteed by the Pension Benefit Guaranty Corporation and to provide for the recoupment of benefit overpayments after plan termination by the PBGC from participants and beneficiaries entitled to an annuity. Subpart B of this part sets forth the rules pursuant to which plan administrators of terminated, insufficient single-employer plans shall reduce plan benefits paid after the section 4041(a) date of termination. Subpart C sets forth the method of recoupment by PBGC of benefit payments in excess of the amounts permitted under sections 4022, 4022B, and 4044 of the Employee Retirement Income Security Act of 1974, as amended, and also provides for PBGC reimbursement to plan participants and beneficiaries of benefit underpayments.

(b) *Scope.* This part applies to terminated "insufficient" single-employer pension plans covered under section 4021 of the Act. In addition, Subparts A and C apply to other terminated single-employer plans covered under section 4021 of the Act that are trusteed under section 4042 of the Act. Subpart B applies to those insufficient plans for which a Notice of Intent to Terminate is required to be filed on or after the effective date of this part. Subpart C applies to all insufficient plans and all other plans that are trusteed by the PBGC.

§ 2623.2 Definitions.

The words and phrases below shall have the following meaning unless otherwise required by the context:

"Act" means the Employee retirement Income Security Act of 1974, 29 U.S.C. § 1001 *et seq., as amended by* Pub. L. 96-364, 94 Stat. 1208.

"Insufficient plan" means—

(a) A plan that is identified by the plan administrator in a Notice of Intent to terminate as not having sufficient assets to pay all guaranteed benefits; or

(b) A plan that is identified by PBGC, as not having sufficient assets to pay all guaranteed benefits.

"Notice of Intent to Terminate" means the notice filed with PBGC in accordance with section 4041(a) of the Act and Part 2616 of this chapter.

"PBGC" means the Pension Benefit Guaranty Corporation.

"Section 4041(a) date of termination" means (a) the date of termination proposed in a Notice of Intent to Terminate or (b) the tenth day following the date the Notice of Intent to Terminate is filed, whichever is later.

"Section 4048 date of plan termination" means the date of termination established under section 4048 of the Act.

"Substantial owner" means a person described in section 4022(b)(5)(A) of the Act.

"Title IV Benefits" means that portion of the benefit of a participant or a beneficiary under a terminated pension plan that is guaranteed under sections 4022 and 4022B of the Act plus the nonguaranteed portion in priority categories 2 through 4, if any, to which assets are allocated pursuant to section 4044 of the Act.

Subpart B—Benefit Reductions by Plan Administrator

§ 2623.5 Limitations on benefits payable by plan administrator.

(a) *General.* After a plan administrator submits a Notice of Intent to Terminate a plan, and if the conditions described in paragraph (a)(1), (a)(2), or (a)(3), exist, the plan administrator shall limit the payment of benefits in accordance with this section. In applying the time limits set forth in paragraphs (b) and (c) of this section when the condition described in paragraph (a)(2) or (a)(3) exists, the phrase "the 30th day following receipt of the PBGC notice" shall be substituted for the phrase "the section 4041(a) date of termination".

(1) The plan administrator identifies a plan as insufficient by indicating in the Notice of Intent to Terminate that plan assets are not sufficient to pay all guaranteed benefits and that the employer who maintained the plan has not made an irrevocable commitment to make the plan sufficient.

(2) The plan administrator indicates in the Notice of Intent to Terminate that plan assets are adequate to pay all guaranteed benefits without an employer's commitment to make the plan sufficient, and PBGC later determines and notifies the plan administrator that plan assets are not sufficient to pay guaranteed benefits.

(3) The plan administrator indicates in the Notice of Intent to Terminate that the employer has made an irrevocable commitment to make the plan sufficient, and the PBGC determines and notifies the plan administrator that it appears that the employer will not be able to satisfy its commitment and therefore the plan assets are not sufficient to pay all guaranteed benefits.

(b) *Accrued benefit at normal retirement.* Except to the extent permitted by paragraph (d) of this section, beginning on the section 4041(a) date of termination, a plan administrator may not pay that portion of a monthly benefit payable with respect to any participant that exceeds the participant's accrued benefit payable at normal retirement age under the plan.

(c) *Maximum guaranteeable benefit.* Except to the extent permitted by paragraph (d) of this section, beginning on the section 4041(a) date of termination, a plan administrator may not pay that portion of a monthly benefit payable with respect to any participant that exceeds the maximum guaranteeable benefit under section 4022(b)(3)(B)(of the Act and § 2621.3(a)(2) of this chapter, adjusted for age and benefit form.

(d) *Estimated benefit.* Beginning on the 30th day after the section 4041(a) date, or on the section 4041(a) date if the Notice of Intent to Terminate proposes a date of termination that is more than 30 days after the Notice of Intent to Terminate was filed, a plan administrator shall pay the monthly benefit payable with respect to any participant as determined under § 2623.6 or, at the option of the plan adminstrator, as determined under § 2623.7.

(e) *Lump sums and annuity purchases.* Beginning on the section 4041(a) date of termination, a plan administrator may not pay any benefit in a lump sum (including a death benefit or a refund of employee contributions), nor purchase an annuity, without the prior written consent of the PBGC.

(f) *PBGC authority to modify deadlines.* PBGC may, in any case, upon written notice to the plan administrator, establish different deadlines or procedures with respect to the benefit reductions required by paragraphs (b)–(d) of this section and the payment restrictions contained in paragraph (e), or in the case of particularly difficult or complex cases, in order to avoid abuse of the termination insurance system.

(g) *Examples.* This section is illustrated by the following examples:

Example 1

Facts. A plan administrator filed on November 10, 1983 a Notice of Intent to Terminate. The plan pays benefits on the 1st day of each month.

A participant who is in pay status on December 1, 1983 has previously been receiving his accrued benefit of $2,000 per month under the plan. The benefit is in the form of a joint and survivor annuity that upon the participant's death will pay 50% of the benefit amount ($1,000 per month) to the surviving spouse. If the spouse dies first, the participant's benefit will not be reduced. On December 1, 1983 the participant is age 66 and his wife is age 56.

Benefit reductions required commencing on the section 4041(a) date of termination. The plan administrator is required under § 2623.5 to make two benefit reductions commencing on the section 4041(a) date of determination. In this example, the reductions must be made commencing December 1, 1983, the date of termination proposed in the Notice of Intent to Terminate, because this date is more than 10 days after the date the Notice was filed.

Section 2623.5(b) requires the plan administrator to cease paying benefits in excess of the accrued benefit payable at normal retirement age. Since the participant is receiving only his accrued benefit, no reduction is required under subsection (b).

Section 2623.5(c) requires the plan administrator to cease paying benefits in excess of the maximum guaranteeable benefit, adjusted for age and benefit form in accordance with provisions of Part 2621 of this chapter. The maximum guaranteeable benefit for plans terminating in 1983 is $1,517.05 per month, payable in the form of a single life annuity at age 65. Since the participant is older than age 65, no adjustment is required under § 2621.4(c) because of the annuitant's age factor. The benefit form is a joint and survivor annuity (contingent basis) as defined in § 2621.2. The required benefit reduction for this benefit form under § 2621.4(d) is 10 percent; the corresponding adjustment factor is .90 (or 1.00 − .10). The benefit reduction factor to adjust for the age difference between the participant and beneficiary is computed under § 2621.4(e). In computing the difference in ages, years over 65 years of age are not counted. Therefore, the age difference is 9 years (or 65 years minus 56 years). The required percentage reduction where a beneficiary is 9 years younger than the participant is 9 percent (or 1 percent times 9); the corresponding adjustment factor is .91 (or 1.00 − .09).

The maximum guaranteeable benefit adjusted for age and benefit form is $1,242.46 per month (or $1,517.05 per month times .90 times .91).

The participant's benefit must therefore be reduced from $2,000 per month to $1,242.46. If the participant dies after the section 4041(a) date of termination, the spouse would receive $621.23 per month (or 50 percent of $1,242.46).

Example 2

Facts. The facts are the same as in Example 1, except that the Notice of Intent to Terminate was filed on October 28, 1983, which is more than 30 days in advance of December 1, 1983, the proposed date of plan termination.

The participant's estimated guaranteed benefit is $1,400 per month and his estimated Title IV Benefit are $1,550 per month.

Benefit reductions required commencing on the section 4041(a) date of termination. Section 2623.5(d) requires a plan administrator, who proposes a date of termination that is more than 30 days after the date the Notice of Intent to Terminate is filed, to begin paying a participant or beneficiary his or her estimated guaranteed benefit or Title IV Benefits on the section 4041(a) date of termination. In this example the plan administrator would begin paying the participant $1,400 per month, the estimated guaranteed benefit, or $1,550 per month, estimated Title IV Benefits, beginning on December 1, 1983.

Example 3

Facts. A participant's benefit under a plan is a single life annuity of $800 per month until age 62 at which time it is decreased to $400 per month. The participant's accrued benefit under the plan is $450 per month based on 30 years of service and an accrual rate of $15 per month per year of service. On the section 4041(a) date of termination, November 30, 1983, the participant is 61 years old.

The maximum guaranteeable benefit adjusted for age (a form adjustment is not required) is $1,092.28 per month.

Benefit reductions required commencing on the section 4041(a) date of termination. Since the plan benefit of $800 per month payable until age 62 and $400 per month thereafter is

less than the adjusted maximum guaranteeable benefit of $1,092.28 per month, no reduction in the plan benefit is required under § 2623.5(b).

Under § 2623.5(c), the $800 per month benefit would have to be reduced to $450, the participant's accrued benefit.

Benefits reductions required commencing 30 days after the Section 4041(a) date of termination and permitted commencing on the section 4041(a) date of termination. Assume that the estimated benefit under § 2623.5(d) is $600 per month until age 62 and $400 per month thereafter. The plan administrator would increase the participant's benefit from $450 per month, the level payable under § 2623.5(c), to $600 per month beginning 30 days after section 4041(a) date of termination. The plan administrator would reduce the benefit to $400 per month at age 62.

If the plan administrator knows prior to the section 4041(a) date of termination that the estimated benefit for that date is $600 per month, the plan administrator is permitted to pay the participant $600 per month rather than $450 per month beginning on that date and would continue to pay the participant $600 per month until age 62 at which time the monthly benefit would be reduced to $400 per month.

§ 2623.6 Estimated guaranteed benefit.

(a) *General.* The plan administrator shall determine the estimated benefit payable under § 2623.5(d) by computing the estimated guaranteed benefit payable with respect to a substantial owner under paragraph (c) of this section and the estimated guaranteed benefit payable with respect to any other participant under paragraph (d) of this section. The plan administrator may choose to use the optional estimating method contained in § 2623.7, in which event the estimated benefit payable under § 2623.5(d) with respect to each plan participant is the higher of the benefits determined under this section and § 2623.7. The plan administrator shall determine benefits payable to a beneficiary by applying plan provisions to the participants' estimated guaranteed benefit determined under this section or the optional estimating method in § 2623.7.

(b) *Rules for determining benefits.* For the purpose of determining entitlement to a benefit and the amount of a benefit under this section, the following rules apply:

(1) *Participants in pay status on the section 4041(a) date of termination.* For benefits payable with respect to a participant who was in pay status on or before the section 4041(a) date of termination, the plan administrator shall use the participant's age, service, and compensation as of the benefit commencement date.

(2) *Participants who go into pay status after the section 4041(a) date of termination.* For benefits payable with respect to a participant who goes into pay status after the section 4041(a) date of termination, the plan administrator shall use the participant's age as of the benefit commencement date and his or her service and compensation as of the section 4041(a) date of termination.

(c) *Benefits payable with respect to a substantial owner.* The plan administrator shall determine the benefit payable under this paragraph with respect to a substantial owner who commenced participation under the plan less than five full years before the section 4041(a) date of termination pursuant to paragraph (c)(1). The benefit payable with respect to all other substantial owners shall be determined pursuant to paragraph (c)(2).

(1) *Less than five years participation.* The estimated guaranteed benefit under this paragraph is the benefit to which the substantial owner is entitled on his or her benefit commencement date, as limited by § 2623.5 (b) and (c), multiplied by a fraction, not to exceed one, the numerator of which is the number of full years prior to the section 4041(a) date of termination that the substantial owner was an active participant under the plan and the denominator of which is 30.

(2) *Five or more years participation.* The estimated guaranteed benefit under this paragraph is the lesser of—

(i) The estimated guaranteed benefit calculated under paragraph (c)(1) of this section; or

(ii) The benefit to which the substantial owner would have been entitled on his or her benefit commencement date under the terms of the plan in effect when he or she first began participation, as limited by § 2623.5 (b) and (c), multiplied by a fraction, not to exceed one, the numerator of which is 2 times the number of full years of his or her active participation under the plan prior to the section 4041(a) date of termination and the denominator of which is 30.

(d) *Benefits payable with respect to all other participants.* In the case of a plan that has no "new benefits" or other benefit increases because of improvements in the plan's benefit formula that have been in effect for less than five full years as of the section 4041(a) date of termination, the plan administrator shall determine the estimated guaranteed benefit pursuant to paragraph (d)(1). For all other plans, the plan administrator shall determine the estimated guaranteed benefit pursuant to paragraph (d)(2). For the purposes of this paragraph, "new benefits" are benefits created by amendments to plan provisions that advance a participant's or beneficiary's entitlement to a benefit, and that have been in effect less than five full years prior to the section 4041(a) date of termination. These include liberalized participation requirements and vesting schedules, creation of a new disability benefit, and reductions in the age at which a participant can begin to receive his or her unreduced benefit. New benefits do not include changes in annuity form, such as a change from a single-life annuity to a joint and survivor annuity, or an improved benefit formula.

(1) *Plans with no new benefits or benefit increases due to improved benefit formula.* The estimated guaranteed benefit under this paragraph is the benefit to which the participant is entitled on his or her benefit commencement date, as limited by § 2623.5 (b) and (c).

(2) *Plans with new benefits or benefit increases due to improved benefit formula.* The estimated guaranteed benefit under this paragraph is a percentage of the benefit to which the participant is entitled on his or her benefit commencement date, as limited by § 2623.5 (b) and (c). The applicable percentage is dependent upon two variables: the number of full years prior to the section 4041(a) date of termination that the plan provided for a new benefit and whether there was an increase in benefit amount by amendment to the benefit formula during the year prior to the section 4041(a) date. The following table lists these percentages; the middle column is applicable when there was no increased benefit under the plan's benefit formula during the year prior to the section 4041(a) date, and the right hand column is applicable when there was an increased benefit under the plan's benefit formula during that year.

Number of full years before section 4041(a) date that new benefit was in effect	Percentage when benefit amount under formula was not increased within 1 year prior to section 4041(a) date	Percentage when benefit amount under formula was increased within 1 year prior to section 4041(a) date
5	90	80
4	80	70
3	65	55
2	50	45
1	35	30

(e) *Examples.* This section is illustrated by the following examples:

Example 1

Facts. A participant who is not a substantial owner retired December 20, 1979 at age 65 with 20 years of credited service and began receiving his accrued benefit of $3,000 per month payable as a single life annuity. The section 4041(a) date of termination is November 30, 1983.

The plan was amended 3½ years prior to the section 4041(a) date of termination. That amendment increased the percentage of the participant's compensation that is used to compute the amount of the participant's benefit. As a result the participant's benefit increased from $1,800 per month to $3,000 per month. There were no other amendments affecting the participant's benefit in the 5 years preceding the section 4041(a) date of termination.

Estimated Guaranteed Benefit. The participant's estimated guaranteed benefit is determined under § 2623.6(d)(2) since the amount of the participant's benefit was increased by a plan amendment in the 5 years prior to the section 4041(a) date of termination. Because the amount of the participant's benefit was not increased within one year prior to the section 4041(a) date, the center column of the percentage table is used to compute the estimated guaranteed benefit. The estimated guaranteed benefit is 90 percent of the participant's benefit limited by the maximum guaranteeable benefit: 90%×$1,517.05 per month=$1,365.35 per month. Since the participant is older than age 65 and is receiving a single life annuity, the maximum guaranteeable benefit is not adjusted for age or benefit form.

Example 2

Facts. A participant who is a substantial owner retired prior to the section 4041(a) date of termination after 5½ years of active participation in the plan. The participant's benefit under the terms of the plan when he first began active participation was $120 per month. The benefit to which he is entitled on his benefit commencement date is $300 per month.

Estimated Guaranteed Benefit. Section 2623.6(c)(2) is used to compute the estimated guaranteed benefit of substantial owners with 5 or more years of active participation prior to the section 4041(a) date of termination. The estimated guaranteed benefit for the participant in this example is the lesser of:

(1) The benefit which he was entitled to on his benefit commencement date, multiplied by a fraction, the numerator of which is the number of years prior to the section 4041(a) date of termination that he was an active participant, and the denominator of which is 30 ($300×5/30=$50); or

(2) The benefit which he would have been entitled to on his benefit commencement date under the terms of the plan when he first began participation, multiplied by two times his number of years of active participation, divided by 30 ($120 per month×2×5/30=$40 per month).

Thus the participant's estimated guaranteed benefit is $40 per month.

§ 2623.7 Estimated Title IV Benefits.

(a) *General.* Subject to the conditions set forth in paragraph (b) of this section, the plan administrator may choose to use this section to determine the estimated benefit payable under § 2623.5(d). When benefits are determined under this section, the estimated benefit payable under § 2623.5(d) with respect to each plan participant is the higher of the benefits determined under this section and § 2623.6. If the plan administrator chooses to determine the estimated benefit under this section, he or she must use this method for all plant participants. Specifically, the calculation under paragraph (c) of this section must be done for all priority category 3 benefits; the calculations under paragraph (d) must be done for all benefits payable with respect to substantial owners.

(b) *Conditions for use of this section.* The plan administrator may use this section to determine the estimated benefit payable under § 2623.5(b) only when the following conditions exist:

(1) An actuarial valuation of the plan has been done for a plan year beginning not more than 18 months prior to the section 4041(a) date of termination.

(2) Under the valuation described in paragraph (b)(1), the interest rate used to value plan liabilities did not exceed PBGC's rate for immediate annuities in effect on the section 4041(a) date of termination. If a higher interest rate was used, the plan actuary may convert the valuation to the PBGC interest rate in order to satisfy the requirement of this paragraph.

(c) *Estimated priority category 3 benefits.* For the purpose of this section, priority category 3 benefits are benefits that were, or could have been, in pay status three full years prior to the section 4041(a) date of termination. The plan administrator may use this paragraph to estimate the value of Title IV Benefits only when the conditions set forth in paragraph (c)(2) are satisfied.

(1) *Determination of priority category 3 benefit.* With respect to each participant with a priority category 3 benefit, the estimated priority category 3 benefit is the benefit that would have been payable with respect to the participant under the terms of the plan in effect on the earlier of the participant's or beneficiary's benefit commencement date or the date five full years prior to the section 4041(a) date of termination.

(2) *Conditions for use of this paragraph.* The estimated Title IV Benefits determined under paragraph (c)(1) will exceed the estimated guaranteed benefits determined under § 2623.6 only in plans where benefits exceed the limitations contained in § 2623.5 (b) and (c). In addition, the plan administrator may estimate benefits under paragraph (c)(1) only if—

(i) The plan has been in effect for at least five full years prior to the section 4041(a) date of termination; and

(ii) Based on the actuarial valuation described in paragraph (b), the value of plan assets less voluntary and mandatory employee contributions with interest credited under the plan exceeds the present value of all benefits in pay status.

(d) *Estimated substantial owner priority category 4 benefit.* For benefits payable with respect to substantial owners, the estimated Title IV Benefits amount is the higher of the benefits computed under paragraph (c) of this section and this paragraph.

(1) The plan administrator shall first calculate the estimated guaranteed benefit payable with respect to the substantial owner as if he or she were not a substantial owner, using the method set forth in § 2623.6(b).

(2) The benefit computed under paragraph (d)(1) shall be multiplied by the priority category 4 funding ratio. The category 4 funding ratio is the ratio of x to y (not less than 1), where—

(i) In a plan with priority category 3 benefits, x equals plan assets less voluntary and mandatory employee contributions with interest credited under the plan, minus the present value of benefits in pay status, and y equals the present value of all non-pay status vested benefits less voluntary and mandatory employee contributions with interest credited under the plan; or

(ii) In a plan with no priority category 3 benefits, x equals plan assets less voluntary and mandatory employee contributions with interest credited under the plan, and y equals the present value of all non-pay status vested benefits and benefits in pay status less voluntary and mandatory employee contributions with interest credited under the plan.

(e) *Examples.* This section is illustrated by the following examples:

Example 1

Facts. A participant who is not a substantial owner retired two years before the section 4041(a) date of termination with a benefit of $3,000 per month payable as a single life annuity. The participant's benefit under the terms of the plan in effect 5 years prior to the section 4041(a) date of termination based on age and service on the benefit commencement date in $1,800 per month. The participant's estimated guaranteed benefit is $1,365.35 per month.

The plan meets the conditions contained in § 2623.7(b) for estimating Title IV Benefits, as follows: An actuarial valuation of the plan has been done for a plan year beginning not more than 18 months prior to the section 4041(a) date of termination and the interest rate used in that valuation was equal to or less than the PBGC interest rate in effect on the section 4041(a) date of termination for valuing immediate annuities.

In addition, the plan meets the conditions contained in § 2623.7(c), as follows: Some benefits in the plan exceed the limitations contained in § 2623.5 (b) and (c), *i.e.*, the accured benefit at normal retirement and the maximum guaranteeable benefit adjusted for age and benefit form. The plan has been in effect longer than 5 years. There are no employee contributions under the plan. Based on the most recent plan valuation, plan assets are $20 million and the present value of all benefits in pay status is $19 million. Thus the plan administrator may estimate priority category 3 benefits for nonsubstantial owners under § 2623.7(c)(1).

Estimated Title IV Benefits. Under § 2623.7(a), the estimated benefit payable beginning 30 days following the section 4041(a) date of termination with respect to a participant who is a nonsubstantial owner, is the higher of the estimated priority category 3 computed under § 2623.7(c)(1) or the participant's estimated guaranteed benefit computed under § 2623.6.

The estimated priority category 3 benefit is the benefit that would have been payable with respect to the participant under the terms of the plan in effect on the earlier of the participant's benefit commencement date or the date five years prior to the section 4041(a) date of termination. Since the participant retired only two years prior to termination, the estimated priority category 3 benefit is the 5-year-old benefit, $1,800 per month. This benefit exceeds the $1,365.35 per month estimated guaranteed benefit. Therefore, the participant's estimated Title IV Benefits is $1,800 per month.

Example 2

Facts. A participant age 65 who is a substantial owner retires on the section 4041(a) date of termination, October 30, 1983 with 5 years of active participation in the plan. Under the provisions of the plan 5 years prior to the section 4041(a) date of termination, he is entitled to a single life annuity of $500 per month. Under the most recent plan amendments, which were put into effect 3 years prior to the section 4041(a) date of termination, he is entitled to a single life annuity of $1,000 per month.

Assume that all the conditions in § 2623.7 (b) and (c)(2) have been met. Plan assets equal $2,000,000. The present value of all benefits in pay status in $1,500,000. There are no employee contributions, and the present value of all non-pay status vested benefits is $750,000. The participant's estimated guaranteed benefit computed under § 2623.6(c)(2) is $166.67 per month.

Estimated Title IV Benefits. Under § 2623.7(d) the estimated Title IV Benefits payable with respect to a participant who is a substantial owner is the higher of the estimated priority category 3 benefit computed under § 2623.7(c) or the estimated priority category 4 benefit computed under § 2623.7(d).

Under § 2623.7(c) the participant's estimated priority category 3 benefit is $500 per month based on the plan provisions 5 years prior to the section 4041(a) date of termination.

Under § 2623.7(d) the participant's estimated priority category 4 benefit is the estimated guaranteed benefit computed as if the paricipant were not a substantial owner (§ 2623.6(d)), multiplied by the priority category 4 funding ratio. Since the plan has priority category 3 benefits, the ratio is determined under § 2623.7(d)(2)(i), but may not be less than 1. The numerator of the ratio is plan assets minus the present value of benefits in pay status. The denominator is the present value of all non-pay status vested benefits.

The pariticpant's estimated guaranteed benefit under § 2623.6(d) is $1,000 per month times .90 (the factor from the middle column of the table in § 2623.6(d)(2)) or $900 per month. The $900 is then multiplied by the category 4 funding ratio of ⅔ (or ($2,000,000 − $1,500,000)/$750,000) to produce an estimated category 4 benefit of $600 per month.

The participant's estimated Title IV Benefits are the $600 per month estimated priority category 4 benefit because this is higher than the $500 per month estimated priority category 3 benefit. The participant's estimated benefit under § 2623.5(d) is $600 per month, the amount of Title IV Benefits, as this amount is higher than the participant's estimated guaranteed benefit of $166.67 per month.

§ 2623.7 Notices from plan administrator.

(a) *To participants.* The plan administrator shall notify plan participants and beneficiaries that benefit reductions may be required by this part in accordance with § 2616.4 of this chapter.

(b) *Certification to PBGC.* Within 30 days after the plan administrator has begun paying the reduced benefits required by § 2623.5(d), he or she shall certify in writing to the PBGC the following information for each participant and beneficiary receiving benefits—

(1) The name, age, and social security number of the participant of beneficiary;

(2) The benefit amount and form payable under the plan;

(3) The estimated benefit being paid and a statement whether it is the estimated guaranteed benefit or estimated Title IV Benefits;

(4) The date of commencement of payments at the estimated level; and

(5) If any benefit has not been reduced to the extent required under this Subpart B, a statement of the reason therefor.

(c) For each participant or beneficiary who goes into pay status after the date of the notice described in paragraph (b) of this section, and for any participant or beneficiary whose benefit is readjusted after payment of the estimated guaranteed benefit or the estimated Title IV Benefits has begun, the plan administrator shall provide PBGC with the information listed in paragraphs (b)(1)–(b)(5) within 30 days after commencement of benefit payments or readjustment of benefit amount.

(Approved by the Office of Management and Budget under control number 1212-0029)

Subpart C—PBGC Recoupment and Reimbursement of Benefit Overpayments and Underpayments

§ 2623.11 General rules.

(a) *Recoupment of benefit overpayments.* If benefits paid with respect to any participant on or after the later of the section 4041(a) date and the section 4048 date of termination exceed the total amount to which a participant or beneficiary is entitled under Title IV, and that participant or his or her beneficiary is entitled to received future benefit payments, PBGC shall recoup the benefit overpayment in accordance with § 2623.12.

(b) *Reimbursement of benefit underpayments.* If benefits paid with respect to any participant on or after the later of the section 4041(a) date and the section 4048 date of termination are less than the amount to which a participant or beneficiary is entitled under Title IV, PBGC shall reimburse the participant or his or her beneficiary for the underpayment in accordance with § 2623.13.

§ 2623.12 Method of recoupment.

(a) *Future benefit reductions.* Absent an election by a participant or beneficiary pursuant to paragraphs (a)(3) and (b) of this section of this section, PBGC shall recoup overpayments of benefits with respect to a participant in accordance with this paragraph. The benefit reduction under this paragraph shall be an amount equal to a uniform percentage determined under (1) below multiplied by each future benefit payment to which the participant is entitled (or payment, if only one payment remains). The percentage, computed in accordance with paragraph (a)(1), shall be the amount that repays the overpayment over the expected term of the remaining benefit payments to the participant and/or beneficiary, subject to the limitation in paragraph (a)(2).

(1) *Computation.* The percentage reduction shall equal the amount of the benefit overpayment divided by the present value of the Title IV Benefits payable with respect to the participant, multiplied by 100 percent. The present value of the Title IV Benefits shall be determined as of the date of plan termination, using the PBGC interest rates and factors in effect on that date.

(2) *Limitation on benefit reduction.* Notwithstanding the provisions of

paragraph (a)(1) of this section, the reduction shall not exceed the greater of 10 percent of the Title IV Benefits, or the amount in excess of the maximum guaranteeable benefit payable under section 4022(b)(3)(B) of the Act with respect to a participant determined without adjustement for age and benefit form.

(3) *PBGC notice to participant/beneficiary.* Before effecting a benefit reduction pursuant to this paragraph, PBGC shall notify the participant or beneficiary in writing of the amount of the benefit overpayment and of the amount of the benefit reduction computed under this section. The notice shall advise the participant or beneficiary of the repayment option set forth in this paragraph and in paragraph (b) of this section and inform the participant or beneficiary that PBGC will proceed to recover the benefit overpayment in accordance with this paragraph unless he or she notifies PBGC, in writing within the time specified in PBGC's notice, of his or her election to repay the overpayment in a single payment.

(b) *Lump sum repayment.* A participant or beneficiary who has received a benefit overpayment may elect, in accordance with paragraph (a)(3) of this section, to repay the excess benefits in a single payment on or before a date agreed to by the participant or beneficiary and PBGC. When this option is elected, the amount of the overpayment recouped by PBGC may not exceed the limitation set forth in paragraph (a)(2) of this section. If the full payment is not made by the agreed upon date, PBGC may proceed to recover the overpayment in accordance with paragraph (a) of this section.

§ 2623.13 PBGC reimbursement of benefit underpayments.

When PBGC determines that there has been a benefit underpayment made with respect to a participant, as described in § 2623.11(b), PBGC shall pay the participant or beneficiary the amount of the underpayment, with interest, in a single payment.

Raymond J. Donovan,

Chairman, Board of Directors, Pension Benefit Guaranty Corporation.

Issued pursuant to a resolution of the Board of Directors authorizing its Chairman to issue this Notice of Proposed Rulemaking.

Henry Rose,

Secretary, Pension Benefit Guaranty Corporation.

[FR Doc. 83-29477 Filed 10-28-83; 8:45 am]

BILLING CODE 7708-01-M

DEPARTMENT OF THE INTERIOR

Office of Surface Mining Reclamation and Enforcement

30 CFR Part 750

Surface Mining and Reclamation Operations; Federal Program for Indian Lands and Tribal-Federal Intergovernmental Agreements

Correction

In FR Doc. 83-28625, beginning on page 49174, in the issue of Monday, October 24, 1983, on page 49182, in the second column, in § 750.18, in the fourth line "(d) OSM" should read "(b) OSM".

BILLING CODE 1505-01-M

DEPARTMENT OF EDUCATION

34 CFR Part 503

Office of Bilingual Education and Minority Languages Affairs

AGENCY: Department of Education.

ACTION: Notice of proposed rulemaking.

SUMMARY: The Secretary proposes to issue regulations for the implementation of the State Educational Agency Projects for Coordinating Technical Assistance. This program provides financial assistance through grants to State educational agencies to coordinate technical assistance to programs of bilingual education funded under the Bilingual Education Act in their States. The current regulations were reviewed for regulatory burden reduction. These proposed regulations are issued as a result of that review.

DATES: Comments must be received on or before December 15, 1983.

ADDRESSES: Comments should be addressed to Mr. Jesse M. Soriano, Director, Office of Bilingual Education and MInority Languages Affairs, U.S. Department of Education, (Room 421, Reporters Building), 400 Maryland Avenue, SW., Washington, D.C. 20202.

FOR FURTHER INFORMATION CONTACT: Mr. Luis Catarineau, Office of Bilingual Education and Minority Languages Affairs, U.S. Department of Education, (Room 421, Reporters Building), 400 Maryland Avenue, SW., Washington, D.C. 20202. Telephone (202) 245-2595.

SUPPLEMENTARY INFORMATION: The State Educational Agency Projects for Coordinating Technical Assistance is authorized under Section 721(b)(5) of the Bilingual Education Act, Title VII of the Elementary and Secondary Education Act of 1965, as amended by the Education Amendments of 1978 (Pub. L. 95-561), 20 U.S.C. 3221, *et seq.*

Regulations for this program were initially published in the **Federal Register** on April 4, 1980 (45 FR 23219).

These proposed regulations clarify the types of activities eligible for assistance. An activity has been added to the list of eligible activities in § 503.10 that would authorize State educational agencies (SEAs) to provide non-degree training to increase the skills of SEA personnel in coordinating technical assistance to programs of bilingual education. This proposed training activity will enhance the capacity of SEAs to coordinate technical assistance to programs of bilingual education.

The activity permitted under § 503.10(d) is to be deleted because dissemination of information on State certification requirements for teachers of bilingual education is more properly a State function and cannot be determined to constitute the type of coordination of technical assistance for which Federal funds are made available under the Act. The provision in § 503.10(h) has been deleted because this activity has rarely been proposed for support in the past and is not considered critical to the successful implementation of this program.

The proposed regulations require an SEA to include in its application an assurance that the SEA will work cooperatively with, and coordinate with, the support services centers, such as the Support Services Projects Centers and the Multifunctional Support Centers, serving the local educational agencies in the State under the Act. This assurance is needed to clarify the role and responsibility of the SEA in accepting assistance under this program.

The selection criteria used to award a grant are contained in § 503.31. The language of the selection criteria has been slightly modified to make it consistent with the language of the generally applicable selection criteria in 34 CFR Part 75 (Direct Grant Programs) of the Education Department General Administrative Regulations (EDGAR). In addition, the selection criterion in § 503.31(b) used to evaluate the extent to which the project will increase the capacity of agencies and organizations to provide technical assistance to programs of bilingual education funded under the Bilingual Education Act has been corrected to consider only the extent to which the project will increase the capacity of the SEA to provide for the coordination of technical assistance when assistance under the Act is reduced or no longer available.

Executive Order 12291

The proposed regulations have been reviewed in accordance with Executive Order 12291.

They are classified as non-major because they do not meet the criteria for major regulations established in the Order.

Regulatory Flexibility Act Certification

The Secretary certifies that these proposed regulations will not have significant economic impact on a substantial number of small entities. This program provides assistance to State educational agencies. States and State agencies are not considered small entities under the Regulatory Flexibility Act.

Intergovernmental Review

This program is subject to the requirements of Executive Order 12372 and the regulations in 34 CFR Part 79 (48 FR 29158, June 24, 1983). The objective of the Executive Order is to foster an intergovernmental partnership and a strengthened federalism by relying on State and local processes for State and local government coordination and review of proposed Federal financial assistance.

In accordance with the Order, this document is intended to provide early notification of the Department's specific plans and actions for this program.

Invitation To Comment

Interested persons are invited to submit comments and recommendations regarding these proposed regulations. Written comments and recommendations may be sent to the address given at the beginning of this document.

All comments submitted on or before December 15, 1983 will be considered before the Secretary issues final regulations and will be available for public inspection, during and after the comment period, in Room 421, Reporters Building, 7th and D Streets, SW., Washington, D.C., between the hours of 8.30 a.m. and 4:00 p.m., Monday through Friday of each week except Federal holidays.

To assist the Department in complying with the specific requirements of Executive Order 12291 and the Paperwork Reduction Act of 1980 and their overall requirement of reducing regulatory burden, public comment is invited on whether there may be further opportunities to reduce any regulatory burdens found in these proposed regulations

List of Subjects in 34 CFR Part 503

Bilingual education, Education, Elementary and secondary education, Grant programs—education.

Citation of Legal Authority

A citation of statutory or other legal authority is placed in parentheses on the line following each substantive provision of these proposed regulations.

Dated: October 21, 1983.

(Catalog of Federal Domestic Assistance Number 84.003, Bilingual Education)

T. H. Bell,

Secretary of Education.

The Secretary proposes to revise Part 503 of Title 34 of the Code of Federal Regulations to read as follows:

PART 503—BILINGUAL EDUCATION: STATE EDUCATIONAL AGENCY PROJECTS FOR COORDINATING TECHNICAL ASSISTANCE

Authority: Title VII of the Elementary and Secondary Education Act of 1965, as amended by Pub. L. 95-561 (20 U.S.C. 3221-3261; 92 Stat. 2268-2284), unless otherwise noted.

Subpart A—General

§ 503.1 What general provisions apply to this program?

The general provisions of 34 CFR Part 500 apply to this program.

(20 U.S.C. 3231 (b)(5))

Subpart B—What Kinds of Projects Does the Secretary Assist Under This Program?

§ 503.10 What activities are eligible for assistance?

An SEA is authorized to carry out the following activities:

(a) Coordinating assistance to improve the quality and adequacy of instruction and management in local educational agency (LEA) programs of bilingual educational.

(b) Coordinating the evaluation of LEA programs of bilingual education to determine their effectiveness.

(c) Coordinating the exchange of information among programs of bilingual education funded under the Act and with State, local, and Federal programs that share similar purposes, goals and approaches.

(d) Coordinating assistance to LEAs in developing budget and funding strategies for continuing programs of bilingual education when assistance under the Act is reduced or no longer available.

(e) Coordinating assistance to improve the assessment and use of curriculum materials developed under the Act.

(f) Reviewing grant applications and grantee performance of LEAs within the State carrying out, or proposing to carry out, programs of bilingual education funded under the Act to determine the need for coordination of technical assistance.

(g) Coordinating assistance to LEAs in the selection and use of instruments in these programs to measure the language proficiency of—

(1) Children of limited English proficiency;

(2) Personnel employed in the programs; and

(3) Trainers in bilingual education training programs at institutions of higher education.

(h) Coordinating the development of formal assessment procedures to determine the need for training LEA personnel who are participating in, or preparing to participate in, programs of bilingual education funded under the Act and communicating the identified training needs to the support services centers serving the State under the Act, such as the Support Services Projects Centers and Multifunctional Support Centers serving the State.

(i) Providing non-degree training to increase the skills of State educational agency (SEA) personnel in carrying out their responsibilities with regard to coordinating technical assistance to programs of bilingual education.

(j) Performing other activities approved in advance by the Secretary as designed to further the coordination of technical assistance to programs of bilingual education funded under the Act.

(20 U.S.C. 3231 (b)(5)(A))

Subpart C—How Does a State Educational Agency Apply for a Grant?

§ 503.20 What are the requirements when applying for a grant?

An SEA must include the following assurances in its application:

(a) An assurance that it will comply with "the supplement not supplant" requirement in Section 721(b)(5)(A) of the Act.

(b) An assurance that the SEA will work cooperatively with and coordinate with support service centers serving the State under the Act, such as the Support Services, Projects Centers and Multifunctional Support Centers providing services to LEAs in the State.

(20 U.S.C 3231(b)(5)(A))

Subpart D—How Does the Secretary Make a Grant?

§ 503.30 How are funds distributed to State educational agencies?

(a) The Secretary awards a grant to each SEA that applies if the SEA—

(1) Meets the applicable requirements in the Act and in these regulations; and

(2) Submits an application that achieves a score of at least 50 points under the selection criteria.

(b) The Secretary permits an SEA to modify and resubmit an application that has been disapproved under paragraph (a)(2) of this section.

(20 U.S.C. 3231 (b)(5))

§ 503.31 What selection criteria does the Secretary use?

In reviewing an SEA application for assistance the Secretary uses the following criteria worth a total of 100 possible points:

(a) *Impact.* (25 points)

The Secretary considers the extent to which the project will improve the quality and increase the quantity of technical assistance provided to programs of bilingual education in the State that are funded under the Act.

(b) *Capacity building.* (25 points)

The Secretary considers the extent to which the project activities will increase the capacity of the SEA to provide for the coordination of technical assistance to programs of bilingual education in the State that are funded under the Act when assistance under the Act is reduced or no longer available.

(c) *Evaluation plan.* (15 points)

(1) The Secretary reviews each application for information that shows the quality of the evaluation plan for the project.

(2) The Secretary looks for information that shows that the methods of evaluation are appropriate for the project and, to the extent possible, are objective and will produce data that are quantifiable.

(d) *Plan of operation.* (10 points)

(1) The Secretary reviews each application for information that shows the quality of the plan of operation for the project.

(2) The Secretary looks for information that shows—

(i) High quality in the design of the project;

(ii) An effective plan of management that ensures proper and efficient administration of the project;

(iii) A clear description of how the objectives of the project relate to the purpose of the program; and

(iv) A clear description of the way the applicant plans to use its resources and personnel to achieve each objective.

(e) *Budget and cost effectiveness.* (5 points)

(1) The Secretary reviews each application for information that shows that the project has an adequate budget and is cost effective.

(2) The Secretary looks for information that shows—

(i) The budget for the project is adquate to support the project activities; and

(ii) Costs are reasonable in relation to the objectives of the project.

(f) *Personnel.* (20 points)

(1) The Secretary reviews each application for information that shows the qualifications of the key personnel the applicant plans to use on the project.

(2) The Secretary looks for information that shows—

(i) The qualifications established for the position of the project director;

(ii) The qualifications established for each of the other key personnel to be used in the project;

(iii) The time that each person referred to in paragraphs (2) (i) and (ii) of this section will commit to the project; and

(iv) The extent to which the applicant, as part of its nondiscriminatory employment practices, encourages applications for employment from persons who are members of groups that have been traditionally underrepresented, such as—

(A) Members of racial or ethnic minority groups;

(B) Women;

(C) Handicapped persons; and

(D) The elderly.

(3) The Secretary also considers the quality of the applicant's plan to recruit and employ bilingual personnel for the project.

(4) To determine personnel qualifications, the Secretary considers experience and training in fields related to the objectives of the project, as well as other information that the applicant provides.

(20 U.S.C 3231(b)(3), (b)(5))

Subpart E—What Conditions Must Be Met by a Grantee?

§ 503.40 What requirements apply to all grantees?

(a) A grantee shall use funds made available under this Part to supplement, and to the extent practical, increase the level of funds that, in the absence of the grant, would be made available by the State for activities authorized under § 503.10 for the coordination of technical assistance to programs of bilingual education in the State, and in no case to supplant those funds.

(b) A grantee shall employ bilingual personnel for the project, to the extent possible.

(20 U.S.C 3231(b)(3)(G), (b)(5)(H))

[FR Doc. 83-29433 Filed 10-28-83; 8:45 am]

BILLING CODE 4000-01-M

DEPARTMENT OF THE INTERIOR

National Park Service

36 CFR Part 1213

Procedures for the Identification and Protection of Archeological, Architectural, Historic, and Scientific Properties

AGENCY: National Park Service, DOI.

ACTION: Withdrawal.

SUMMARY: The National Park Service (NPS) of the Department of the Interior (DOI) gives notice that the proposed rule setting forth procedures for the identification and protection of archeological, architectural, historic and scientific properties published by the Heritage Conservation and Recreation Service (44 FR 45417, August 2, 1979) has been withdrawn.

EFFECTIVE DATE: October 31, 1983.

FOR FURTHER INFORMATION CONTACT: Dr. Bennie C. Keel, Assistant Director for Archeology, National Park Service, 1100 L St., NW., Rm 8220, Washington, D.C. 20240. (202) 343-4101.

SUPPLEMENTARY INFORMATION: On August 2, 1979, the Heritage Conservation and Recreation Service

issued a proposed rule (44 FR 45417) concerning procedures that the Department of Interior would follow to meet its responsibilities in the identification, protection, preservation, and management of archeological, architectural, historic, scientific, and other cultural resources. The rule was to fulfill requirements set forth in the National Historic Preservation Act, Executive Order 11593, and other applicable historic preservation laws. Furthermore, the rule was to be a counterpart to 36 CFR 800.10, promulgated by the Advisory Council on Historic Preservation. 36 CFR 1213 was never finalized, and the Heritage Conservation and Recreation Service was abolished on May 31, 1980. Additionally, amendments to the National Historic Preservation Act, passed December 12, 1980, codified relevant parts of Executive Order 11593 and required the Department of Interior to prepare various standards, guidelines, and regulations, including guidelines for Federal agency programs, to implement the Act. These standards, guidelines, and regulations are currently in preparation by the National Park Service. Finally, the regulations published by the Advisory Council on Historic Preservation at 36 CFR Part 800 are currently under revision and will require new DOI counterpart regulations. For these reasons, the National Park Service is withdrawing the proposed rule published as 36 CFR Part 1213.

Russell E. Dickenson,

Director.

FR Doc. 83-29376 Filed 10-28-83; 8:45 am]

BILLING CODE 4310-70-M

FEDERAL EMERGENCY MANAGEMENT AGENCY

44 CFR Part 67

[Docket No. FEMA-6499]

National Flood Insurance Program; Proposed Flood Elevation Determination, North Carolina; Correction

AGENCY: Federal Emergency Management Agency.

ACTION: Proposed Rule; correction.

SUMMARY: This document corrects a Notice of Proposed Determination of base (100-year) flood elevations for selected locations in the unincorporated areas of Haywood County, North Carolina, previously published at 48 FR 10881 on March 15, 1983. This notice provides a more accurate representation of the Flood Insurance Study and Flood Insurance Rate Map for Haywood County, North Carolina.

FOR FURTHER INFORMATION CONTACT: Dr. Brian R. Mrazik, Chief, Engineering Branch, Natural Hazards Division, Federal Emergency Management Agency, Washington, D.C. 20472, (202) 287-0230.

SUPPLEMENTARY INFORMATION: The Federal Emergency Management Agency gives notice of the correction to the Notice of Proposed Determinations of base (100-year) flood elevations for selected locations in the unincorporated areas of Haywood County, North Carolina, previously published at 48 FR 10881 on March 15, 1983, in accordance with Section 110 of the Flood Disaster Protection Act of 1973 (Pub. L. 93-234), 87 Stat. 980, which added Section 383 to the National Flood Insurance Act of 1968 (Title XIII of the Housing and Urban Development Act of 1968 (Pub. L. 90-448), 42 U.S.C. 4001-4128, and 44 CFR 67.4(a)).

The following location and base flood elevations have been amended as follows. The remainder of the Notice of Proposed Base Flood Elevations remains unchanged.

List of Subjects in 44 CFR Part 67

Flood insurance; Flood plains.

Source of flooding	Location	*Elevation in feet (NGVD)
Pigeon River	At confluence of East Fork Pigeon River, just downstream of State Highway 110.	*2,653
Hominy Creek	Just upstream of U.S. Highway 19 & 23 (downstream crossing).	*2,259
North Hominy Creek.	Approximately 1,000 feet upstream of S.R. 1601.	*2,585
West Fork Pigeon River.	Approximately 150 feet downstream of U.S. Highway 276.	*2,662
East Fork Pigeon River.	Just upstream of U.S. Highway 276 at downstream crossing.	*2,690
	Just upstream of U.S. Highway 276 at its second crossing of the river located approximately 350 feet upstream of the confluence of Lanoir Creek.	*2,741

(National Flood Insurance Act of 1968 (Title XIII of Housing and Urban Development Act of 1968), effective January 28, 1969 (33 FR 17804, November 28, 1968), as amended (42 U.S.C. 4001-4128); Executive Order 12127, 44 FR 19367; and delegation of authority to the Associate Director)

Issued: October 24, 1983.

Dave McLoughlin,

Deputy Associate Director, State and Local Programs and Support.

[FR Doc. 83-29479 Filed 10-28-83; 8:45 am]

BILLING CODE 6718-03-M

DEPARTMENT OF TRANSPORTATION

Office of the Secretary

49 CFR Part 27

[Docket No. 56b; Notice No. 83-17]

Nondiscrimination on the Basis of Handicap in Programs Receiving Financial Assistance From the Department of Transportation

AGENCY: Office of the Secretary, DOT.

ACTION: Extension of comment period.

SUMMARY: Section 504 of the Rehabilitation Act of 1973 provides that "no otherwise qualified handicapped individual * * * shall, solely by reason of his handicap, be excluded from the participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance * * *." The Department is currently implementing this statute in the mass transit area through an interim final rule. On September 8, 1983, the Department published a notice of proposed rulemaking seeking public comment on a proposal to replace the interim final rule. A number of handicapped individuals and groups representing handicapped persons have asked the Department to extend the comment period. This notice extends the public comment period on the proposed rule, originally scheduled to end on November 7, 1983, until December 8, 1983.

DATES: Comments should be received in the Department by December 8, 1983.

ADDRESS: Comments should be addressed to Docket Clerk, Docket 56b, Department of Transportation, Room 10105, 400 7th Street, SW., Washington D.C. 20590. Comments will be available for review by the public at this address from 9:00 a.m. through 5:30 p.m., Monday through Friday. Commenters wishing acknowledgement of their comments should include a stamped, self-addressed postcard with their comment. The Docket Clerk will time and date stamp the card and return it to the commenter.

FOR FURTHER INFORMATION CONTACT: Robert C. Ashby, Office of Assistant General Counsel for Regulation and Enforcement, U.S. Department of Transportation, Room 10105, 400 Seventh Street, SW., Washington, D.C. 20590. 202/426-4723. Hearing-impaired persons may contact Mr. Ashby by using TTY (202) 755-7687. The NPRM has been taped for the use of visually-impaired persons.

SUPPLEMENTARY INFORMATION: On September 8, 1983, the Department of Transportation published a notice of proposed rulemaking (NPRM) to carry out section 504 of the Rehabilitation Act of 1973 in the context of the Department's financial assistance programs for urban mass transportation. The NPRM proposed provisions to replace a 1981 interim final rule on the same subject. The new proposal is also intended to comply with section 317(c) of the Surface Transportation Assistance Act of 1982, which directed the Department to publish a new section 504 regulation including, among other features, minimum criteria for the provision of transportation services to handicapped and elderly individuals.

The Department originally established a 60-day comment period for the NPRM, which was scheduled to end on November 7. However, a number of handicapped individuals and groups representing handicapped persons have asked the Department to extend the comment period. They have advanced two reasons for their request. First, because of the complexity of the subject matter, handicapped persons and their organizations need more time to study the issues and respond. Second, individuals with handicaps relating to communication or whose handicaps otherwise make it more difficult or time-consuming for them to learn about and gather information to respond to a regulatory proposal should have additional time to prepare comments. In addition, members of Congress have also requested that we extend the comment period.

The Department agrees that a 30-day extension is warranted. Therefore, this notice extends the comment period on the NPRM through December 8, 1983.

Issued this 25th day of October, 1983, at Washington, D.C.

Elizabeth Hanford Dole,

Secretary of Transportation.

[FR Doc. 83-29463 filed 10-28-83; 8:45 am]

BILLING CODE 4910-62-M

DEPARTMENT OF THE INTERIOR

Fish and Wildlife Service

50 CFR Part 17

Endangered and Threatened Wildlife and Plants; Proposed Endangered Status for Camissonia benitensis (San Benito evening-primrose)

AGENCY: Fish and Wildlife Service, Interior.

ACTION: Proposed rule.

SUMMARY: The Service proposes to determine the San Benito evening-primrose (*Camissonia benitensis*) to be an Endangered species. This action is being taken because plants are being destroyed and the habitat of this species is undergoing severe modification by heavy off-road vehicle (ORV) use. The San Benito evening-primrose only occurs in parts of the Clear Creek and San Carlos Creek drainages, between Hernandez and New Idria, San Benito County, California. The species exists only as a few scattered populations on serpentine alluvial terraces in these two drainages. The proposed rule would provide protection to wild populations of this species.

DATES: Comments from the public must be received by December 30, 1983. Requests for a public hearing must be received by December 15, 1983.

ADDRESSES: Interested persons or organizations are requested to submit comments to: Regional Director, U.S. Fish and Wildlife Service, Lloyd 500 Building, Suite 1692, 500 NE. Multnomah Street, Portland, Oregon 97232. Comments and materials relating to this rule are available for public inspection by appointment during normal business hours at the Service's Regional Office at the above address.

FOR FURTHER INFORMATION CONTACT: For further information on the proposed rule, contact Mr. Sanford Wilbur, U.S. Fish and Wildlife Service, Lloyd 500 Building, Suite 1692, 500 NE. Multnomah Street, Portland, Oregon 97232 (503/231-6131).

SUPPLEMENTARY INFORMATION:

Background

This plant is a small, hairy, annual member of the evening-primrose family (Onagraceae) with bright yellow flowers. It grows on alluvial terraces along Clear Creek and San Carlos Creek, San Benito County, California, at 2,500-4,600 feet (760-1,340 meters) elevation. Although the species has never been observed growing on sites other than the alluvial terraces, it is not known whether it can grow on serpentine uplands. It has only a moderate reproductive potential under favorable conditions, apparently is not aggressive or weedy, and is very susceptible to trampling. In May of 1979, a total of only 70 plants were observed to flower. A field examination by U.S. Fish and Wildlife Service personnel in April of 1980 revealed that the plants on Clear Creek numbered perhaps 200 to 300 at a single small location. This site was completely unprotected and numerous tire tracks crisscrossed the area. A second location (first observed in 1978 by Bureau of Land Management (BLM) personnel) had been severely altered by off-road vehicle (ORV) activity, and no plants were observed. The San Carlos Creek site was inaccessible at the time, due to impassable road conditions. Observations in 1982-83 revealed a few scattered populations in the two drainages. The total population is estimated at fewer than 1,000 plants in any given year, all restricted to very vulnerable sites. the primary threat to this species is very heavy recreational use of the alluvial terraces along Clear Creek (Griffin, pers. comm.). ORV activities in the Clear Creek drainage are extremely disruptive to the local landscape, and it appears that the most attractive sites for ORV and camping activities are also the most favorable sites for the plant (Griffin, 1977). *Camissonia benitensis* was first collected by Peter H. Raven in 1960 and later described by him in 1969 (Contributions U.S. Natl. Herb. 37:332-3).

The U.S. Fish and Wildlife Service was petitioned on August 5, 1977, by Ms. Alice Q. Howard of the California Native Plant Society's Rare Plant Project Committee to place the San Benito envening-primrose on the U.S. list of Endangered plants with designation of Critical Habitat. Accompanying this petition was a detailed account of this species and its status prepared by Dr. James R. Griffin of the University of California, Hastings Natural History Reservation. The species was subsequently included in a December 15, 1980, notice of review of plant species for listing under the Act (45 FR 82480). We now find that the petitioned action is warranted as to determination of Endangered status and hereby publish the proposed rule to implement the action in accord with Section 4(b)(3)(B)(ii) of the Act. For reason of hazards posed to the species more fully explained below, we have found that the designation of Critical Habitat for this species is not prudent.

Factors Affecting the Species

Section 4(a)(1) of the Act (16 U.S.C. 1531 *et seq.*) and regulations implementing the listing provisions of the Act (codified at 50 CFR Part 424, under revision to comply with 1982 amendments) set forth the factors to be considered in determining whether any species is an Endangered species or a Threatened species. These factors, and their application to the San Benito evening-primrose, are as follows:

A. *The present or threatened destruction, modification, or curtailment*

of its habitat or range. Portions of the Clear Creek population have been adversely affected by ORV activities. In May of 1979, a significant portion of this locale was heavily impacted by ORV traffic that resulted in a substantial loss of both habitat and individual plants (Marcus, 1979). The upper San Carlos Creek site is offered a degree of administrative protection because of its location within the San Benito Mountain Natural Area. The area has been withdrawn from mineral entry and is closed to ORV use, but there is no physical barrier to keep ORV's from the site. Consequently, both locations are extremely vulnerable. Since this plant species may be represented by fewer than 1,000 individuals in any given year, reductions at either site would be significant to the population as a whole. Continued ORV use in the area presents an imminent threat to the plant's continued existence.

B. *Overutilization for commercial, recreational, scientific, or educational purposes.* Not applicable to this species.

C. *Disease or predation* (including grazing). Grazing occurs on limited portions of the private lands in the area from which the species is known. However, suitable grazing areas are generally not located on the serpentine terraces that support *Camissonia benitensis.*

D. *The inadequacy of existing regulatory mechanisms. Camissonia benitensis* is not, at this time, listed as rare or endangered by the State of California and is therefore not subject to State law. The BLM, which recognizes ORV activities as a legitimate use of public lands in this area, does not presently restrict such activities in order to protect this species or its habitat. Listing under the Act will aid in the conservation of this species through interagency cooperation under Section 7. Moreover, Section 9(a)(2)(B) of the Act prohibits removing and reducing to possession any Endangered plant from areas under Federal jurisdiction.

E. *Other natural or manmade factors affecting its continued existence.* Many species of *Camissonia* and the related genus *Oenothera* are known to have specific bee of the genus *Andrena* (family Andrenidae). If *C. benitensis* has such a pollinator, ORV activity may be disruptive to the nesting sites of these ground nesting solitary bees, thereby posing another serious threat to the plant.

Critical Habitat

The Act defines "Critical Habitat" as: "* * *(i) the specific areas within the geographical area occupied by a species, at the time it is listed in accordance with the provisions of Section 4 of this Act, on which are found those physical or biological features (I) essential to conservation of the species and (II) which may require special management consideration or protection, and (ii) specific areas outside the geographical area occupied by a species at the time it is listed in accordance with the provisions of Section 4 of the Act, upon a determination by the Secretary that such areas are essential for the conservation of the species."

The Act, as amended, requires that Critical Habitat be designated to the maximum extent prudent and determinable at the time a species is listed. The Service considers designation of Critical Habitat to be prudent when such designation will benefit the species involved. In the present case, both the Service and BLM believe that publication of specific areas in which *Camissonia benitensis* occurs would be likely to expose the species to an increased threat of vandalism, which would be difficult to control under existing authorities. Consequently, no Critical Habitat is proposed for this plant species.

Available Conservation Measures

Regulations at 50 CFR 17.61 set forth a series of general trade prohibitions and exceptions that apply to all Endangered plant species. These prohibitions, in part, would make it illegal for any person subject to the jurisdiction of the United States to import or export, ship in interstate or foreign commerce in the course of a commercial activity, or sell this species, or offer it for sale in interstate or foreign commerce. It also would be illegal to deliver, receive, carry, transport, or ship in interstate or foreign commerce, by any means whatsoever, and in the course of a commercial activity, any such plant. Certain exceptions would apply to agents of the Service and State conservation agencies.

Permits may be issued to carry out otherwise prohibited activities involving Endangered plant species under certain circumstances. Regulations governing permits are at 50 CFR 17.62 and 17.63. Such permits are available for scientific purposes or to enhance the propagation or survival of the species. In some instances, permits may be issued during a specified period of time to relieve undue economic hardship that would be suffered if such relief were not available. There is no known commercial trade in *Camissonia benitensis* and the Service anticipates few, if any, requests for such permits.

Section 9(a)(2)(B) of the Act, as amended in 1982, prohibits removal and reduction to possession of any Endangered plant on areas subject to Federal jurisdiction. This prohibition would apply to *Camissonia benitensis.* Permits for exceptions to this provision are available under Section 10(a) of the Act, following the general approach of 50 CFR Section 17.62 until revised regulations are promulgated.

Federal agencies must informally confer with the Secretary on any agency action judged likely to jeopardize the continued existence of any species proposed to be listed under Section 4. This requirement now applies to *Camissonia benitensis.* Apart from informal conference, however, none of the substantive provisions of the Act apply to a species that has only been proposed for listing.

If adopted as a final rule, this proposal would require Federal agencies to insure that activities they authorize, fund, or carry out are not likely to jeopardize the continued existence of *Camissonia benitensis.* Provisions for Interagency Cooperation are codified at 50 CFR Part 402.

The Service will review this species to determine whether it should be considered for placement on the Annex of the Convention on Nature Protection and Wildlife Preservation in the Western Hemisphere, and whether it should be considered under other appropriate international agreements.

Public Comments Solicited

The Service intends that any rules finally adopted should be as accurate and effective as possible in the conservation of Endangered or Threatened species. Therefore, comments or suggestions concerning any aspect of these proposed rules are hereby solicited from the public, other concerned governmental agencies, the scientific community, industry, private interests, or any other interested party. Comments are particularly sought concerning:

(1) Biological, commercial, or other relevant data concerning any threat (or the lack thereof) to the species included in this proposal;

(2) The location of and the reasons why any habitat of this species should or should not be determined to be Critical Habitat as provided for by Section 4 of the Act; and

(3) Additional information concerning the range and distribution of this species.

Final promulgation of a regulation on *Camissonia benitensis* will take into consideration the comments and any additional information received by the Service, and such communications may

lead to a final regulation that differs from this proposal.

The Act provides for a public hearing on this proposal, if requested. Requests must be filed within 45 days of the date of proposal. Such requests should be made in writing and addressed to the Regional Director, U.S. Fish and Wildlife Service, Lloyd 500 Building, Suite 1692, 500 N.E. Multnomah Street, Portland, Oregon 97232.

Primary Author

The primary author of this rule is Monty Knudsen, Endangered Species Staff, U.S. Fish and Wildlife Service, 1230 "N" Street, 14th Floor, Sacramento, California 95814 (916/440-2791).

References

Griffin, J. R. 1977. Status report for *Camissionia benitensis*. Unpub. Rept. California Native Plant Society.

Griffin, J. R. 1978. Survey of Rare and Endangered Plants of the Clear Creek Recreation Area. Report to Folsom District Manager, BLM, No. CA-040-PH8-078.

Marcus, D. 1979. Inventory of Rare and Endangered Plants of the Folsom District (BLM). Status report for *Camissonia benitensis*. BLM Contract report, unpub.

Raven, P. H. 1969. A revision of the genus *Camissonia* (Onagraceae). Contr. U.S. Natl. Herb. 37:332-3.

List of Subjects in 50 CFR Part 17

Endangered and threatened wildlife, Fish, Marine mammals, Plants (agriculture).

Regulation Promulgation

PART 17—[AMENDED]

Accordingly, it is proposed to amend Section 17.12 of Part 17 of Subchapter B of Chapter I of Title 50 of the U.S. Code of Federal Regulations as set forth below:

1. The authority citation is as follows:

Authority: Pub. L. 93-205, 87 Stat. 884; Pub. L. 95-623, 92 Stat. 3751; Pub. L. 96-159, 93 Stat. 1241; Pub. L. 97-304, 96 Stat. 1411 (16 U.S.C. 1531, *et seq.*).

§ 17.12 [Amended]

2. It is proposed to amend Section 17.12(h) by adding, in alphabetical order, by family and genus, the following to the List of Endangered and Threatened Plants:

* * * * * *

Species		Historic range	Status	When listed	Critical habitat	Special rules
Scientific name	Common name					
Onagraceae—Evening-primrose family						
Camissonia benitensis	San Benito evening-primrose	U.S.A. (CA)	E		NA	NA
* *	* *	*	*	*		

Dated: September 29, 1983.

G. Ray Arnett,

Assistant Secretary for Fish and Wildlife and Parks.

[FR Doc. 83-29377 Filed 10-28-83; 8:45 am]

BILLING CODE 4310-55-M

DEPARTMENT OF COMMERCE

National Oceanic and Atmospheric Administration

50 CFR Part 652

[Docket No. 31025-208]

Atlantic Surf Clam and Ocean Quahog Fisheries

AGENCY: National Oceanic and Atmospheric Administration (NOAA), Commerce.

ACTION: Proposed rule-related notice; 1984 quotas and request for comments.

SUMMARY: NOAA issues a notice of proposed quotas for the surf clam and ocean quahog fisheries for 1984 and requests public comment. These quotas have been selected from a range defined as the optimum yield for each fishery. The intended effect of this action is to establish allowable harvests of surf clams and ocean quahogs from the fishery conservation zone in 1984; proposed quotas are the same as those for 1983.

EFFECTIVE DATE: Comments will be accepted until November 30, 1983.

ADDRESS: Comments should be sent to the Management Division, Northeast Region, National Marine Fisheries Service, State Fish Pier, Gloucester, Massachusetts 01930-3097. A copy of the report on establishing the quotas is available for public inspection at this address; copies may be requested in writing.

FOR FURTHER INFORMATION CONTACT: Bruce Nicholls, Surf Clam Management Coordinator, 617-281-3600.

SUPPLEMENTARY INFORMATION: Amendment 3 of the Fishery Management Plan for the Surf Clam and Ocean Quahog Fisheries was implemented by final regulations published on January 29, 1982 (47 FR 4268). One of the provisions of the amendment directs the Secretary of Commerce (Secretary), in consultation with the Mid-Atlantic Fishery Management Council, to specify quotas for surf clams and ocean quahogs on an annual basis from within ranges which have been identified as optimum yield for each fishery.

To implement this regulatory provision for establishing quotas, the Regional Director has considered the following information: stock assessments, catch records and other relevant information concerning exploitable biomass and spawning biomass, fishing mortality rates, incoming recruitment, projected effort and catches, and areas likely to be reopened to fishing.

Proposed quotas based on that information are published here for public review and comment; a copy of the report on the methodology used in establishing these quotas is available to the public.

Analyses of stock assessments, catch records, and all other relevant information, indicate there is no change in the status of surf clam and ocean quahog stocks from that of 1983; therefore, the following 1984 quotas are not changed from the quotas established for the fisheries for calendar year 1983:

Fishery	1984 Quota in bushels
New England Surf Clam	100,000
Mid-Atlantic Surf Clam	2,350,000
Ocean Quahog	4,000,000

At the present time, no large scale area reopenings have been planned for 1984. However, significant numbers of surf clams from the 1976 and 1977 year classes off New Jersey and the Delmarva Peninsula are expected to reach minimum legal sizes during the coming fishing season. If the size distribution of clams in any of the three

areas presently closed suggests reopening would be appropriate, public hearings will be held on a suitable reopening proposal.

Comments on these proposed quotas will be accepted for 30 days. Comments will be considered by the Secretary, who will determine appropriate final annual quotas for each fishery and publish those quotas in the **Federal Register.**

Other Matters

This action is taken under the authority of 50 CFR 652.21 and is taken in compliance with Executive Order 12291. The action is covered by the certification for Amendment 3 to the Fishery Management Plan for the Surf Clam and Ocean Quahog Fisheries, under the Regulatory Flexibility Act, that the authorizing regulations do not have a significant economic impact on a substantial number of small entities.

List of Subjects in 50 CFR Part 652

Administrative practice and procedure, Fish, Fisheries, Reporting requirements.

(16 U.S.C. 1801 *et seq.*)

Dated: October 26, 1983.

Carmen J. Blondin,

Deputy Assistant Administrator for Fisheries Resource Management, National Marine Fisheries Service.

[FR Doc. 83-29473 Filed 10-28-83; 8:45 am]

BILLING CODE 3510-22-M

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50 CFR Part 663

[Docket No. 31014-200]

Pacific Coast Groundfish Fishery

AGENCY: National Oceanic and Atmospheric Administration (NOAA), Commerce.

ACTION: Proposed rule.

SUMMARY: NOAA issues this proposed rule to amend the rules implementing the Fishery Management Plan for Pacific Coast Groundfish Fishery. This rulemaking clarifies two measures in § 663.26, Gear restrictions. It clarifies that the mesh of a trawl codend will be measured in the last 50 meshes of the net, and further specifies that a roller or bobbin trawl must have at least two 14-inch bobbins or rollers equally spaced on each side within 10 feet of the center of the footrope of the net. This rule will eliminate differences of interpretation and clarify the understanding of and compliance with the groundfish regulation.

DATE: Comments on this proposed rule will be accepted until December 15, 1983.

ADDRESSES: Send comments to H. A. Larkins, Director, Northwest Region, National Marine Fisheries Service, 7600 Sand Point Way NE, Bin C15700, Seattle, Washington 98115, or Floyd S. Anders, Jr., Acting Director, Southwest Region, National Marine Fisheries Service, 300 Ferry Street, Terminal Island, CA 90731.

FOR FURTHER INFORMATION CONTACT: H. A. Larkins, 206-527-6150, or Floyd S. Anders, Jr., 213-548-2575.

SUPPLEMENTARY INFORMATION: Final implementing regulations for the Pacific Coast Groundfish Fishery, Fishery Management Plan (FMP) were published on October 5, 1982 (47 FR 43964). These regulations include gear restrictions for various kinds of trawl nets at § 663.26, Gear restrictions. These gear restrictions were recommended by a subcommittee appointed by the Pacific Fishery Management Council (Council) for this specific purpose. The subcommittee, composed primarily of fishermen, developed gear definitions, which were accepted essentially verbatim by the Council, and used in the implementing regulations.

However, some fishermen are presently having difficulty understanding and complying with the regulations and have indicated that further clarification of § 663.26(b) (2) and (7) is needed. The Council's subcommittee on legal gear was reactivated to clarify these definitions. The subcommittee recommended that (1) Mesh measurements are to be taken in the codend which should be clarified in the definition as the last fifty meshes of a trawl net, and (2) that a roller or bobbin trawl be further defined as having at least two 14-inch rollers or bobbins equally spaced on each side of the footrope within 10 feet of the center of the footrope, and that these rollers or bobbins be free to turn.

The codend clarification is needed so that fishermen will know that mesh size restrictions apply specifically to the codend, rather than the entire net. The subcommittee acknowledge that most of the escapement of small fish through the webbing occurs in the codend. Therefore, that part of the net should be defined to ensure compliance with mesh size requirements.

Part of the purpose of a roller or bobbin trawl is to raise the footrope off the sea bed so that flatfish (soles and flounders) can pass under the footrope. To achieve this purpose, it is necessary to have a minimum of four 14-inch rollers within 20 feet of the center of the net. This requirement was not made clear in the final regulations and clarification is needed now.

Classification

The Northwest Regional Director of the National Marine Fisheries Service (Regional Director) has determined that this proposed rule is consistent with the intent of the FMP and the implementing regulations.

This proposed rule is intended to clarify the existing regulations but does not change their intent, and is therefore within the range of alternatives analyzed in the final environmental impact statement (FEIS) for the Pacific Coast Groundfish Plan approved in 1982. Accordingly, a supplemental EIS is not required. The 1982 FEIS is on file with the Environmental Protection Agency.

This proposed rule does not entail any Federal collection of information for purposes of the Paperwork Reduction Act, 44 U.S.C. 3507.

A regulatory impact review (RIR) which accompanied the final regulations concluded that they were not major under E.O. 12291. That document also served as the regulatory flexibility analysis (RFA) required by the Regulatory Flexibility Act. The final RIR/RFA is available at the address above.

List of Subjects in 50 CFR Part 663

Administrative practice and procedure, Fish, Fisheries, Fishing.

Dated: October 26, 1983.

Carmen J. Blondin,

Deputy Assistant Administrator for Fisheries Resource Management, National Marine Fisheries Service.

PART 663—[AMENDED]

For the reasons set out in the preamble, 50 CFR Part 663 is proposed to be amended as follows:

1. The authority citation for Part 663 is as follows:

Authority: 16 U.S.C. 1801 *et seq.*

2. In § 663.26, paragraphs (b)(2) and (b)(7) are revised to read as follows:

§ 663.26 Gear restrictions.

* * * * *

(b) * * *

(2) *Mesh size.* Trawl nets may be used if they meet the minimum sizes set forth below. The minimum sizes apply to the last fifty meshes running the length of the net to the terminal (closed) end of the codend. Minimum trawl mesh size requirements are met if a stainless steel wedge can be passed with thumb pressure only through 16 of 20 sets of

two meshes each of wet mesh in the codend.

* * * * *

(7) *Roller trawl or bobbin trawl.* In the Eureka, Columbia, and Vancouver Subareas, if trawl mesh size less than 4.5 inches is used, rollers or bobbins must be at least 14 inches in diameter and free to rotate, with at least 2 rollers or bobbins equally spaced on each side of the footrope within 10 feet of the center of the footrope of the net.

* * * * *

[FR Doc. 83-29518 Filed 10-28-83; 8:45 am]
BILLING CODE 3510-22-M

Notices

Federal Register
Vol. 48, No. 211
Monday, October 31, 1983

This section of the FEDERAL REGISTER contains documents other than rules or proposed rules that are applicable to the public. Notices of hearings and investigations, committee meetings, agency decisions and rulings, delegations of authority, filing of petitions and applications and agency statements of organization and functions are examples of documents appearing in this section.

DEPARTMENT OF COMMERCE

International Trade Administration

Petitions by Producing Firms; Determinations of Eligibility To Apply for Trade Adjustment Assistance; Cochrane Furniture Company; Inc., et al.

Petitions have been accepted for filing from the following firms: (1) Cochrane Furniture Company, Inc., P.O. Box 220, Lincolnton, North Carolina 28092, producer of wood furniture (accepted September 19, 1983); (2) Equipment Manufacturing, Inc., 21550 Hoover Road, Warren, Michigan 48089, producer of metal shipping containers and pallet racks (accepted September 19, 1983); (3) Dumore Corporation, 1300 17th Street, Racine, Wisconsin 53403, producer of drill and grinding equipment and motors (accepted September 21, 1983); (4) Universal Foundry Company, 495 Pearl Avenue, Oshkosh, Wisconsin 54901, producer of iron and aluminum castings (accepted September 21, 1983); (5) Winslow Manufacturing Corporation, 9630 N.E. Lafayette Street, Bainbridge Island, Washington 98110, producer of fishing rods and blanks (accepted September 22, 1983); (6) Valpey-Fisher Corporation, 75 South Street, Hopkinton, Massachusetts 01748, producer of electronic components (accepted September 26, 1983); (7) Draper Corporation, P.O. Box 18100, Greensboro, North Carolina 27419, producer of textile machinery and parts, and metal castings (accepted September 26, 1983); (8) M & S Industries, Inc., 1501 N.E. 106th Street, Vancouver, Washington 98665, producer of overlaid plywood (accepted September 26, 1983); (9) Delano Granite, Inc., 265 North River Street, Delano, Minnesota 55328, producer of structural granite (accepted September 27, 1983); (10) Arc Knitwear Mills, Inc., 32 33rd Street, Brooklyn, New York 11232, producer of knit fabric (accepted September 27, 1983); (11) Frank J. Calarco and Sons, P.O. Box 85, Oakfield, New York 14125, producer of onions (accepted September 27, 1983); (12) Marky's Wholesale Potatoes, Inc., 5806 Oak Orchard Road, Elba, New York 14058, producer of potatoes, onions and cabbage (accepted September 27, 1983); (13) General Automotive Specialty Company, Inc., P.O. Box 3042, North Brunswick, New Jersey 08902, producer of automotive switches and locks (accepted September 28, 1983); (14) Black Horse, Inc., of Puerto Rico, P.O. Box 265, Guaynabo, Puerto Rico 00657, producer of men's and boys' belts (accepted September 29, 1983); (15) Kiowa Corporation, 610 South 12th Avenue, Marshalltown, Iowa 50158, producer of metal die castings (accepted September 29, 1983); (16) Hamlin Overton Frame Company, Inc., 125 Elkenburg Street, South Haven, Michigan 49090, producer of wood racks, picture frames, shelves, trays, and other wood products (accepted September 29, 1983); (17) Rudd Plastci Fabrics Corporation, P.O. Box 206, Brooklyn, New York 11220, producer of vinyl fabric (accepted September 30, 1983); (18) Albany International Industries, Inc., P.O. Box 788, Albany, Oregon, producer of sawmill equipment, parts and accessories (accepted September 30, 1983); (19) Tulsa Power Products, Inc., 11130 East 56th Street South, Tulsa, Oklahoma 74146, producer of cable handling equipment and strobe lights (accepted September 30, 1983); (20) Key Largo Fan Company, Inc., 7535 W. 4th Avenue, Hialeah, Florida 33014, producer of ceiling fans and accessories (accepted October 5, 1983); (21) Christen, Incorporated, 59 Branch Street, St. Louis, Missouri 63147, producer of fireplace equipment, barbecue tools and accessories (accepted October 5, 1983); (22) Ithaca Gun Company, Inc., 123 Lake Street, Ithaca, New York 14850, producer of rifles and shotguns (accepted October 5, 1983); (23) E. V. Camp Steel Works, Inc., P.O. Box 5570, Atlanta, Georgia 30332, producer of steel castings (accepted October 6, 1983); (24) Pilgrim Sportswear, Inc., 350 Fifth Avenue, Suite 5301, New York, New York 10001, producer of children's shirts, pants and playwear (accepted October 7, 1983); (25) Berwick Lighting Corporation, 335 S. Poplar Street, Berwick, Pennsylvania 18603, producer oflamps (accepted October 7, 1983); (26) Chipmunk Hollow Product Designs, Inc., 245 Delware Street, Walton, New York 13856, producer of racks, shelves and other wood products (accepted October 7, 1983); (27) K. G. Knitting Mills, Inc., 703 Bedford Avenue, Brooklyn, New York 11206, producer of women's and children's sweaters (accepted October 7, 1983); (28) Himalayan Industries, Inc., 301 Mulberry Street, Pine Bluff, Arkansas 71601, producer of backpacks, luggage, sleeping bags, men's coats, jackets, vests, pants, face masks and gloves (accepted October 11, 1983); (29) Penn Tables, Inc., 325 Meyers Avenue, Meyersdale, Pennsylvania 15552, producer of table and desk tops (accepted October 11, 1983); (30) Cut, Make and Trim, Inc., 227 Lone Star Boulevard, San Antonio, Texas 78204, producer of women's and children's dresses and blouses (accepted October 11, 1983); (31) Vendome Headwear, Inc., 65 Bleecker Street, New York, New York 10012, producer of headwear (accepted October 11, 1983); (32) Kunzmann chain Company, P.O. Box 170, Warwick, Rhode Island 02887, producer of jewelry chains (accepted October 11, 1983); (33) J.P. Tanning Company, Inc., 371–373 Rivers Street, Haverhill, Massachusetts 01830, producer of leather (accepted October 11, 1983); (34) Lone Star Screw Company, P.O. 15211, Houston, Texas 77020, producer of industrial fasteners (accepted October 12, 1983); (35) Liquid Drive Corporation, P.O. Box 207, Holly, Michigan 48442, producer of power transmission equipment (accepted October 12, 1983); (36) Marantz Piano Pompany, Inc., P.O. Box 460, Morganton, North Carolina 28655, producer of pianos, furniture and electronic signs (accepted October 12, 1983); (37) Middle Atlantic Textile, Inc., Star Route, Box 16–C, Emporia, Virginia 23847, producer of children's dresses and tops (accepted October 12, 1983); (38) Arista Novelty Print Company, Inc., 25 Saw Mill River Road, Yonkers, New York 10701, producer of printed fabric, plastic and paper (accepted October 12, 1983); (39) Spaulding Instruments, 1869 Business Center Drive, Duarte, California 91010, producer of machine tool components (accepted October 12, 1983); (40) Hayes Equipment Corporation, 150 New Britain Avenue, Unionville, Connecticut 06085, producer of stoves, trailers and metal stampings (accepted October 12, 1983); (41) Altshule Sales Company, Inc., 533 South Los Angeles Street, Los Angeles,

California 90013, producer of sports bags, luggage, men's and women's jackets and pants, and ski accessories (accepted October 12, 1983); (42) The Bob Allen Companies, Inc., 214 S. W. Jackson Street, Des Moines, Iowa 50315, producer of luggage, sports bags, portifolios, belts, men's and women's jackets, vests, pants, caps and mittens (accepted October 12, 1983); (43) Denim Evolution, Inc., P.O. Box 341, Boulder, Colorado 80306, producer of men's vests and jackets, and women's skirts, vests, jackets and dresses (accepted October 12, 1983); (44) Pacific Grinding Wheel Company, Inc., P.O. Box Marysville, Washington 98270, producer of grinding wheels (accepted October 13, 1983); (45) C & D Marketing, Inc., 4403 Russell Road, Lynnwood, Washington 98036, producer of three wheel vehicles, trailers and pumps (accepted October 13, 1983); (46) Mountain Chemicals, Inc., 16035 W. 4th Avenue, Golden, Colorado 80401, producer of industrial chemicals (accepted October 13, 1983); (47) Empire State Mills Corporation, 22-61 45th Street, Astoria, New York 11105, producer of knitted fabric (accepted October 14, 1983); (48) Roundwood Corporation, P.O. Box 13269, Florence, South Carolina 29504, producer of hardwood dowels (accepted October 17, 1983); (49) The Oeser Company, P.O. Box 156, Bellingham, Washington 98225, producer of treated poles and softwood lumber (accepted October 17, 1983); (50) Circle Jewelry Products, Inc., 148 West 24th Street, New York, New York 10011, producer of costume jewelry (accepted October 19, 1983); (51) Diener Industries, Inc., 20257 Prairie Street, Chatsworth, California 91311, producer of toy figurines and erasers (accepted October 20, 1983); (52) Michigan Instruments Corporation, 55 Sanford Street, East Orange, New Jersey 07018, producer of scissors (accepted October 20, 1983); and (53) Werner Industries, Inc., 29130 Northline Road, Romulus, Michigan 48174, producer of screw machine products.

The petitions were submitted pursuant to Section 251 of the Trade Act of 1974 (Pub. L. 93-618) and § 315.23 of the Adjustment Assistance Regulations for Firms and Communities (13 CFR Part 315). Consequently, the United States Department of Commerce has initiated separate investigations to determine whether increased imports into the United States of articles like or directly competitive with those produced by each firm contributed importantly to total or partial separation of the firm's workers, or threat thereof, and to a decrease in sales or production of each petitioning firm.

Any party having a substantial interest in the proceeding may request a public hearing on the matter. A request for a hearing must be received by the Director, Certification Division, Office of Trade Adjustment Assistance, International Trade Administration, U.S. Department of Commerce, Washington, D.C. 20230, no later than the close of business of the tenth calendar day following the publication of this notice.

The Catalog of Federal Domestic Assistance official program number and title of the program under which these petitions are submitted is 11.309, Trade Adjustment Assistance. Insofar as this notice involves petitions for the determination of eligibility under the Trade Act of 1974, the requirements of Office of Management and Budget Circular No. A-95 regarding review by clearinghouses do not apply.

Jack W. Osburn, Jr.,

Director, Certification Division, Office of Trade Adjustment Assistance.

[FR Doc. 83-29481 Filed 10-28-83; 8:45 am]

BILLING CODE 3510-DR-M

[A-580-010]

Antidumping; Preliminary Determination of Sales at Less Than Fair Value; Certain Rectangular Welded Carbon Steel Pipes and Tubes From the Republic of Korea

AGENCY: International Trade Administration, Commerce.

ACTION: Notice.

SUMMARY: We have preliminarily determined that certain rectangular welded carbon steel pipes and tubes (RWPT) from the Republic of Korea (Korea) are being, or are likely to be, sold in the United States at less than fair value. We have notified the United States International Trade Commission (ITC) of our determination, and we have directed the United States Customs Service to suspend the liquidation of all entries of the subject merchandise which are entered, or withdrawn from warehouse, for consumption, on or after the date of publication of this notice and to require a cash deposit or bond for each such entry in an amount equal to the estimated dumping margins as described in the "Suspension of Liquidation" section of this notice.

If this investigation proceeds normally, we will make a final determination by January 9, 1984.

EFFECTIVE DATE: October 31, 1983.

FOR FURTHER INFORMATION CONTACT: Terry Link, Office of Investigations, Import Administration, International Trade Administration, U.S. Department of Commerce, 14th Street and Constitution Avenue, NW., Washington, D.C. 20230, telephone: (202) 377-0189.

SUPPLEMENTARY INFORMATION:

Preliminary Determination

We have preliminarily determined that there is a reasonable basis to believe or suspect that RWPT from Korea are being, or are likely to be, sold in the United States at less than fair value, as provided in section 733 of the Tariff Act of 1930, as amended (the Act).

We have found that the foreign market value of RWPT exceeded the United States price on 50 percent of the sales. These margins ranged from 0.459 percent to 15.912 percent. The overall weighted-average margin on all sales compared is 3.699 percent.

If this investigation proceeds normally, we will make our final determination by January 9, 1984.

Case History

On July 14, 1983, we received a petition filed by counsel for the Committee on Pipe and Tube Imports (CPTI). The CPTI represents the following domestic manufacturers of rectangular welded carbon steel pipes and tubes: Allied Tube and Conduit Corp.; American Tube Co., Inc.; Bull Moose Tube Co.; Copperweld Tubing Group; Kaiser Steel Corp.; Merchants Metals, Inc.; Pittsburgh-International; Southwestern Pipe, Inc.; and Western Tube and Conduit. In accordance with the filing requirements of § 353.36 of the Commerce Department Regulations (19 CFR 353.36), the petitioner alledged that RWPT from Korea are being, or are likely to be, sold in the United States at less than fair value within the meaning of section 731 of the Act, and that these imports are materially injuring, or are threatening to materially injure, a United States industry.

After reviewing the petition, we determined that it contained sufficient grounds to initiate an antidumping investigation. We notified the ITC of our action and initiated such an investigation on August 3, 1983 (48 FR 36502). On August 29, 1983, the ITC found that there is a reasonable indication that imports of certain RWPT are materially injuring, or are threatening to materially injure, a United States industry.

A questionnaire was presented to Union Steel Manufacturing Co., Ltd. (Union) on August 4, 1983. Union, a producer of the subject merchandise, accounts for approximately 97 percent of the exports to the United States during the period of investigation. The response was received on September 12,

1983. A supplemental questionnaire was sent to counsel for Union on September 16, 1983, and the response was received September 28, 1983.

On October 18, 1983, the petitioner alleged that home market sales of RWPT are being made at less than the cost of production in Korea. Since we did not receive this allegation in time for consideration in our preliminary determination, we will investigate whether home market sales of RWPT are being made at prices which are less than their costs of production for our final determination.

Scope of the Investigation

The merchandise covered by this investigation is certain rectangular welded carbon steel pipes and tubes, which are defined for purposes of this proceeding as: welded carbon steel pipes and tubes, of rectangular (including square) cross section, currently provided for in items 610.3955 and 610.4975 of the *Tariff Schedules of the United States Annotated* (1983).

We investigated sales of RWPT by Union during the period from February 1, 1983, to July 31, 1983.

Fair Value Comparison

To determine whether sales of the subject merchandise in the United States were made at less than fair value, we compared the United States price with the foreign market value.

United States Price

As provided in section 772(b) of the Act, we used the purchase price of the subject merchandise to represent the United States price for sale by Union, because the merchandise was sold to unrelated purchasers prior to its importation into the United States.

We calculated the purchase price based on the f.o.b., c.i.f. or c. & f., packed price. We made deductions, where appropriate, for Korean inland freight, ocean freight, foreign marine insurance, foreign brokerage and handling, and testing and inspection fees.

Foreign Market Value

In accordance with section 773(a) of the Act, we calculated foreign market value based on home market sales.

We calculated home market prices based on c. & f. or ex-factory, packed prices on shipped merchandise to unrelated distributors. From these prices we deducted, where appropriate, inland freight and debates. We made circumstances of sale adjustments for intransit warehousing and for differences between U.S. and home market credit costs, in accordance with section 353.15 of the Commerce Regulations. We also deducted home market packing cost and added the cost of U.S. packing, pursuant to 773(a)(1) of the Act.

We have preliminarily determined that two types of merchandise subject to this investigation, Korean Standard 3568 and Union Standard, are "such or similar" to ASTM A-500 rectangular welded carbon steel pipes and tubes sold in the United States, in accordance with the provisions of section 771(16) of the Act.

Suspension of Liquidation

In accordance with section 733(d) of the Act, we are directing the United States Customs Service to suspend liquidation on RWPT from Korea which are entered, or withdrawn from warehouse, for consumption, on or after the date of publication of this notice in the **Federal Register**. The Customs Service shall require a cash deposit or the posting of a bond equal to the estimated weighted-average amount by which the foreign market value of the merchandise subject to this investigation exceeds the United States price. The suspension of liquidation will remain in effect until further notice. The weighted-average margins are as follows:

Manufacturer	Weighted-average margin percentage
Union Steel Manufacturing Co., Ltd	3.699
All Other Manufacturers/Producers/Exporters	3.699

Verification

In accordance with section 776(a) of the Act, we will verify all data used in reaching a final determination in this investigation.

ITC Notification

In accordance with section 733(f) of the Act, we will notify the ITC of our determination. In addition, we are making available to the ITC all nonprivileged and nonconfidential information relating to this investigation. We will allow the ITC access to all privileged and confidential information in our files, provided the ITC confirms that it will not disclose such information, either publicly or under an administrative protective order, without the written consent of the Deputy Assistant Secretary for Import Administration.

Public Comment

In accordance with § 353.47 of the Commerce Department Regulations, if requested, we will hold a public hearing to afford interested parties an opportunity to comment on this preliminary determination at 1 p.m. on December 15, 1983, at the United States Department of Commerce, Room 6802, 14th Street and Constitution Avenue, NW., Washington, D.C. 20230. Individuals who wish to participate in the hearing must submit a request to the Deputy Assistant Secretary for Import Administration, Room 3099B, at the above address within 10 days of this notice's publication. Requests should contain: (1) The party's name, address, and telephone number; (2) the number of participants; (3) the reason for attending; and (4) a list of the issues to be discussed. In addition, prehearing briefs in at least 10 copies must be submitted to the Deputy Assistant Secretary by December 9, 1983. Oral presentations will be limited to issues raised in the briefs. All written views should be filed in accordance with 19 CFR 353.46 within 30 days of publication of this notice, at the above address and in at least 10 copies.

Dated: October 24, 1983.

Alan F. Holmer,

Deputy Assistant Secretary for Import Administration.

[FR Doc. 83-29528 Filed 10-28-83; 8:45 am]

BILLING CODE 3510-DS-M

[C-565-001]

Canned Tuna From the Philippines; Final Affirmative Countervailing Duty Determination and Countervailing Duty Order

AGENCY: International Trade Administration, Commerce.

ACTION: Notice.

SUMMARY: We have determined that certain benefits which constitute bounties or grants within the meaning of the countervailing duty law are being provided to manufacturers, producers, or exporters in the Philippines of canned tuna, as described in the "Scope of Investigation" section of this notice. The net bounty or grant is 0.72 percent *ad valorem*.

EFFECTIVE DATE: October 31, 1983.

FOR FURTHER INFORMATION CONTACT: John J. Kenkel or Melissa G. Skinner, Office of Investigations, Import Administration, International Trade Administration, U.S. Department of Commerce, 14th Street and Constitution Avenue, NW., Washington, D.C. 20230, telephone (202) 377-3464 or 377-3530.

SUPPLEMENTARY INFORMATION:

Final Determination and Order

Based upon our investigation, we determine that certain benefits which constitute bounties or grants within the meaning of section 303 of the Tariff Act of 1930, as amended (the Act), are being provided to manufacturers, producers, or exporters in the Philippines of canned tuna as described in the "Scope of Investigation" section of this notice. We determine the net bounty or grant is 0.72 percent *ad valorem.*

Case History

On March 11, 1983, we received a petition in proper form from the Tuna Research Foundation, Inc., on behalf of the U.S. industry producing canned tuna. The petition alleged that certain benefits which constitute bounties or grants within the meaning of section 303 of the Act are being provided, directly or indirectly, to the manufacturers, producers, or exporters in the Philippines of canned tuna.

Since the Philippines is not a "country under the Agreement" within the meaning of section 701(b) of the Act, section 303 of the Act applies to this investigation. Under this section, since the merchandise being investigated is dutiable, the domestic industry is not required to allege that, and the U.S. International Trade Commission is not required to determine whether, imports of this product cause or threaten to cause material injury to a U.S. industry. We found the petition to contain sufficient grounds upon which to initiate a countervailing duty investigation, and on March 31, 1983, we initiated a countervailing duty investigation (48 FR 15505).

On April 20, 1983, we presented a questionnaire concerning the allegations to the government of the Philippines at its embassy in Washington, D.C. Subsequently, on May 23, 1983, we determined that the case was "extraordinarily complicated" within the meaning of 703(c)(1)(B) of the Act, and we published a notice of the postponement of the preliminary countervailing duty determination (48 FR 22976). On June 17, 1983, we received the responses to the questionnaire. Verification of the responses was conducted July 5–20, 1983, in the Philippines.

Of the eight producers which responded to the questionnaire, we selected for verification the six companies which accounted for 85 percent, by value, of exports to the U.S. The six companies were: Century Canning Corp., Judric Canning Corp., Philippine Tuna Canning Corp., Pure Foods Corp., Sancanco Canning Corp., and Premier Industrial & Development Corporation (Premier). We verified at the company and government levels the responses of the six companies, except Premier, which refused to cooperate. One additional exporter, Ayala, was discovered during verification and information for that company was collected. We conducted an additional verification in September of Mar Fishing Co., South Pacific Export Company, and Premier Industrial & Development Corporation. In addition, we verified new information received from several of the previously verified companies.

We issued an affirmative preliminary determination on August 8, 1983 (48 FR 37051). We preliminarily determined that there was reason to believe or suspect that certain benefits which constitute bounties or grants within the meaning of the Act, are being provided to manufacturers, producers, or exporters in the Philippines of canned tuna. We preliminarily determined the net bounty or grant was 1.30 percent *ad valorem.* The programs preliminarily determined to bestow countervailable benefits were: preferential short-term rediscounted loans, certain tax incentives available under the Omnibus Investments Code, including tax deduction for expansion reinvestment, tax deduction for direct labor costs and local raw materials, tax exemption on imported capital equipment and a tax deduction for export trading companies.

We directed the U.S. Customs Service to suspend liquidation of all entries of the product subject to the preliminary determination which were entered, or withdrawn from warehouse, for consumption, and to require a cash deposit or the posting of a bond on this product in an amount equal to the estimated net bounties or grants.

Our notice of preliminary determination gave interested parties an opportunity to submit oral or written views. We held a public hearing at which representatives of the Philippine government, counsel for the petitioners, respondents and interested parties participated.

Scope of Investigation

The product covered by this investigation is tuna packed or preserved in any manner, not in oil, in airtight containers. The merchandise is currently classified under item numbers 112.3020, 112.3040, and 112.3400 of the *Tariff Schedules of the United States Annotated* (TSUSA).

The Ayala Corporation, Century Canning Corp., Judric Canning Corp., Mar Fishing Corp., Philippine Tuna Canning Corp., Premier Premier Industrial & Development Corporation, Pure Foods Corp., Sancanco Canning Corp., and South Pacific Export Company are the only known producers and exporters in the Philippines of the subject product exported to the United States. Two companies referred to in the petition (Diamond Seafood Corp. and Santa Monica Canning Corp.) were not producers or exporters of tuna during the period for which we are measuring subsidization, which is the 1982 calendar year or 1982 corporate fiscal year, as appropriate.

Analysis of Programs

Based upon our analysis of the petition, the responses to our questionnaire, two verifications, the hearing and comments by interested parties, we have determined the following:

I. Programs Determined to Confer Bounties or Grants

We determine that bounties or grants are being provided to manufacturers, producers, or exporters in the Philippines of canned tuna under the programs of the government of the Philippines listed below.

A. *Preferential Export Loans.* The petition alleges benefits in the form of preferential loans provided through the Central Bank's operation of a loan rediscounting facility. The Department requested from each of the companies under investigation information on all loans outstanding during the period for which we are measuring subsidization.

The export packing credit (EPC) program is a rediscounting program offered by the Central Bank of the Philippines which provides credit on eligible paper with original maturity of one year or less. Upon receipt of a letter of credit, an exporter may request from a commercial bank a loan predicated on the letter of credit, to finance working capital and other requirements. Exporters are charged a maximum interest rate of 12 percent, including fees. The Central Bank rediscounts up to 80 percent of the letter of credit at a rate of three percent. During the period of investigation, the maximum commercial interest rate for non-rediscounted paper was 18 percent. This program is government directed and controlled, available solely to exporters, and provides for interest rates that are less than those for comparable commercially available loans. Therefore, we determine that this program confers a bounty or grant upon exporters of canned tuna.

The benefit provided by this program was calculated by taking the difference between the actual interest paid by the

companies on export packing credits predicated on exports of tuna not in oil and the amount of interest they would have paid using a comparable commercial interest rate. Since we could not identify a national average commercial interest rate, we used as our benchmark the average interest rate on all short-term loans, other than export packing credits, outstanding for all the tuna companies in the Philippines in 1982. This benchmark was compared to the average interest rate paid by each company on its EPCs. All but two companies paid an average interest rate below the benchmark. We took the difference between the two interest rates and applied it to the annualized principal amount of EPCs. The resulting figure was the amount of benefit for all exports. We then multiplied that benefit amount by the percentage that that company's exports to the U.S. of canned tuna not in oil were of its total exports in order to determine the amount of benefit to be applied to U.S. sales. We allocated the amount of the benefit over the value of all exports to the U.S. of canned tuna, because export packing credits are available only to exporters. On this basis, we calculated an *ad valorem* benefit of 0.03 percent.

B. *Tax Incentives Available Under the Omnibus Investments Code.* The petition alleges that the Omnibus Investments Code (Code)—which provides a variety of investment incentives only to registered enterprises—confers bounties or grants. The allegation includes: (1) Incentives to registered enterprises (Article 45 of the Code); (2) incentives to registered export producers (Article 48 of the Code); and (3) incentives to registered export traders (Article 49 of the Code).

The Code, Presidential Decree No. 1789, establishes various tax incentives for the purpose of accelerating development of the economy of the Philippines by encouraging domestic and foreign investments in projects to develop various sectors of the economy, to achieve self-reliance in basic requirements of food and raw materials, to encourage exports of Philippines products and services, and for other purposes.

The Board of Investments (Board) is composed of five governors appointed by the President of the Philippines, and is responsible for administering the Code. In this regard, the Board prepares an annual Investment Priorities Plan (Plan) listing the "preferred areas of investment." These "areas" are areas of economic activity (rather than geographic areas) and firms operating in these areas are entitled to apply for incentives under the Code. The Board "registers" individual firms operating in the Philippines which wish to take advantage of incentives. The Code incentives are limited to firms which are "registered enterprises," "registered export producers," "registered export traders," or "registered service exporters." Registration generally is limited by government direction to firms in industries included in the Plan. The category "Processed food (fish and other seafood)," which includes canned tuna, is included in the 1982 Plan.

A "registered export producer" is defined in the Code as a registered producer which manufactures and exports or sells for export products that meet certain standards set by the Board. A "registered export trader" is defined as a registered export trading company that trades the product of registered export producers. We determine that the following incentives are provided to registered export producers and export traders under the Code and confer bounties or grants because they are contingent upon export performance and/or stimulate export over domestic sales.

One or more of the canned tuna registered export producers/export traders benefited from the following incentives during the period of investigation:

1. Article 48(b) provides a tax deduction for direct labor costs and local raw materials. A registered export producer may, for the first five years from the date of its registration or initial commercial operation, deduct from its total taxable income from domestic and export sales by its registered operations an amount equivalent to the direct labor costs of its domestic and export products and the local raw material costs incurred in the production of its export products. The total deduction may not exceed 25 percent of the company's total export revenue. One canned tuna producer used this incentive during the period for which we are measuring subsidization. The benefit is the tax savings which were claimed under this program on the tax return filed during the period of investigation.

2. Article 48(f) provides that, within seven years of the date of its registration, a registered export producer is exempt from payment of 100 percent of the tariff duties and compensating tax payable on imported capital equipment and accompanying spare parts, provided that it obtains advance Board approval for the importation. Two canned tuna producers used this benefit during the period for which we are measuring subsidization. The exemption for registered export producers under Article 48(f) is granted "under the same conditions provided for in Article 45(d) of this Code," which is discussed below in Section II of this final determination. The export subsidy, therefore, is the difference between the total amount of the exemptions allowed under Article 48(f) during the year for which we are measuring subsidization and the amount that would have been allowed (50 percent of the total) had the claim been filed under Article 45(d).

3. Article 49(d) provides a tax deduction to export trading companies. For the first five years from the date of its registration or initial commercial operation, a registered export trading company may deduct an amount equal to 20 percent of its total export sales. This deduction is made from taxable income attributable to all registered operations of the firm. However, the Board may apportion up to one half of this deduction to the registered export producer which is exporting through the registered trader. One canned tuna producer and one export trading company shared this benefit. The amount of the benefit is the tax savings which were claimed on the tax return filed during the period of investigation. The tax savings for one of these companies, however, was zero.

The benefits received under Articles 48(b), 48(f) and 49(d) constitute export subsidies and, as such, were allocated by taking the amount attributable to U.S. sales over total export sales of canned tuna to the U.S. The use of these export incentives resulted in a net bounty or grant of 0.69 percent *ad valorem*.

II. Programs Determined Not To Confer Bounties or Grants

We determine that bounties or grants are not being provided to manufacturers, producers, or exporters in the Philippines of canned tuna under the following programs.

A. *Selected Articles of the Omnibus Investments Code.* 1. The petition alleges that Article 45 of the Code—which grants registered enterprises certain incentives—confers bounties or grants. We found at verification that nearly all industries in the Philippines, as classified at the four-digit level of the Philippine Standard Industrial Code (PSIC), are included in the 1982 Investment Priorities Plan. We determine that benefits granted by Article 45 are in law and practice available to more than a specific enterprise or industry or group of enterprises or industries in the Philippines. Therefore, none of the incentive programs available under

Article 45 are countervailable domestic subsidies. We also determine that the incentives available under Article 45 are not contingent on export performance and, therefore, are not export subsidies.

2. The petition also alleges that Article 48(a) of the Code confers bounties or grants. It allows registered export producers to receive tax credits equal to the sales, compensating and specific taxes and duties paid on the supplies, raw materials and semi-manufactured products used in the production of, even if not physically incorporated in, the exported products. In its response, the government of the Philippines stated that tax credits made available under this article are only for raw materials and semi-manufactured products used in production actually forming a part of the product. They further stated that supplies not physically incorporated in the product are not eligible for this tax credit. We verified that companies which used Article 48(a) had received this tax credit for taxes paid on materials physically incorporated in the exported product. Since the tax credit does not exceed taxes actually paid and the materials are physically incorporated in the product, we determine that Article 48(a) of the Code does not confer bounties or grants.

B. *Rediscounted Food Production Credits.* Article 1.2 of Central Bank Circular 784 also provides for another type of loan known as "unsupervised credits". The credits are given on basic food production and agricultural/industrial/commercial paper. Loans which are rediscounted by commercial banks with the Central Bank under this program are available to producers of canned tuna at a ceiling interest rate of 14 percent, including fees. One tuna company obtained food production credits. We verified that loans obtained under Article 1.2 are available to all industries in the Philippines. The fact that there are two subsections under Article 1.2 is only of historical significance, because Circular 784 codifies earlier programs. Article 1.2 is intrinsically one program to which all industries have equal access. It is broken down into subsections only so that companies eligible under the various older programs will know that those programs still exist.

C. *Marginal Deposit Requirements.* The petition alleges that the Central Bank's relaxed cash deposit requirement on letters of credit opened by Philippine importers confers bounties or grants. The Philippine government's response states that the relaxed marginal deposit requirement is a guideline issued by the Bankers Association of the Philippines (BAP). We verified that the BAP is an independent association which is not owned or controlled by the government. Since the BAP operates independently of the government and the Central Bank, and the guidelines reflect its commercial considerations, we determine that the BAP's guideline on relaxed marginal deposits does not confer bounties or grants.

D. *Philippine Export and Foreign Loan Guarantee Corporation.* The petition alleges that the Phillippine Export and Foreign Loan Guarantee Corporation (PHILGUARANTEE) confers bounties or grants through guarantees lowering the cost of credit available for Phillippine exports. Through PHILGUARANTEE, the government of the Philippines guarantees both local and foreign banking and financial inistitutions against any loss that may be incurred in connection with the grant of loans or credit accommodations to Philippine exporters or producers of export products. In its response the government of the Philippines stated that PHILGUARANTEE provides guarantees on bid, performance and advance payment bonds, as well as working capital loans. We verified that guarantees are available from private institutions at the same charges as from PHILGUARANTEE. Thus, we determine that guarantees provided by PHILGUARANTEE do not confer bounties or grants.

E. *Development Bank Loans.* The petition alleges that loans are granted at preferential interest rates to companies producing the products under investigation by the Development Bank of the Philippines, a government-owned bank. The Development Bank can grant loans to any company in the agricultural or industrial sectors, to municipalites and individuals. We verified that in practice the loans are available without restriction, and that the loans are available without restriction, and that the bank granted loans to one tuna producer only on the basis of commercial considerations. Thus, we determine that loans from the Development Bank do not confer bounties or grants.

III. Programs Determined Not To Be Used

We have determined that the following programs which were identified in the notice of "Initiation of Countervailing Duty Investigation, Canned Tuna from the Philippines" are not being used by the manufacturers, producers, or exporters in the Philippines of canned tuna:

A. *Selected Articles of the Omnibus Investments Code.*

1. The petition alleges that Article 45(a) of the Code confers a bounty or grant. Under this article, all enterprises registered with the Board of Investments may deduct from taxable income all capitalized organizational and pre-operating expenses, over not more than ten years from the beginning of operations. We verified that none of the companies deduct organizational and pre-operating expenses under 45(a) of the Code. Those companies which did take a deduction for pre-operating expenses did so under the Philippine Bureau of Internal Revenue regulations.

2. The petition alleges that Article 45(c) of the Code confers a bounty or grant. Under this article, a registered enterprise may carry forward all net operating losses incurred in any of the first ten years of operation. Such losses may be carried forward for six years immediately following the year in which the loss was incurred, and may be deducted from taxable income. We verified that no company under investigation has deducted losses under this article.

3. The petition alleges that Article 45(d) of the code confers bounties or grants. Article 45(d) allows registered producers a tax exemption on imported capital equipment in the amount of 50 percent of the tariff duties and compensating tax payable on imported capital equipment and accompanying spare parts. Article 48(f) provides registered export producers with a similar exemption. Two producers did receive a tax exemption on imported capital equipment. We verified that they took this exemption under Article 48(f).

4. The petition alleges that Article 45(e) of the Code confers bounties or grants. Under Article 45(e) a registered enterprise which has purchased domestically produced equipment may take a tax credit equal to 100 percent of the value of compensating tax and customs duties that it would have paid had it imported the machinery, equipment and spare parts. We verified that none of the companies under investigation had taken this tax credit on domestically purchased capital equipment.

5. The petition alleges that Article 45(f) of the Code confers bounties or grants. This Article allows a registered enterprise to take a tax credit for taxes withheld on interest payments on foreign loans when no such credit is available to the lender-remittee in its own country and the registered enterprise has assumed the liability for payment of the tax due from the lender-

remittee. We verified that none of the companies under investigation claimed a tax credit under this program.

6. The petition alleges that Article 45(l) of the Code confers bounties or grants. Article 45(l) allows registered enterprises to deduct from taxable income 50 percent of all expenses for labor training incurred for upgrading the productivity and efficiency of unskilled labor, provided that such deduction does not exceed 10 percent of all direct labor wages for a given year. We verified that the companies under investigation had not used this program.

7. The petition alleges that Article 48(e) of the Code confers a bounty or grant. This Article allows a registered export producer an additional deduction from taxable income equal to one percent of the increase in its exports when it uses a new brand name that distinguishes its products from non-Philippine products. We verified that none of the companies used this program.

8. The petition alleges that Article 51 of the Code confers bounties or grants. This article provides for financial assistance to registered enterprises through the preferential granting of government loans. The government of the Philippines responded that Article 51 of the Code merely sets forth a policy that government financial institutions should accord priority to applications for financing made by Board-registered firms. However, this policy is not binding on either government or other financial institutions. We verified that the Article 51 policy is not always followed in practice. In addition, there is no evidence on the record that any company had access to loans as a result of this Article.

9. The petition alleges that Article 52 of the Code confers bounties or grants. Article 52 provides for financial assistance to registered enterprises through preference for private financial assistance. It also authorizes the Insurance Commissioner to allow insurance companies to invest in new issues of stock of registered enterprises. In their responses the companies stated they had not received any preferential loans. We verified that none of the outstanding company stock was held by any insurance companies.

10. The petition alleges that Article 53 of the Code confers bounties or grants. Article 53 provides for financial assistance to employees of registered enterprises through government loans for the purchase of shares of stock in registered enterprises, at a rate not to exceed six percent per annum. We found no evidence of any use of this program at verification.

11. The petition alleges that Article 54 of the Code confers bounties or grants. This Article provides for the creation of an Institute of Export Development which promotes exports by providing government-funded assistance. The government of the Philippines responded and we verified that the Institute of Export Development has not been operational in the last three years. It further stated that the tuna producers never received any assistance from the Institute. The companies responded that they had not received any assistance from ithe Institute.

B. *Export Credit Insurance and Guarantee Corporation.* The petition alleges the government of the Philippines confers bounties or grants through the Export Credit Insurance and Guarantee Corporation which issues insurance policies and certificates of guarantee against credit risks arising out of or in connection with export transactions. The government of the Philippines responded and we verified that although the corporation was established, it has never become operational.

Petitioner's/Domestic Industry's Comments

Comment 1

Article 45 of the Code is a countervailable domestic bounty or grant because it is not generally available to all firms similarly situated. The list of preferred areas of economic activity entitled to investment incentives that constitute the Investment Priorities Plan ("The Plan") contains very few of the relevant "economic activities" included in either the Philippine Standard Industrial Code (PSIC) or the United Nations Standard International Trade Classification (UNSITC).

DOC Position

We have determined that the incentives of Article 45 of the Code are available to more than "a specific enterprise or industry, or group of enterprises or industries." The code does not by its terms limit availability to a specific group of enterprises or industries, and the Plan includes a large number of diverse industries. Therefore, neither the Code nor the Plan is a subsidy, as defined in Section 771(5) of the Act.

Comment 2

The incentives provided under the Code are countervailable export bounties or grants because the Code limits the incentives primarily to certain export-oriented industries listed in the Plan, the registration requirements for individual enterprises are export-oriented, and the Board uses export-oriented criteria in selecting projects to receive incentives under the Code.

DOC Position

Export promotion is an important consideration for the Board in the implementation of the provisions of the Code, but it does not appear to be the dominant consideration in the Board's designation of each "preferred area of investment" in the Plan, or in its registration of each "registered enterprise" or each project to receive incentives. We have determined that incentives under portions of Articles 48 and 49 are export subsidies, because they are given contingent upon export performance (only to "registered export producers" or registered export traders") and because they stimulate export over domestic sales. In contrast, the programs under Article 45 of the Code have no such inherent limitations, and in practice the Board makes them available to firms with varying degrees of export capacity or none at all.

Comment 3

The Code incentives are countervailable because both the priority industry selection process for the Plan and the company registration and project approval process depends entirely on the subjective discretion of the Board.

DOC Position

We obtained a copy of the criteria used by Board to register companies under the Code. We found overall that the criteria are objective. While some criteria by necessity must be broad in order to be all encompassing and flexible, we found no instance of alleged "subjective" criteria.

Comment 4

The government of the Philippines enacted into law two new incentives in April 1983. These incentives were composed of two types of tax credits. The Department should include the use of these benefits in its calculations.

DOC Position

The government of the Philippines requires that firms registered with the Board under the Code must register again with Board to obtain the newly enacted tax credits. However, companies which elect to receive benefits under the 1983 law must renounce the benefits available under the old law. The Department verified that none of the tuna canners has

applied for registration under the 1983 law.

Comment 5

The Department should allocate tax benefits obtained by the tuna canners over the life of the plant and capital equipment for which they were received.

DOC Position

The Department allocates tax benefits received in the period of investigation to that period. Tax incentives provide a benefit to the extent that they reduce the firm's current tax liability. As such, this is a benefit which is realized on an annual basis.

Comment 6

The Department should countervail the use of accelerated depreciation since it is available only to firms registered with the Board of Investments for benefits available under Article 45 of the Code.

DOC Position

The Department found that one firm used accelerated depreciation under the authority of Article 45 of the Code during the period of investigation. In this case, the net benefit to that firm, however, was negative during the period of investigation.

Comment 7

The Department should countervail the use of tax deductions for preoperating and organizational expenses since they are available only to Board-registered firms.

DOC Position

In order for the Department to consider whether this program is a bounty or grant under Article 45, we would have to first determine that one or more tuna companies had taken such a deduction under that Article. None of the tuna firms in this investigation requested a tax deduction for preoperating and organizational expenses under the authority of the Code. They took this deduction under the authority granted by the Philippine Internal Revenue Code, which is generally available. Therefore, we determine that this program was not used.

Comment 8

The Department should countervail the food production credits available under Article 1.2 of the Central Bank Circular 784 concerning rediscounted loans, since by its very title only companies producing food are eligible.

DOC Position

Article 1.2 of the Central Bank Circular 784 codifies several earlier programs. Because of this, it is divided into two subsections: food production credits and credits for agricultural/industrial/commercial paper. We found that all industries have equal access to the loans offered in Article 1.2 without preference of one industry over another.

Comment 9

The Department used the wrong benchmark in comparing preferential loans to a national average rate. The Department should not consider the maximum legal rate of 18 percent. Instead, the Department should use a rate above the legal maximum because the banks in the Philippines normally charge above the legal maximum, generally in the range of 18 to 27 percent. While there is no documentary evidence to support this higher rate, bankers have admitted to the practice of increasing loans fees, etc., in order to increase the effective rate of short-term loans.

DOC Position

For short-term commercial loans the Department found no evidence of interest rates in excess of the legal maximum during the period of investigation. Because no statistics were available on a national average short-term interest rate, we calculated an average interest rate for the tuna canning industry. We calculated this rate by taking an average of all short-term loans other than export packing credits used by all of the tuna canning companies during the period of investigation.

Comment 10

The Department should use the current interest rates in existence today, not those prevalent during the period of investigation.

DOC Position

In determinating whether bounties or grants, have been conferred, we consider the situation of the companies and government during the period of investigation. In the event of an affirmative determination, the Department may consider relevant changes in circumstances since the period of investigation for the purpose of estimating the deposit rate.

Comment 11

The Department should countervail the zero percent marginal deposit rate that exporters pay on import letters of credit because this rate is set by the government, instead of by the BAP predicated on commercial consideration, and acts as a benefit to those exporters who first obtain permission from Board to import goods.

DOC Position

We verified that the BAP has the authority to set the marginal deposit rate on import letters of credit. While the Central Bank is a member of this association, it does not have authority to dicate the terms of these rates. We found that in fact, the BAP does issue guidelines for the marginal deposit rates and that some banks do not follow those guidelines. We found no evidence that the Central Bank either issued guidelines or attempted to enforce thosed guidelines issued by the BAP against those banks failing to adhere to them.

Comment 12

The Department should countervail loans given by the Development Bank of the Philippines, since it gives loans to less than creditworthy firms based on non-commercial considerations at interest rates lower than those given to its creditworthy customers or given by commercial banks.

DOC Position

The Bank is authorized by its charter to grant loans to a broad cross section of industries. The mere fact that it has extended loans to companies that are poor risks is not sufficient reason to countervail them. During the period that one tuna producer received loans from the DBP, the interest rates charged to that company were in line with those charged by the Bank to other creditworthy customers, based on commercial considerations. At that time the Bank was one of three banks in the Philippines that issued long-term loans. All three banks obtained their funds from the same source and re-lent the money at similar increments over their costs.

Comment 13

The Department should countervail the benefits given to Diamond Seafoods. Although Diamond has not yet begun operations, it is believed that Century Canning has bought a portion, if not all, of the company. Thus, the benefits accruing to Diamond should be attributed to its new owner, Century.

DOC Position

We verified that Century has no equity interest in Diamond Seafoods. Since Diamond has not produced or exported to the United States any tuna during the period of investigation, we

have not included any alleged benefits to it in our calculations.

Comment 14

The Department should countervail loan guarantees given by PHILGUARANTEE since they were not given at commercial rates and the interest rates for the loans in question would have been higher but for these guarantees.

DOC Position

We verified that PHILGUARANTEE has given its guarantees to firms at commercial rates. We compared its fees to those of several Philippine banks for guarantees of similar loans. Indeed, we found that commercial bank terms are in some respects less strict than those of PHILGUARANTEE.

Respondent's Comments

Comment 1

Assuming that Article 45 of the Code is generally available, it should be used as the benchmark for evaluating the provisions of Articles 48 and 49. In the event that a firm would have been entitled to a deduction in question under a generally available tax provision, then only the portion of the deduction which exceeds that generally available should be considered countervailable.

DOC Position

Programs available under Article 48(b) and 49(d) are provided in addition to programs generally available under other laws. Under Article 48(f) of the Code, the benefits were provided "under the same conditions" as the generally available benefits under Article 45(d). Since the latter program was incorporated by reference into the former program, we determined that the export subsidy is the additional amount of benefits available under Article 48(f) to registered export producers.

Comment 2

If the Department views accelerated depreciation as countervailable, it should call it a tax deferral and treat it as an interest-free loan. In addition, the Department should use "negative accelerated depreciation" as an offset to other benefits received from the Board.

DOC Position

We did not find any countervailable benefit accruing on accelerated depreciation during the period of investigation. While "negative accelerated depreciation" may be considered an offset by the respondents, it is not provided for in the Act. Therefore, we have not considered it.

Comment 3

The Department should take cognizance in its decision of any tax benefit which has been re-computed, revoked or otherwise modified.

DOC Position

See the Department's position concerning the petitioner's/domestic industry's comment ten.

Comment 4

The Department should calculate any *ad valorem* preferential loan benefits based upon U.S. market share of the benefit recipients.

DOC Position

We agree that the purpose of a countervailing duty investigation is to determine the subsidy amount (if any) on goods exported to the United States. Thus, the calculation of benefits received by a firm under investigation should take account of the ratio of exports to the U.S. to total exports or, in the case of domestic subsidies, total sales.

Comment 5

Neither section 1.2 nor 1.4 of the Central Bank Circular 784 confers bounties or grants within the meaning of the Act because they are not government directed. Any incentive given by the Central Bank to commercial banks as a result of rediscounting does not convey a subsidy to the tuna canners.

DOC Position

We found the loans granted under Article 1.2 to be generally available. Therefore, they are not countervailable and we have not included them in our calculations. Since the government, through the Central Bank, is responsible for the rediscounting program for export packing credits under Article 1.4, we deem the program to be government directed and to confer a bounty or grant merely because it is available solely to exporters.

A subsidy upon the exported merchandise exists to the extent that the program results, as here, in terms and conditions more favorable to the exporter than are otherwise available.

Comment 6

Even if Article 1.4 of Central Bank Circular 784 is countervailable, Article 1.2 is not because it is generally available to all agricultural and industrial firms and, therefore, should be used as the benchmark for any loans determined to be countervailable.

DOC Position

Normally we would use a national average interest rate as the benchmark to compare with preferential loans. The Philippines did not keep statistics for such a rate for the period of investigation. Therefore, we calculated a rate for the tuna canning industry as a whole. We used as our benchmark the average short-term interest rate for all loans other than export packing credits obtained by all the canned tuna producers during the period of investigation.

Comment 7

A loan taken during the investigatory period which remains outstanding after the end of the period should be considered only for the benefit bestowed during the period.

DOC Position

In order to facilitate computation of the countervailable benefit on short-term export packing credits, we have ignored the portion of 1981 loans falling into 1982 and, instead, taken the full amount of all loans obtained in 1982, even if they were not paid until 1983.

Verification

In accordance with section 776(a) of the Act, we verified the data used in making our final determination. During this verification, we followed normal procedures, including meetings with government officials and on-site inspection of the records and operations of the appropriate government agencies and tuna companies.

Suspension of Liquidation

The suspension of liquidation ordered in our preliminary affirmative determination shall remain in effect until further notice. The net bounty or grant for duty deposit purposes is 0.72 percent *ad valorem* for each manufacturer, producer or exporter.

As required by section 706(a)(3), we are directing the United States Customs Service to require a cash deposit in the amount indicated above for each entry of the subject merchandise entered or withdrawn from warehouse, for consumption, on or after the date of publication of this notice in the **Federal Register**, and to assess countervailing duties in accordance with sections 706(a)(1) and 751 of the Act. The net bounties or grants for the period we are measuring subsidization are smaller than the 1.30 percent *ad valorem* bounty or grant preliminarily determined. Therefore, according to section 707(a)(2) of the Act, if the amount of the cash deposit or bond required as security for

an estimated countervailing duty under section 703(d)(2) is different from the amount determined under this countervailing duty order, then the difference shall be refunded or released, to the extent that the cash deposit or bond or other security is lower than the duty under the order.

Administrative Procedures

The Department has afforded interested parties an opportunity to present their views in accordance with its regulations (19 CFR 355.34(a)). Oral and written views have been received and considered.

The Department intends to conduct an administrative review within 12 months of publication of this determination as provided in section 751 of the Act.

This notice is published pursuant to section 303 and 706 of the Act (19 U.S.C. 1303, 1671e).

Dated: October 24, 1983.

William T. Archey,

Acting Assistant Secretary for Trade Administration.

[FR Doc. 83-29529 Filed 10-28-83; 8:45 am]

BILLING CODE 3510-DS-M

[C-508-064]

Fresh Cut Roses From Israel; Preliminary Results of Administrative Review of Countervailing Duty Order

AGENCY: International Trade Administration, Commerce.

ACTION: Notice or Preliminary Results of Administrative Review of Countervailing Duty Order.

SUMMARY: The Department of Commerce has conducted an administrative review of the countervailing duty order on fresh cut roses from Israel. The review covers the period October 1, 1980 through September 30, 1981. As a result of the review, the Department has preliminarily determined the net subsidy to be 27.94 percent *ad valorem.* Interested parties are invited to comment on these preliminary results.

EFFECTIVE DATE: October 31, 1983.

FOR FURTHER INFORMATION CONTACT: Laura Kneale or Alan Long, Office of Compliance, International Trade Administration, U.S. Department of Commerce, Washington, D.C. 20230; telephone: 202, 377-2786.

SUPPLEMENTARY INFORMATION:

Background

On August 12, 1983, the Department of Commerce ("the Department") published in the **Federal Register** (48 FR 36635) the final results of its last administrative review of the countervailing duty order on fresh cut roses from Israel (45 FR 58516, September 4, 1980) and announced its intent to conduct the next administrative review. The Department has now conducted that review.

Scope of the Review

Imports covered by the review are shipments of Israeli fresh cut roses. Such merchandise is currently classifiable under item 192.1800 of the Tariff Schedules of the United States Annotated. The review covers the period October 1, 1980 through September 30, 1981 which is the exporting year for roses. The Department reviewed the programs found countervailable in the previous administrative review and three additional programs which we preliminarily determine to be countervailable.

Analysis of Programs

The Israeli government did not respond to the Department's questionnaire covering the current review period. Therefore, we calculated the benefits from the following countervailable programs using the best information available. Sources include information collected during the previous administrative review and published documents.

1. The Encouragement of Capital Investments Law ("the ECIL")

The purpose of the ECIL is to promote certain national objectives, including exporting, through the use of various financial and fiscal incentives. To become eligible for these benefits, individual enterprises must apply for government approval of each investment project.

Rose growers have not been approved for ECIL benefits. Two rose exporters and eight packing houses were approved as of the previous period of review.

For the current period of review, the following benefits were provided under the ECIL:

A. Five-year exemption from payment of ⅔ of the property tax on buildings. This program was repealed effective June 1978. For the period of review, benefits accrued only to those enterprises approved prior to repeal. Further, the Israeli government abolished all property taxes on buildings in April 1981. Therefore, during the period of review, approved enterprises received benefits from this program for six months.

We calculated the benefit under this program by multiplying the property value of each approved enterprise by one-half of the reduction in the property tax rate. To calculate the benefit to roses, we multiplied total tax savings by the ratios of rose to flower exports during the 1979/80 season, and divided this amount by estimated rose exports during the 1980/81 season. Based on this calculation, we preliminarily determine a benefit of 0.02 percent *ad valorem* for the period of review.

Further, we preliminarily determine that the countervailing duty cash deposit rate should not incorporate an amount for this program since future entries will not benefit from such tax savings.

B. Ten-year exemption from ⅓ of the property tax on stock and machinery/equipment. This program was also repealed in June 1978. The same enterprises which were eligible for benefits under the five-year exemption were eligible for benefits under this program during the period of review.

We have no information on the value of equipment for approved enterprises during the review period. We used as the best information available the amount of tax savings under this program during the 1979/80 period. To calculate the subsidy rate on roses, we multiplied total tax savings by the ratios of total rose to flower exports during the 1979/80 season, and divided this amount by estimated total rose exports during the current review period. Based on this calculation, we preliminarily determine a benefit of 0.01 percent *ad valorem* for the 1980/81 season. This is also the estimated *ad valorem* benefit for duty deposit purposes.

C. Investment grants based on the cost of property and/or machinery/equipment of an approved project. Since 1977, seven enterprises involved in exporting roses have received cash grants under these programs. In computing the benefit during the previous administrative review, we employed the grant methodology set out in Appendix 2 to the notice of "Affirmative Countervailing Duty Determination" on certain steel products from Belgium (47 FR 39304, 39316; August 24, 1982) ("Appendix 2"). In accordance with this methodology, we calculated the present value allocation of all grants received since 1977.

The benefit under this program in the current review period is the sum of the present value allocation of all past grants calculated for the previous review and the present value allocation of any grants received during the current review period. To estimate the amount of grants provided during the current review period, we used as best evidence the highest aggregate grant amount provided to the companies in previous years.

We multiplied the benefit for the current review period by the ratio of total rose to flowers exports to account for the portion attributable to roses, and then divided by total estimated rose exports in 1980/81. Based on this calculation, we preliminarily determine a rate of benefit of 0.37 percent *ad valorem* for the review period. This is also the estimated *ad valorem* benefit for duty deposit purposes.

D. Accelerated depreciation of buildings and machinery/equipment and,

E. Direct reductions in company tax rates and exemption from income taxes. Under the first program, machinery and equipment of an approved project may be depreciated at twice the ordinary rate set by Israeli Income Tax Rules and buildings may be depreciated at 4 times the normal rate. The second program allows for reductions in the company tax rate and exemption from income taxes.

Because final calculation of income taxes can only be made after the close of an accounting year, the amount of the benefit cannot be knowable or calculable during the same accounting year, here the exporting season. Therefore, for the 1980/81 review period, we have used the calculable tax savings for the 1979/80 tax year.

In computing the benefit rate on these programs, we looked first to whether the enterprise benefitted from accelerated depreciation through reduced taxable income and, hence, lower taxes paid. We then looked to the tax savings attributable to the reductions/exemptions. For those firms for which we do not have 1979/80 income tax data, we used the highest tax savings calculated for the other firms as the best information available.

We summed the tax savings amounts for each enterprise and multiplied that total by the ratio of rose to flower exports in 1979/80 to find the portion attributable to roses. We then divided this figure by estimated rose exports for 1980/81 and found an *ad valorem* benefit of 0.26 percent for the review period. This is also the estimated *ad valorem* benefit for duty deposit purposes.

F. "Drawback" Grants. The stated intention of this program is to rebate customs duties on imported materials used for investment in an approved enterprise. Grant awards are based on a fixed percentage of investment. Since 1978, only one packing house, Bickel, has received an award. The ECIL project approvals of the other packing houses state that they are not eligible to receive these grants. Because of the infrequency of use of the program, we have not assumed new grants during 1980/81.

The value of the subsidy is the annual present value allocation of the grant as calculated during the 1979/80 review. We preliminarily determine the rate of benefit to be 0.01 percent *ad valorem* for the 1980/81 review period. This is also the estimated *ad valorem* benefit for duty deposit purposes.

2. Government-Guaranteed Minimum Price Program

Funds provided under this program are awarded as year-end, lump sum payments. These payments are based on claims by accountants submitted to the Ministry of Agriculture ("the MOA") after the close of the exporting season. Thus, the benefits from the program are enjoyed in the succeeding export year. During the previous review, only the Flower Board (the major association of flower growers) submitted a claim for payment.

During the current review period, the Flower Board did not receive final payment for the 1979/80 season. Therefore, we preliminarily determine that there was no subsidy under this program during the period of review.

The estimated benefit for duty deposit purposes is the amount of payments received during the 1981/82 review period, which is the most recent period for which we have information. These 1981/82 payments are comprised of the difference between the final payment claim for 1978/79 and the advance payment received in March 1980, plus the payment for the claimed amount for the 1979/80 export year. To find the *ad valorem* rate of subsidy we divided this amount by the estimated value of total rose exports in 1980/81. We preliminarily determine that the *ad valorem* benefit for duty deposit purposes is 0.38 percent.

3. Preferential Short-term Financing

During the period of review, the Bank of Israel (the Israeli Central Bank) provided preferential short-term financing through three export credit funds: the Export Production Fund (for working capital loans); the Imports-for-Export Fund (to finance imported materials used for export production); and the Export Shipments Fund (for accounts receivable).

A. Export Production Fund. These are local currency loans. Therefore, the commercial benchmark is the published effective rate for overdraft accounts. In contrast to our last review, the effective rate now includes the average interest charged on withdrawals above credit ceilings, determined by the Bank based on the actual frequency of such excess withdrawals. The differential between the commercial rate and the average of the published preferential interest rates prevailing during the 1980/81 period is 138 percent.

The Bank of Israel determines maximum eligibility for these loans using a rate-of-credit formula. The rate-of-credit formula is based on three factors: a value-added rate, a turnover rate, and a rate-of-financing ratio based on the dollar/shekel exchange rate. In the first review, we found that rose exporters used the entire amount of credit available under this program. Further, eligibility is usually adjusted based on the current year's export performance. Therefore, we estimated the amount of credit available to exporters by multiplying 1980/81 rose exports by the rate-of-credit formula.

Multiplying the estimated level of credit by the published interest rate differential for the review period and dividing by estimated 1980/81 total rose exports, we preliminarily find an *ad valorem* benefit for the review period of 18.89 percent.

The Bank's 1981 Annual Report states that the rate-of-financing ratio used to calculate eligibility under this program was reduced in September 1981. We revised our rate-of-crefit formula and multiplied it by the published interest rate differential prevailing in the last quarter of 1981, and found an *ad valorem* subsidy for duty deposit purposes of 15.78 percent.

B. Imports-for-Export Fund. These are dollar-denominated loans. Therefore, the commercial benchmark is the sum of the published interest rate on dollar loans in Israel and the surcharge on foreign currency borrowing (see our notice of preliminary and final results of the last administrative review). In the first review, we found that rose exporters used the entire amount of credit available under this program. We calculated the benefit from this program by multiplying the rate-of-credit eligibility associated with this Fund by the 25.62 percent differential between the average of the published preferential interest rates for these loans and the commercial benchmark. We preliminarily determine the benefit from this program to be 0.37 percent *ad valorem*.

The Bank's 1981 Annual Report indicates that the rate-of-credit eligibility for this program was reduced on October 1981 and, as described in our last review, the Bank has phased out most of the surcharge. As a result, we estimate an *ad valorem* rate for duty deposit purposes of 0.31 percent.

C. Export Shipments Fund. Unlike the other two funds, financing under the Export Shipments Fund is not based on an annual line of credit. Rather, loans are granted based on a specified percentage of the value appearing on the customs documents of the individual shipment to be financed. Maximum eligibility was set at 80 percent of the shipment value in October 1980. Because exporters do not use this program to finance all shipments, we calculated a loan use rate of 21 percent for this program based on data from the previous review period.

These are dollar-denominated loans. Therefore, the commercial benchmark again is the sum of the published interest rate on dollar loans in Israel and the surcharge on foreign currency borrowing. The differential between the commercial rate and the average published interest rate for this program during the period of review is 24.57 percent. Multiplying the interest differential by the loan use rate and prorating this value by the 190-day maximum term for these loans, we preliminarily determine an *ad valorem* benefit for the period of review of 2.68 percent.

Since April 1982, loans under this fund have been charged market interest rates. Consequently, the only remaining benefit provided by this program is exemption from the one percent surcharge on foreign currency loans. We therefore estimate a benefit for duty deposit purposes of 0.11 percent *ad valorem*.

4. Government Funding of AGREXCO

The MOA provided AGREXCO with funds to finance the expansion of its terminal at Ben Gurion Airport in 1978/79 and 1979/80. The Government of Israel maintains that these funds were purchases of equity in AGREXCO. However, in our last review, the Israeli government did not provide sufficient evidence to support this contention.

We therefore converted these infusions to dollars at the prevailing exchange rates and treated them as investment grants, allocating them over eight years as the useful life of the facilities. Because of the infrequency of these infusions, we have assumed no new funding during 1980/81. The benefit from these funds in the current review period is the sum of the annual present value allocation of each grant, multiplied by the portion of both grants attributable to rose exports. We estimate a benefit for the 1980/81 review period of 0.15 percent *ad valorem*. This is also the estimated *ad valorem* benefit for duty deposit purposes.

5. Cash Payments to Growers for Greenhouses

The MOA awards grants to flower growers for the establishment and/or expansion of greenhouses. In the last administrative review, we calculated the benefit by allocating all grants received since 1975/76 over a useful/life of twenty years, using the methodology of Appendix 2. The estimated benefit for the current review period is the sum of the present value allocations of previous years' grants, and the present value allocation of estimated grants for 1980/81. To estimate the amount of grants provided during the current review period, we used as best evidence the highest aggregate grant amount provided to growers in previous years. We preliminarily determine the *ad valorem* benefit for the current review period to be 1.24 percent. This is also the estimated benefit for duty deposit purposes.

6. Cash Payments to Packing Houses

Under this program, the MOA provides grants to packing houses for investment in buildings and machinery/equipment. In the 1979/80 review, we computed the subsidy amount using the methodology of Appendix 2. The estimated benefit for the current review period is the sum of the present value allocations of previous years' grants, and the present value allocation of estimated grants for 1980/81. To estimate the amount of grants provided during the current review period, we used as best evidence the highest aggregate grant amount providing to packing houses in previous years. We preliminarily determine that the amount of benefit bestowed during the period of review is 0.33 percent *ad valorem*. This is also the estimated benefit for duty deposit purposes.

7. Cash Payments From the Export Promotion Fund

The MOA provides cash grants to exporters to compensate for export expenses, such as advertising, merchandising and public relations. These payments are based on exports to specific countries of all flowers. During the 1979/80 review, AGREXCO was the only recipient of these funds. We calculated the *ad valorem* benefit for the current review by multiplying the amount received by AGREXCO in 1980/81 (obtained during verification in the last review) by 26 percent, which is the percentage by value of AGREXCO's rose to flower exports to the United States, and dividing by total exports of roses to the U.S. during 1980/81. On this basis, we have preliminarily found an *ad valorem* benefit of 0.64 percent. This is also the estimated benefit for duty deposit purposes.

8. Programs Not Previously Found Countervailable

In our questionnaire, we requested information on six programs, three of which were not reviewed in the 1979/80 administrative review. For the three others, we found no evidence to indicate that these programs were used during that review period. These programs are: export insurance premiums, exchange rate insurance, and government support of the Flower Board. The programs for which we have evidence of countervailable benefits are: fuel grants to rose growers, long-term loans granted to AGREXCO, and a capital fund for AGREXCO.

A. Fuel Grants to Rose Growers. In 1982 the Israeli Institute for Farm Research published a survey on the profitability of rose production in the 1980/81 season. This study states that gross income for rose growers included grants for fuel expenses, and interest savings on low-cost credit. In the absence of information, we assumed that this program is preferential. We calculated that *ad valorem* benefit by dividing the aggregate amount of the grants and interest savings reported in the survey by total rose exports (as best evidence of production) in 1980/81. Based on this calculation, we preliminarily determine the benefit to be 2.92 percent *ad valorem*. This is also the estimated benefit for duty deposit purposes.

B. Long-term Loans Granted to AGREXCO. AGREXCO's 1979/80 financial report, obtained during the previous review, lists its long-term loans. Comparing the interest rates on all but two of the listed loans (the other two were consistent with commercial terms) with the commercial interest rate for long-term credit published in the Bank of Israel's 1981 Annual Report, we found lower interest rates on most of AGREXCO's loans. In the absence of other information, we assumed that these loans are not generally available.

AGREXCO's financial statement lists the aggregate amount of principal due on its long-term loans in 1981. Because we have no information on the terms of individual loans, however, we cannot construct comparable commercial benchmark rates. Therefore, we cannot use the present value allocation methodology for long-term loans outlined in Appendix 2. To estimate the benefit from these loans during the current review period, we multiplied the weighted-average interest rate

differential by the principal amount due in 1981. Based on this calculation, we preliminarily find an *ad valorem* benefit of 0.04 percent. This is also the estimated benefit for duty deposit purposes.

C. Capital Fund for AGREXCO. AGREXCO's 1979/80 financial statement shows that a capital fund for AGREXCO was created from MOA investment grants. In the absence of information concerning the terms and conditions associated with this fund, we allocated the entire grant installment to the current period of review. We preliminarily determine the *ad valorem* benefit to be 0.01 percent. This is also the estimated benefit for duty deposit purposes.

Preliminary Results of Review

As a result of the review, we preliminarily determine the aggregate net subsidy to be 27.94 percent *ad valorem* for the period of review. The Department intends to instruct the Customs Service to assess countervailing duties of 27.94 percent of the f.o.b. invoice price on all shipments exported on or after October 1, 1980 and on or before September 30, 1981.

As provided for by section 751(a)(1) of the Tariff Act of 1930 ("the Tariff Act"), the Department intends to instruct the Customs Service to collect a cash deposit of estimated countervailing duties of 22.56 percent of the f.o.b. invoice price on all shipments of this merchandise entered, or withdrawn from warehouse, for consumption on or after the date of publication of the final results of this administrative review. This deposit requirements shall remain in effect until publication of the final results of the next administrative review.

Interested parties may submit written comments on these preliminary results within 30 days of the date of publication of this notice and may request disclosure and/or a hearing within 10 days of the date of publication. Any hearing, if requested, will be held 45 days after the date of publication or the first workday thereafter. Any request for an administrative protective order must be made no later then 5 days after the date of publication. The Department will publish the final results of this administrative review including the results of its analysis of issues raised in any such written comments or at a hearing.

This administrative review and notice are in accordance with section 751(a)(1) of the Tariff Act (19 U.S.C. 1675(a)(1)) and section 355.41 of the Commerce Regulations (19 CFR 355.41).

Dated: October 25, 1983.

Alan F. Holmer,

Deputy Assistant Secretary for Import Administration.

[FR Doc. 83-29535 Filed 10-28-83; 8:45 am]

BILLING CODE 3510-DS-M

Consolidated Decision on Applications for Duty-free Entry of Accessories for Foreign Instruments; Robert B. Brigham Hospital, et al.

The following is a consolidated decision on applications for duty-free entry of accessories for foreign instruments pursuant to Section 6(c) of the Educational, Scientific and Cultural Materials Importation Act of 1966 (Pub. L. 89-651, 80 Stat. 897) and the regulations issued pursuant thereto (15 CFR Part 301). (See especially § 301.5(f).)

A copy of the record pertaining to each of the applications in this consolidated decision is available for public review between 8:30 A.M. and 5:00 P.M. in Room 1523 of the Department of Commerce Building, 14th and Constitution Avenue, NW., Washington, D.C. 20230.

Docket No.: 83-164. Applicant: Robert B. Brigham Hospital, A Division of Brigham & Women's Hospital, Seeley G. Mudd Bldg., Room 504, 250 Longwood Ave., Boston, MA 02115. Instrument: LKB 14800-3 Cryokit for Ultramicrotome complete with Accessories. Manufacturer: LKB Instruments, Inc., Sweden. Intended use of instrument: See notice on page 16310 in the **Federal Register** of April 15, 1983. Advice submitted by: National Institutes of Health: July 20, 1983.

Docket No.: 83-225. Applicant: Cornell University, Knight Laboratory, Ithaca, N.Y. 14853. Instrument: Diffraction Attachment of VGHB5 STEM. Manufacturer: VG Microscopes Ltd., United Kingdom. Intended use of instrument: See notice on page 36505 in the **Federal Register** of August 11, 1983. Advice submitted by: National Bureau of Standards: September 27, 1983.

Comments: No comments have been received with respect to either of the foregoing applications.

Decision: Applications approved. No instruments or apparatus of equivalent scientific value to the foreign instruments, for the purposes for which the instruments are intended to be used, is being manufactured in the United States.

Reasons: The applications relate to compatible accessories for instruments that have been previously imported for the use of the applicant institutions. The instruments are being manufactured by the manufacturer which produced the instruments with which they are intended to be used. We are advised by the National Institutes of Health and the National Bureau of Standards in their respectively cited memoranda that the accessories are pertinent to the applicant's intended uses and that they know of no comparable domestic accessories.

The Department of Commerce knows of no similar accessories manufactured in the United States which are interchangeable with or can be readily adapted to the instrument with which each accessory is intended to be used.

(Catalog of Federal Domestic Assistance Program No. 11.105, Importation of Duty-Free Educational and Scientific Materials)

Frank W. Creel,

Acting Director, Statutory Import Programs Staff.

[FR Doc. 83-29531 Filed 10-28-83; 8:45 am]

BILLING CODE 3510-DS-M

Consolidated Decision on Applications for Duty-free Entry of Electron Microscopes; Brown University, et al.

The following is a consolidated decision on applications for duty-free entry of electron microscopes pursuant to Section 6(c) of the Educational, Scientific, and Cultural Materials Importation Act of 1966 (Pub. L. 89-651, 80 Stat. 897) and the regulations issued pursuant thereto (15 CFR Part 301).

A copy of the record pertaining to each of the applications in this consolidated decision is available for public review between 8:30 AM and 5:00 PM in Room 1523, Statutory Import Programs Staff, U.S. Department of Commerce, 14th and Constitution Avenue, NW., Washington, D.C. 20230.

Docket No.: 83-305. Applicant: Brown University, Providence, R.I. 02912. Instrument: Electron Microscope, EM 410G and Accessories. Manufacturer: Philips Electronic Instruments, The Netherlands. Intended use of instrument: See notice on page 44099 in the **Federal Register** of September 27, 1983. Application received by Commissioner of Customs: September 14, 1983.

Docket No.: 83-306. Applicant: Trustees of Boston University, 881 Commonwealth Avenue, Boston, MA 02215. Instrument: Electron Microscope, EM 410LS and Accessories. Manufacturer: N.V. Philips, The Netherlands. Intended use of instrument: See notice on page 44099 in the **Federal Register** of September 27, 1983. Instrument ordered: August 18, 1983.

Docket No.: 83-307. Applicant: Hillcrest Baptist Medical Center, Department of Pathology, 3000 Herring

Avenue, Waco, TX 76708. Instrument: Electron Microscope, EM 109 and Accessories. Manufacturer: Carl Zeiss, West Germany. Intended use of instrument: See notice on page 44099 in the **Federal Register** of September 27, 1983. Instrument ordered: June 10, 1983.

Comments: No comments have been received with respect to any of the foregoing applications.

Decision: Applications approved. No instrument or apparatus of equivalent scientific value to the foreign instrument, for such purposes as these instruments are intended to be used, was being manufactured in the United States at the time the instruments were ordered.

Reasons: Each foreign instrument to which the foregoing applications relate is a conventional transmission electron microscope (CTEM). The description of the intended research and/or educational use of each instrument establishes the fact that comparable CTEM is pertinent to the purposes for which each is intended to be used. We know of no CTEM which was being manufactured in the United States either at the time of order of each instrument described above or at the time of receipt of application by the U.S. Customs Service.

The Department of Commerce knows of no other instrument or apparatus of equivalent scientific value to any of the foreign instruments to which the foregoing applications relate, for such purposes as these instruments are intended to be used, which was being manufactured in the United States either at the time of order or at the time of receipt of application by the U.S. Customs Service.

(Catalog of Federal Domestic Assistance Program No. 11.105, Importation of Duty-Free Educational and Scientific Materials)

Frank W. Creel,

Acting Director, Statutory Import Programs Staff.

[FR Doc. 83-29532 Filed 10-28-83; 8:45 am]

BILLING CODE 3510-DS-M

Notice of Decision on Application for Duty-free Entry of Scientific Instrument; Columbia University

The following is a decision on an application for duty-free entry of a scientific instrument pursuant to Section 6(c) of the Educational, Scientific, and Cultural Materials Importation Act of 1966 (Pub. L. 89-651, 80 Stat. 897) and the regulations issued pursuant thereto (15 CFR Part 301).

A copy of the record pertaining to this decision is available for public review between 8:00 AM and 5:00 PM in Room 1523, Statutory Import Programs Staff, U.S. Department of Commerce, 14th and Constitution Avenue, NW., Washington, D.C. 20230.

Docket No. 83-243. Applicant: Columbia University, Department of Applied Physics, 520 W. 120th St., Rm. 213 S.W. Mudd, New York City, N.Y. 10027. Instrument: CO_2 Laser Amplifier (High Power), Model K-921 and Accessories. Manufacturer: Lumonics Research Ltd., Canada. Intended use of instrument: See notice on page 33508 in the **Federal Register** of July 22, 1983.

Comments: No comments have been received with respect to this application.

Decision: Application approved. No instrument or apparatus of equivalent scientific value to the foreign instrument, for such purposes as this instrument is intended to be used, is being manufactured in the United States.

Reasons: The foreign instrument provides very high pulse amplification (15 Megawatt level). The National Bureau of Standards advises in its memorandum dated September 20, 1983 that (1) the characteristic of the foreign instrument described above is pertinent to the applicant's intended purpose and (2) it knows of no domestic instrument or apparatus of equivalent scientific value to the foreign instrument for the applicant's intended use.

The Department of Commerce knows of no other instrument or apparatus of equivalent scientific value to the foreign instrument, for such purposes as this instrument is intended to be used, which is being manufactured in the United States.

(Catalog of Federal Domestic Assistance Program No. 11.105, Importation of Duty-Free Educational and Scientific Materials)

Frank W. Creel,

Acting Director, Statutory Import Programs Staff.

[FR Doc. 83-29530 Filed 10-28-83; 8:45 am]

BILLING CODE 3510-DS-M

Applications, for Duty-Free Entry of Scientific Instruments; Lenox Hill Hospital, et al.

The following are notices of the receipt of applications for duty-free entry of scientific instruments published pursuant to Section 6(c) of the Educational, Scientific and Cultural Materials Importation Act of 1966 (Pub. L. 89-651; 80 Stat. 897) and the regulations issued pursuant thereto (15 CFR Part 301).

Interested persons may present their views with respect to the question of whether an instrument or apparatus of equivalent scientific value for the purposes for which the instrument is intended to be used is being manufactured in the United States.

Comments must be filed in accordance with § 301.5(a) (3) and (4) of the regulations. They are to be filed in triplicate with the Director, Statutory Import Programs Staff, U.S. Department of Commerce, Washington, D.C. 20230, within 20 calendar days after the date on which this notice of application is published in the **Federal Register.**

A copy of each application is on file in the Department of Commerce, and may be examined between 8:30 A.M. and 5:00 P.M., Monday through Friday, Room 1523, 14th and Consitution Avenue, NW., Washington, D.C. 20230.

Docket No.: 83-191. Applicant: Lenox Hill Hospital, 100 East 77th Street, New York, NY 10021. Instrument: Endoscopic Ultra-Sonic Lithotrite. Manufacturer: Karl Storz GmbH, West Germany. Intended use of instrument: Treatment of patients with kidney stones by application of ultra-sonic waves which pulverize these stones for removal by suction. Application received by Commissioner of Customs: September 28, 1983.

Docket No.: 83-324. Applicant: Wayne State University, Department of Chemistry, Detroit, MI 48202. Instrument: Gas Chromatograph Mass Spectrometer System MS80 and Accessories. Manufacturer: Kratos Analytical Instruments, United Kingdom. Intended use of instrument: Research:

1. High resolution mass spectrometry to determine elemental composition of synthesized or isolated chemical compounds.

2. Capillary gas chromatography/mass spectrometry for the separation and identification of low level components in complex environmental samples.

3. High mass mass spectrometry utilizing a Fast Atom Bombardment source to identify small proteins and other biological molecules that are large and labile.

Application received by Commissioner of Customs: October 7, 1983.

Docket No.: 83-325. Applicant: The University of Arizona, Optical Sciences Center, Tucson, AZ 85721. Instrument: Computer, 36MC consisting of: Four Processor POLYP system with a Mbyte global memory, 4 ea 256k Local Memory Boards, 4 ea Polybus Interface Boards, 4 ea. Double Nodes Power Supplies and System Housing. Manufacturer: University of Heidelberg, West Germany. Intended use of instrument: Research project for the development of automated, high speed systems for early

cancer detection. The experimental goals thus are to implement this experimental device, and test its performance for the stated purpose so that a final system configuration can be specified at the end of the three-year grant period. Application received by Commissioner of Customs: October 16, 1983.

(Catalog of Federal Domestic Assistance Program No. 11.105, Importation of Duty-Free Educational and Scientific Materials)

Frank W. Creel,

Acting Director, Statutory Import Programs Staff.

[FR Doc. 83-29533 Filed 10-28-83; 8:45 am]

BILLING CODE 3510-DS-M

Decision on Application for Duty-free Entry of Scientific Instrument; University of California

The following is a decision on an application for duty-free entry of a scientific instrument pursuant to Section 6(c) of the Educational, Scientific, and Cultural Materials Importation Act of 1966 (Pub. L. 89-651, 80 Stat. 897) and the regulations issued pursuant thereto (15 CFR Part 301).

A copy of the record pertaining to this decision is available for public review between 8:30 AM and 5:00 PM in Room 1523, Statutory Import Programs Staff, U.S. Department of Commerce, 14th and Constitution Avenue, NW., Washington, D.C. 20230.

Docket No.: 83-249. Applicant: University of California, Lawrence Livermore National Laboratory, 7000 East Avenue, Livermore CA 94550. Instrument: 2 Microwave Oscillators. Manufacturer: Varian-Canada, Inc., Canada. Intended use of instrument: See notice on page 36505 in the **Federal Register** of August 11, 1983.

Comments: No comments have been received with respect to this application.

Decision: Application approved. No instruments or apparatus of equivalent scientific value to the foreign instruments, for such purposes as these instruments are intended to be used, are being manufactured in the United States.

Reasons: The foreign instruments provide microwave power at 70 and 140 gigahertz with peak power outputs of 1 and .2 kilowatts, respectively. The National Bureau of Standards advises in its memorandum dated September 26, 1983 that (1) the characteristics of the foreign instruments described above are pertinent to the applicant's intended purpose and (2) it knows of no domestic instruments or apparatus of equivalent scientific value to the foreign instruments for the applicant's intended use.

The Department of Commerce knows of no other instruments or apparatus of equivalent scientific value to the foreign instruments, for such purposes as these instrument's are intended to be used, which is being manufactured in the United States.

(Catalog of Federal Domestic Assistance Program No. 11.105, Importation of Duty-Free Educational and Scientific Materials.

Frank W. Creel,

Acting Director, Statutory Import Programs Staff.

[FR Doc. 83-29534 Filed 10-28-83; 8:45 am]

BILLING CODE 3510-DS-M

National Bureau of Standards

[Docket No. 30920-193]

Approved Interpretation for FIPS FORTRAN (FIPS PUB 69)

Correction

In FR Doc. 83-28290 appearing on page 48269 in the issue of Tuesday, October 18, 1983, make the following correction. In column three, paragraph seven should read "Effective date of interpretation: This interpretation is effective on November 17, 1983.".

BILLING CODE 1505-01-M

National Oceanic and Atmospheric Administration

Marine Mammal Permit; Makgae-Ree, et al.; Issuance

On August 25, 1983, Notice was published in the **Federal Register** (48 FR 38662), that an application had been filed with the National Marine Fisheries Service by the Seoul Grand Park Zoo, 55 Makgae-Ree, Gwachon-Myun Sheehung-Gun, Kyunggee-Do, Korea to obtain six (6) beached and stranded California sea lions *(Zalophus californianus)* and six (6) beached and stranded harbor seals *(Phoca vitulina)* for the purpose of public display.

Notice is hereby given that on October 21, 1983, and as authorized by the provisions of the Marine Mammal Protection Act of 1972 (16 U.S.C. 1361-1407) the National Marine Fisheries Service issued a Public Display Permit for the above activities to Seoul Grand Park Zoo subject to certain conditions set forth therein.

The Permit is available for review in the following offices:

Assistant Administrator for Fisheries, National Marine Fisheries Service, 3300 Whitehaven Street, NW., Washington, D.C.;

Regional Director, Northwest Region, National Marine Fisheries Service, 7600 Sand Point Way, NE, BIN C15700, Seattle, Washington 98115; and

Regional Director, Southwest Region, National Marine Fisheries Service, 300 South Ferry Street, Terminal Island, California 90731.

Dated: October 24, 1983.

Carmen J. Blondin,

Deputy Assistant Administrator for Fisheries Resource Management, National Marine Fisheries Service.

[FR Doc. 83-29432 Filed 10-28-83; 8:45 am]

BILLING CODE 3510-22-M

Marine Mammal Permit; Mystic, Marinelife Aquarium; Issuance

On May 10, 1983, Notice was published in the **Federal Register** (48 FR 20976) that an application has been filed with the National Marine Fisheries Service by Mystic Marinelife Aquarium, Mystic, Connecticut 06355, for a permit to take two (2) gray seals (*Halichoerus grypus)* for public display.

Notice is hereby given that on October 21, 1983, as authorized by the provisions of the Marine Mammal Protection Act of 1972 (16 U.S.C. 1361-1407), the National Marine Fisheries Service issued a permit for the above taking to Mystic Marinelife Aquarium, subject to certain conditions set forth therein.

The Permit is available for review in the following offices:

Assistant Administrator for Fisheries, National Marine Fisheries Service, 3300 Whitehaven Street, NW., Washington, D.C.; and

Regional Director, National Marine Fisheries Service, Northeast Region, 14 Elm Street, Federal Building, Gloucester, Massachusetts 01930.

Dated: October 24, 1983.

Carmen J. Blondin,

Deputy Assistant Administrator for Fisheries Resource Management, National Marine Fisheries Service.

[FR Doc. 83-29430 Filed 10-28-83; 8:45 am]

BILLING CODE 3510-22-M

Marine Mammal Premit; Mystic, Marinelife Aquarium; Issuance

On May 23, 1983, Notice was published in the **Federal Register** (48 FR 22976) that an application has been filed with the National Marine Fisheries Service by Mystic Marinelife Aquarium, Mystic, Connecticut 06355, for a permit to take two (2) beluga whales

(*Delphinapterus leucas*) for public display.

Notice is hereby given that an October 21, 1983, as authorized by the provisions of the Marine Mammal protection Act of 1972 (16 U.S.C. 1361–1407), the National Marine Fisheries Service issued a permit for the above taking to Mystic Marinelife Aquarium, subject to certain conditions set forth therein.

The Permit is available for review in the folloing offices:

Assistant Administrator for Fisheries, National Marine Fisheries Service, 3300 Whitehaven Street, NW., Washington, D.C.; and

Regional Director, National Marine Fisheries Service, Northeast Region, 14 Elm Street. Federal Building, Gloucester, Massachusetts 01930.

Dated: October 24, 1983.

Carmen J. Blondin,

Deputy Assistant Administrator for Fisheries Resource Management, National Marine Fisheries Service.

[FR Doc. 83-29431 Filed 10-28-83; 8:45 am]

BILLING CODE 3510-22-M

Marine Mammal Permit; National Marine Mammal Laboratory; Modification No. 2 to Permit No. 303

Notice is hereby given that pursuant to the provisions of § 216.33 of the Regulations Governing the Taking and Importing of Marine Mammals and § 222.26 of the regulations governing endangered species permits, Scientific Research Permit No. 303, issued to the National Marine Mammal Laboratory, Northwest and Alaska Fisheries Center, National Marine Fisheries Service, on August 29, 1980 (45 FR 59187), is modified to extend the period of authorized taking for three years.

Accordingly, Section B–3 is deleted and replaced by:

"3. This permit is valid with respect to the taking authorized herein until December 31, 1986.

This modification becomes effective upon publication in the **Federal Register.**

The Permit as modified and documentation pertaining to the modification are available for review in the following offices:

Assistant Administrator for Fisheries, National Marine Fisheries Service, 3300 Whitehaven Street, NW., Washington, D.C.; and

Regional Director, National Marine Fisheries Service, Alaska Region, P.O. Box 1668, Juneau, Alaska 99802.

Dated: October 24, 1983.

Carmen J. Blondin,

Deputy Assistant Administrator for Fisheries Resource Management, National Marine Fisheries Service.

[FR Doc. 83-29429 Filed 10-28-83; 8:45 am]

BILLING CODE 3510-22-M

COMMITTEE FOR THE IMPLEMENTATION OF TEXTILE AGREEMENTS

Amending the Export Visa Requirements for Certain Cotton and Man-made Fiber Apparel Products Produced or Manufactured in the Philippines

October 26, 1983.

The Chairman of the Committee for the Implementation of Textile Agreements (CITA), under the authority contained in E.O. 11651 of March 3, 1972, as amended, has issued the directive published below to the Commissioner of Customs to be effective on January 1, 1984. For further information contact Carl Ruths, International Trade Specialist, 202/377–4212.

Background

A CITA directive of November 21, 1979 established, effective on January 1, 1980, a new visa and exempt certification mechanism for cotton, wool, and man-made fiber textile and apparel products exported from the Philippines which are subject to the terms of the Bilateral Cotton, Wool, and Man-Made Fiber Textile Agreement of November 24, 1982, as amended, between the Governments of the United States and the Republic of the Philippines. (See 44 FR 63005)

At the request of the Government of the Republic of the Philippines, CITA is directing the U.S. Customs Service to deny entry to apparel products in Categories 335, 336, 337, 341, 342, 348, 352, 359, 635, 636, 637, 641, 642, 646, 648, 652, and 659, produced or manufactured in the Philippines and exported on and after January 1, 1984, for which the visas fail to specify the correct designation (T or NT) in the context of the correct category.

The U.S. Customs Service will classify the merchandise based on the T.S.U.S.A. designations established for these products. A list of the TSUSA numbers which identify the "T" apparel products in the foregoing categories according to designations is published as an enclosure to the letter to the Commissioner of Customs which follows this notice. Merchandise in the affected categories which has been exported before January 1, 1984 will not be denied entry, provided all previously established visa requirements have been met.

Walter C. Lenahan,

Chairman, Committee for the Implementation of Textile Agreements.

Committee for the Implementation of Textile Agreements

Commissioner of Customs,
Department of the Treasury, Washington, D.C. 20229

Dear Mr. Commissioner: This directive further amends, but does not cancel, the directive of November 21, 1979, which established a visa and exempt certification for certain cotton, wool, and man-made fiber textile products, produced or manufactured in the Philippines and exported on and after January 1, 1980.

Effective on January 1, 1984 and until further notice, the directive of November 21, 1979 is hereby further amended to require that the correct category requirement be amended in terms of cotton and man-made fiber textile products in Categories 335, 336, 337, 341, 342, 348, 352, 359, 635, 636, 637, 641, 642, 646, 648, 652, and 659 to require that the designation "T" or "NT" be included along with the category on the visa to correctly identify the merchandise. Effective on January 1, 1984, merchandise in the foregoing categories, exported on and after January 1, 1984, which does not include the proper "T" or "NT" designation, according to the T.S.U.S.A. assignments established for apparel products in these categories, should be denied entry. A list of the applicable T.S.U.S.A. numbers is enclosed. Merchandise in these categories which has been exported before January 1, 1984 should not be denied entry, provided all other previously established procedures have been met.

The Committee for the Implementation of Textile Agreements has determined that these actions fall within the foreign affairs exception to the rulemaking provisions of 5 U.S.C. 553.

Sincerely,

Walter C. Lenahan,

Chairman, Committee for the Implementation of Textile Agreements.

Enclosure

Category traditional (T) TSUSA numbers only TSUSA's

335: 376.5412, 383.0240, 383.0250, 383.2805, 383.2810, 383.2815, 383.3075, 383.0520, 383.0605, 383.0657, 383.3200, 363.3420, 383.3425, 383.3430, 383.3435, 383.3440, 383.3446, 383.3455, 383.3452, 383.3466, 383.4715, 383.5078, 383.5308, 791.7415
336: 383.0306, 383.0815, 383.2920, 383.4818, 383.4820, 383.4823
337: 383.0335, 383.0830, 383.5036, 383.5038, 383.5047
341: 383.0506, 383.4704, 383.4707, 383.4711
342: 383.0844, 383.5063, 383.5069, 383.5073
348: 383.0611, 383.0616, 383.2836, 383.4749, 383.4755, 383.4759, 383.4763
352: 378.0550, 378.0571, 378.1035, 378.2030
359: 383.0350, 383.0855, 383.3060, 383.5075
635: 383.8116, 383.8117
636: 383.2016, 383.2315, 383.8622, 383.9230

637: 383.2035, 383.2330, 383.8645, 383.9211
641: 383.2215, 383.9030
642: 383.8661, 383.9246
646: 383.1857, 383.8070
648: 383.1940, 383.2250, 383.8146, 383.9071
652: 378.6530
659: 383.2050, 383.2350, 383.8650, 383.9265
[FR Doc. 83-29537 Filed 10-28-83; 8:45 am]
BILLING CODE 3510-25-M

DEPARTMENT OF DEFENSE

Office of the Secretary

Privacy Act of 1974; Amendment to a Notice for a System of Records

AGENCY: Office of the Secretary, DoD.

ACTION: Amendment to a notice for a system of records.

SUMMARY: The Office of the Secretary of Defense proposes to amend the notice for a system of records subject to the Privacy Act of 1974. It is proposed to amend the notice to include a routine use to permit transfer of needed records to the Department of Justice for use in representing the Department of Defense in litigation.

The proposed amendment and the amended portion of the system notice are set forth below.

DATES: This system shall be effective November 30, 1983, unless comments are received which result in a contrary determination.

ADDRESS: Send comments to: William C. Goforth, Lt. Col., USAF, Staff Executive (Attorney), Defense Privacy Board c/o OSD Mail Room, Room: 3A-948, The Pentagon, Washington, DC 20301. Telephone: (202) 694-3027.

FOR FURTHER INFORMATION CONTACT: William C. Goforth, Lt. Col., USAF, Staff Executive (Attorney, Defense Privacy Board, c/o OSD Mail Room, Room: 3A-948, the Pentagon, Washington, DC 20301, Telephone: (202) 694-3027.

SUPPLEMENTARY INFORMATION: The Office of the Secretary of Defense notices for systems of records subject to the Privacy Act of 1974, as amended (Title 5 United States Code Section 55a) were published in the **Federal Register** on June 6, 1983 at 48 FR 25502.

M. S. Healy,
OSD Federal Register Liaison Officer, Department of Defense.
October 26, 1983.

Changes

DMRA&L10.0

SYSTEM NAME:

Equal Opportunity Complaint File

ROUTINE USES OF RECORDS MAINTAINED IN THE SYSTEM, INCLUDING CATAGORIES OF USERS AND THE PURPOSE OF SUCH USES:

Delete last paragraph and insert:

"Records in the system may be transferred to a DOD Component having the need to know in the performance of business. In addition, they may be transferred to any component of the Department of Justice that request them for the purpose of representing the Department of Defense in litigation to which the records are pertinent."

DMRA&L10.0

SYSTEM NAME:

Equal Opportunity Complaint File

* * * * *

ROUTINE USES OF RECORDS MAINTAINED IN THE SYSTEM, INCLUDING CATAGORIES OF USERS AND THE PURPOSES OF SUCH USES:

The purpose of the file is to cause action to be taken on discrimination complaints.

Office of the Deputy Assistant Secretary of Defense (Equal Opportunity and Safety Policy)-Used to answer queries concerning status or disposition of complaints, for assigning actions and reviewing actions on complaints, and for analyses of trends or patterns in discrimination complaints.

Records in the system may be transferred to a DoD Component having the need to know in the performance of business. In addition, they may be transferred to any component of the Department of Justice that requests them for the purpose of representing the Department of Defense in litigation to which the records are pertinent.

[FR Doc. 83-29504 Filed 10-28-83; 8:45 am]
BILLING CODE 3810-01-M

DEPARTMENT OF EDUCATION

Office of Bilingual Education and Minority Languages Affairs

Bilingual Education Act; State Educational Agency Projects for Coordinating Technical Assistance

AGENCY: Department of Education.

ACTION: Application Notice for New Projects for Fiscal Year 1984.

SUMMARY: Applications are invited for new projects under the Bilingual Education Act—State Educational Agency Projects for Coordinating Technical Assistance Program.

Authority for this program is contained in Section 721 of the Elementary and Secondary Education Act of 1965, as amended by the Education Amendments of 1978 (Pub. L. 95-561). (20 U.S.C. 3231)

This program issues awards to State educational agencies (SEAs) to assist SEAs in the coordination of technical assistance to programs of bilingual education assisted under the Bilingual Education Act within their States.

Closing date for transmittal of applications: An application must be mailed or hand delivered by January 13, 1984.

Applications delivered by mail: An application sent by mail should be addressed to the U.S. Department of Education, Application Control Center, attention: 84.003S, Washington, D.C. 20202.

Program information: An application will be approved for a project period of from one to three years.

Intergovernmental Review

On June 24, 1983, the Secretary published in the **Federal Register** final regulations (34 CFR Part 79, published at 48 FR 29158 *et seq.*) implementing Executive Order 12372 entitled "Intergovernmental Review of Federal Programs." The regulations took effect September 30, 1983.

This program is subject to the requirements of the Executive Order and the regulations in 34 CFR Part 79. The objective of Executive Order 12372 is to foster an intergovernmental partnership and a strengthened federalism by relying on State and local processes for State and local government coordination and review of proposed Federal financial assistance.

The Executive Order—

- Allows States, after consultation with local officials to establish their own process for review and comment on proposed Federal financial assistance;
- Increases Federal responsiveness to State and local officials by requiring Federal agencies to accommodate State and local views or explain why not; and
- Revokes OMB Circular A-95.

Transactions with nongovernmental entities, including State postsecondary educational institutions and federally recognized Indian tribal governments, are not covered by Executive Order 12372. Also excluded from coverage are research, development, or demonstration projects which do not have a unique geographic focus and are not directly relevant to the governmental responsibilities of a State or local government within that geographic area.

The following is the current list of States which have established a process, designated a single point of

contact, and have selected this program for review:

State

Arkansas	Northern Marianas Islands
Connecticut	Oklahoma
Indiana	Tennessee
Kentucky	Vermont
Missouri	Virginia
Nevada	
New Jersey	

Applicants which are governmental entities, including local educational agencies, should immediately get in touch with the appropriate State single point of contact to find out about and to comply with the State's process under the Executive Order. A list containing the single point of contact for each State is included in the application package for this program.

In States not listed above, State, areawide, regional, and local entities may submit comments directly to the Department.

All comments from single points of contact and all comments from State, areawide, regional, and local entities must be mailed or hand delivered by February 13, 1984 to the following address:

The Secretary, U.S. Department of Education, Room 4181, (84.003S) 400 Maryland Avenue, S.W., Washington, D.C. 20202. Telephone Number (202) 245-7913. (Proof of mailing will be determined on the same basis as applications.)

Please note that the above address is not the same address as the one to which the applicant submits its application. *Do not send applications to the above address.*

Available funds: The Continuing Resolution enacted by the Congress on October 1, 1983, effective through November 10, 1983, authorizes the funding level of $3,970,000 for this program for Fiscal Year 1984. Pending resolution of the final level of appropriations, applications are invited to allow sufficient time for their evaluation and for the completion of the grants process prior to the end of the fiscal year should funds become available.

An award to an SEA may not exceed five percent of the total amount paid under Part A of the Bilingual Education Act to local educational agencies in the State of the SEA in fiscal year 1983.

However, these estimates do not bind the U.S. Department of Education to a specific number of grants or to the amount of any grant unless that amount is otherwise specified by statute or regulations.

Application forms: Application packages are expected to be ready for mailing in November 1983. They will be mailed to each eligible State Educational Agency. A copy of the application package may be obtained by writing to the Office of Bilingual Education and Minority Languages Affairs, U.S. Department of Education (Room 421 Reporters Building), 400 Maryland Avenue, SW., Washington, D.C. 20202.

Applications must be prepared and submitted in accordance with the regulations, instructions, and forms included in the program information application package. However, the program information package is intended only to aid applicants in applying for assistance. Nothing in the program information package is intended to impose any paperwork, application content, reporting, or grantee performance requirement beyond those inposed under the statute and regulations.

The Secretary strongly urges that the narrative portion of the application not exceed 50 pages in length. The Secretary further urges that applicants not submit information that is not requested.

Applicable regulations: Regulations applicable to this program include the following:

(1) Regulations governing the State Educational Agency Projects for Coordinating Technical Assistance as proposed in 34 CFR Part 503. (Applications are being accepted based on the notice of proposed rulemaking for the State Educational Agency Projects for Coordinating Technical Assistance which is published in this issue of the **Federal Register**. If any substantive changes are made in the final regulations for this program, applicants will be given an opportunity to revise their applications.)

(2) The Education Department General Administrative Regulations, 34 CFR Parts 74, 75, 77, 78, and 79.

Further information: For further information contact the State Educational Agency Projects Application Coordinator, Office of Bilingual Education and Minority Languages Affairs, U.S. Department of Education (Room 421, Reporters Building), 400 Maryland Avenue, SW., Washington, D.C. 20202. Telephone (202) 245-2595.

(20 U.S.C. 3231)

(Catalog of Federal Domestic Assistance No. 84.003, Bilingual Education Act)

Dated: October 24, 1983.

Jesse M. Soriano,

Director, Office of Bilingual Education and Minority Languages Affairs.

[FR Doc. 83-29434 Filed 10-28-83; 8:45 am]

BILLING CODE 4000-01-M

Office of Postsecondary Education

Guaranteed Student Loan Program and PLUS Program

AGENCY: Department of Education.

ACTION: Notice of Special Allowances for Quarter Ending September 30, 1983.

SUMMARY: The Assistant Secretary for Postsecondary Education announces a special allowance to holders of eligible loans made under the Guaranteed Student Loan Program (GSLP) or the PLUS Program. This special allowance is provided for under section 438 of the Higher Education Act of 1965 (the Act), as amended (20 U.S.C. 1087-1). Except for loans subject to section 438(b)(2)(B) of the Act, 20 U.S.C. 1087-1(b)(2)(B), for the quarter ending September 30, 1983, the special allowance will be paid at the following rates:

	Percent		
	Applicable interest rate	Annual special allowance rate	Special allowance rate [1]
GSLP loans or PLUS loans made prior to Oct. 1981	7	6.125	1.53125
	9	4.125	1.03125
GSLP loans or PLUS loans made on or after Oct. 1, 1981	7	6.05	1.5125
	8	5.05	1.2625
	9	4.05	1.0125
	12	1.05	0.2625
	14	0.00	0.00

[1] For quarter ending Sept. 30, 1983.

The Assistant Secretary determines the special allowance rate in the manner specified in the Act, for loans at each applicable interest rate by making the following four calculations:

(a) *Step 1.* Determine the average bond equivalent rate of the 91-day Treasury bills auctioned during the quarter for which this notice applies;

(b) *Step 2.* Subtract from that average the applicable interest rate (7, 8, 9, 12, or 14 percent) of loans for which a holder is requesting payment;

(c) *Step 3.* (1) Add 3.5 percent to the remainder; and

(2) In the case of loans made before October 1, 1981, round the sum upward to the nearest one-eight of one percent;

(d) *Step 4.* Divide the resulting percent on Step 3 (either (c)(1) or (c)(2), as applicable) by four.

FOR FURTHER INFORMATION CONTACT: Andrejs Penikis, Program Specialist, or Larry Oxendine, Chief, Policy Section, Guaranteed Student Loan Branch, Division of Policy and Program Development, Department of Education on (202) 245-2475.

(Catalog of Federal Domestic Assistance No. 84.032, Guaranteed Student Loan Program and PLUS Program)

Dated: October 25, 1983.

Edward M. Elmendorf,

Assistant Secretary for Postsecondary Education.

[FR Doc. 83-29435 Filed 10-28-83; 8:45 am]

BILLING CODE 4000-01-M

Office of Special Education and Rehabilitative Services

Notice of Arbitration Panel Decision Under the Randolph-Sheppard Act

AGENCY: Department of Education.

ACTION: Notice of Arbitration Panel Decision under the Randolph-Sheppard Act.

SUMMARY: Notice is hereby given that on October 27, 1982, an arbitration panel rendered a decision in the matter of Joseph F. Muir, Vendor, vs. the District of Columbia Department of Human Services, State Licensing Agency (R-S/80-9). The panel was convened by the Secretary of the Department of Education pursuant to 20 U.S.C. 107d-1(a), upon receipt of a complaint filed by petitioner Joseph F. Muir on October 2, 1981. Under this section of the Act, a blind licensee dissatisfied with the State's operation or administration of the vending facility program may request a full evidentiary hearing from the State Licensing agency. If the licensee is dissatisfied with the State agency decision, the licensee may complain to the Secretary, who is then required to convene an arbitration panel to resolve the dispute.

FOR FURTHER INFORMATION CONTACT: Director, Division for Blind and Visually Impaired, Rehabilitation Services, Room 3330, Mary E. Switzer Building, Department of Education, 330 'C' Street, SW., Washington, D.C. 20202, Area Code (202) 245-0918 TTY (202) 245-0591. The full text of the arbitration panel decision can be obtained from this source.

Dated: October 26, 1983.

Madeleine Will,

Assistant Secretary for Special Education and Rehabilitative Services.

Arbitration Panel Decision

A blind vendor, Joseph F. Muir, Complainant, grieved a determination by the District of Columbia Department of Human Services, State Licensing Agency, Respondent, that it was not liable to claimant for losses of merchandise suffered in a series of thefts at the vending facility operated by him. Mr. Muir retained counsel and pursued his grievance consistent with the procedural requirements of the Randolph-Sheppard Act at 20 U.S.C. 107 *et. seq.*, and the Department of Education's revised Interim Policies and Procedures for Randolph-Sheppard arbitrations.

The issue in this arbitration is whether or not the State licensing agency is liable to Mr. Muir for merchandise lost in a series of thefts. The claimant alleged that the Respondent erroneously advised him that it carried theft insurance on the merchandise and was therefore liable to him under a theory of promissory estoppel. Claimant further alleged that Respondent was obligated to provide him with a facility reasonably secure against break-ins and that it was negligent in the discharge of this obligation.

The arbitration panel, Respondent dissenting, reached the following conclusions:

The Respondent was not liable to claimant under a theory of promissory estoppel as Respondent never represented to claimant it carried theft insurance on the merchandise.

The Respondent was obligated to furnish claimant a facility reasonably secure from break-ins. The panel inferred this general duty from the statutory purpose to enhance the economic position of the blind and from specific terms in the operator's agreement prepared by the State agency.

The Respondent was obligated to act with reasonable diligence to take judicious steps to protect the facility and the merchandise when it became clear that the facility was not reasonably secure.

The Respondent acted negligently in not arranging immediately after the first break-in for a police investigation to determine the means of ingress.

The Respondent is liable to claimant to the extent of all losses suffered after the first break-in and shall reimburse the claimant in the amount of $5,245.28.

The arbitration panel decision does not necessarily represent the views of the Department of Education.

[FR Doc. 83-29436 Filed 10-28-83; 8:45 am]

BILLING CODE 4000-01-M

DEPARTMENT OF ENERGY

Federal Energy Regulatory Commission

[Docket No. ER84-37-000]

Connecticut Light & Power Co.; Filing

October 26, 1983.

The filing Company submits the following:

Take notice that on October 17, 1983, Connecticut Light and Power Company (CP&L) tendered for filing as an initial rate schedule an agreement (the Agreement) between CL&P Western Massachusetts Electric Company (WMECO, and together with CL&P, the NU Companies) and GPU Service Corporation (GPU) as agent for: 1) Pennsylvania Electric Company, 2) Metropolitan Edison Company, and 3) Jersey Central Power and Light (collectively, GPU Companies). The Agreement, dated as of June 20, 1983, provides for the bilateral sale by the NU Companies or the GPU Companies of energy from their systems ("system energy") that may be available on a daily or weekly basis (a "transaction"). CL&P states that the timing of transactions cannot be accurately estimated but that the NU Companies or the GPU Companies would offer to sell such system energy to the other only when it was economical to do so. The buyer would only accept such offer if it was economical to do so.

The buyer will pay an hourly energy reservation charge to the seller for each transaction in an amount equal to the megawatthours of system energy reserved for the buyer by the seller during a transaction multiplied by an energy reservation charge rate which is negotiated prior to each transaction. The buyer will pay any energy charge for each transaction in an amount equal to the megawatthours delivered by the seller during such transaction times an energy charge rate. The energy charge rate is the weighted average forecasted energy charge rate for the generating unit(s) which the seller determines to be available to provide such energy at the time of a transaction.

CL&P requests an effective date of August 19, 1983, and therefore requests waiver of the Commission's notice requirements.

Any person desiring to be heard or to protest said filing should file a motion to intervene or protest with the Federal Energy Regulatory Commission, 825 North Capitol Street, NE., Washington, D.C. 20426, in accordance with Rules 211 and 214 of the Commission's Rules of Practice and Procedure (18 CFR 385.211, 385.214). All such motions or protests should be filed on or before November 17, 1983. Protests will be considered by the Commission in determining the appropriate action to be taken, but will not serve to make protestants parties to the proceeding. Any person wishing to become a party must file a motion to intervene. Copies of this filing are on file with the Commission and are available for public inspection.

Kenneth F. Plumb,

Secretary.

[FR Doc. 83-29396 Filed 10-28-83; 8:45 am]

BILLING CODE 6717-01-M

[Docket No. EC84-2-000]

Empire District Electric Co.; Application

October 26, 1983.

Take notice that on October 17, 1983, Empire District Electric Company ("Empire") submitted for filing an "Application For Authority to Acquire Certain Facilities Under Section 203 Of The Federal Power Act."

Empire requests Commission approval to purchase a 12 Kv distribution line, a 1000 Kva12 Kv/2400 distribution substation and associated facilities, and one 1500 Kva 12 Kv/2400 distribution substation and associated facilities. The purchase price of the facilities is $102,500.00.

Empire states that the acquisition of the facilities will enable it to provide wholesale electric service to the City of Lockwood, Missouri.

Any person desiring to be heard or to protest said filing should file a motion to intervene or protest with the Federal Energy Regulatory Commission, 825 North Capitol Street, NE., Washington, D.C. 20426, in accordance with Rules 211 and 214 of the Commission's Rules of Practice and Procedure (18 CFR 385.211, 385.214). All such motions or protests should be filed on or before November 15, 1983. Protests will be considered by the Commission in determining the appropriate action to be taken, but will not serve to make protestants parties to the proceeding. Any person wishing to become a party must file a motion to intervene. Copies of this filing are on file with the Commission and are available for public inspection.

Kenneth F. Plumb,

Secretary.

[FR Doc. 83-29397 Filed 10-28-83; 8:45 am]

BILLING CODE 6717-01-M

[Docket No. EL84-2-000]

North Carolina Utilities Commission, Applicant, v. Tapoco, Inc.; Nantahala Power & Light Co.; and Aluminum Co. of America, Respondents; Complaint and Application for Relief, October 26, 1983.

Take notice that on October 14, 1983, North Carolina Utilities Commission ("NCUC") submitted for filing a Complaint under 16 U.S.C. 812, 813 and 824(e), and an Application for Relief under 16 U.S.C. 824(e). NCUC states that the Aluminum Company of America ("Alcoa"), as sole stockholder of Tapoco and Nantahala, has exercised such total and absolute control that it has maximized the amount of electricity available to itself directly or indirectly from its subsidiaries, without regard to the amount of electric energy available to the public or the cost of such energy to the public.

NCUC requests that the Commission (a) conduct an investigation of Tapoco's Rate Schedule 4, (b) determine that the same is unjust, unreasonable and unlawfully preferential and in violation of federal anti-trust laws, and (c) approve a new Tapoco tariff containing terms and conditions pursuant to which Nantahala may purchase and acquire a fair and equitable portion of Tapoco's power and energy entitlements.

Therefore, NCUC applies to the Commission for an order compelling Tapoco to furnish and sell to Nantahala a fair and equitable portion of its power and energy at just and lawful rates.

Any person desiring to be heard or to protest said filing should file a motion to intervene or protest with the Federal Energy Regulatory Commission, 825 North Capitol Street, NE., Washington, D.C. 20426, in accordance with Rules 211 and 214 of the Commission's Rules of Practice and Procedure (18 CFR 385.211, 385.214). All such motions or protest should be filed on or before November 25, 1983. Protests will be considered by the Commission in determining the appropriate action to be taken, but will not serve to make protestants parties to the proceeding. Any person wishing to become a party must file a motion to intervene. Copies of this filing are on file with the Commission and are available for public inspection.

Kenneth F. Plumb,

Secretary.

[FR Doc. 83-29398 Filed 10-28-83; 8:45 am]

BILLING CODE 6717-01-M

[Docket No. ER84-38-000]

Otter Tail Power Co.; Filing

October 26, 1983.

The filing Company submits the following:

Take notice that on October 18, 1983, Otter Tail Power Company (Otter Tail) tendered for filing proposed changes in its rates and charges to 14 municipal customers and 9 state institutions (including low voltage transmission service provided to the Oakes O&M Headquarters), as embodied in proposed Firm Wheeling Electric Rate Schedule and Partial Requirements Electric Rate Schedule along with General Rules and Regulations. Otter Tail proposes to place the proposed rate schedules into effect as of December 19, 1983. The revised rates and charges would increase revenues from jurisdictional sales by $1,815,955, based on the 12 month period ending December 31, 1984.

Otter Tail states that the proposed increase in rates in intended primarily to increase the rate of return to an adequate level. Otter Tail has experienced a substantial investment in net transmission plant since the Company's previous rate case (filed October 4, 1976). The rate of inflation since the 1976 rate case has had an adverse impact upon the Company's Transmission Expense and Administrative and General Expenses. The proposed rates and charges are designed to enable Otter Tail to earn a rate of return of 10.83% on rate base during calendar year 1984, which is Period II.

Otter Tail proposes an effective date of December 19, 1983, and therefore requests waiver of the Commission's notice requirements.

A copy of this filing has been served upon Otter Tail's jurisdictional customers and the State Commissions of Minnesota, North Dakota and South Dakota.

Any person desiring to be heard or to protest said filing should file a motion to intervene or protest with the Federal Energy Regulatory Commission, 825 North Capitol Street, NE., Washington, D.C. 20426, in accordance with Rules 211 and 214 of the Commission's Rules of Practice and Procedure (18 CFR 385.211, 385.214). All such motions or protest

should be filed on or before November 17, 1983. Protests will be considered by the Commission in determining the appropriate action to be taken, but will not serve to make protestants parties to the proceeding. Any person wishing to become a party must file a motion to intervene. Copies of this filing are on file with the Commission and are available for public inspection.

Kenneth F. Plumb,

Secretary.

[FR Doc. 83-29399 Filed 10-28-83; 8:45 am]

BILLING CODE 6717-01-M

[Docket No. EC84-3-000]

Pacific Power & Light Co.; Application

October 26, 1983.

Take notice that on October 17, 1983, Pacific Power & Light Company ("PP&L") submitted for filing its "Application For An Order Authorizing the Acquisition of Utility Plant Near Coos Bay, Oregon."

PP&L states that it proposes to purchase from the General Services Administration 13,634 feet of 115 kV transmission line and associated facilities. PP&L further states that 7570 feet of access roads and easements are included in the sale. The proposed purchase price is $115,000.00.

Any person desiring to be heard or to protest said filing should file a motion to intervene or protest with the Federal Energy Regulatory Commission, 825 North Capitol Street, NE., Washington, D.C. 20426, in accordance with Rules 211 and 214 of the Commission's Rules of Practice and Procedure (18 CFR 385.211, 385.214). All such motions or protests should be filed on or before November 15, 1983. Protests will be considered by the Commission in determining the appropriate action to be taken, but will not serve to make protestants parties to the proceeding. Any person wishing to become a party must file a motion to intervene. Copies of this filing are on file with the Commission and are available for public inspection.

Kenneth F. Plumb,

Secretary.

[FR Doc. 83-29400 Filed 10-28-83; 8:45 am]

BILLING CODE 6717-01-M

[Docket No. ER84-40-000]

Puget Sound Power & Light Co.; Filing

October 26, 1983.

The filing Company submits the following:

Take notice that on October 19, 1983, Puget Sound Power & Light Company (Puget) tendered for filing Schedule 5 of Appendix 1 to the Residential Purchase and Sale Agreement between Puget and Bonneville Power Administration (BPA).

Any person desiring to be heard or to protest said filing should file a motion to intervene or protest with the Federal Energy Regulatory Commission, 825 North Capitol Street, NE., Washington, D.C. 20426, in accordance with Rules 211 and 214 of the Commission's Rules of Practice and Procedure (18 CFR 385.211, 385.214). All such motions or protests should be filed on or before November 16, 1983. Protests will be considered by the Commission in determining the appropriate action to be taken, but will not serve to make protestants parties to the proceeding. Any person wishing to become a party must file a motion to intervene. Copies of this filing are on file with the Commission and are available for public inspection.

Kenneth F. Plumb,

Secretary.

[FR Doc. 29401 Filed 10-28-83; 8:45 am]

BILLING CODE 6717-01-M

[Docket No. ER84-41-000]

Puget Sound Power & Light Co.; Filing

October 26, 1983.

The filing Company submits the following:

Take notice that on October 19, 1983, Puget Sound Power & Light Company (Puget) tendered for filing a proposed change in its FERC Rate Schedule No. 69 and in FERC Rate Schedule No. 61 of Pacific Gas and Electric Company (PG and E).

The proposed change is a letter agreement (the "Supplemental Agreement"), dated January 6, 1981, that supplements the Agreement Relating to Exchange of Power between Puget and PG and E, dated July 1, 1980, which is the subject of the above-referenced rate schedule. The Supplemental Agreement changes the rate schedules by providing that, upon agreement of the parties, Puget may sell to PG and E certain energy previously delivered to PG and E in lieu of requiring its return. The purchase price for any energy sold pursuant to the Supplemental Agreement was to be as agreed to by Puget and PG and E, provided that such price did not exceed the greater of (a) Puget's highest cost of energy then in storage or (b) Puget's highest fully allocated cost of energy from one of its resources then in operation.

Puget requests an effective date of January 6, 1981, and therefore requests waiver of the Commission's notice requirements.

A copy of the filing was served upon PG and E.

Any person desiring to be heard or to protest said filing should file a motion to intervene or protest with the Federal Energy Regulatory Commission, 825 North Capitol Street, NE., Washington, D.C. 20426, in accordance with Rules 211 and 214 of the Commission's Rules of Practice and Procedure (18 CFR 385.211 and 385.214). All such motions or protests should be filed on or before November 21, 1983. Protests will be considered by the Commission in determining the appropriate action to be taken, but will not serve to make protestants parties to the proceeding. Any person wishing to become a party must file a motion to intervene. Copies of this filing are on file with the Commission and are available for public inspection.

Kenneth F. Plumb,

Secretary.

[FR Doc. 83-29402 Filed 10-28-83; 8:45 am]

BILLING CODE 6717-01-M

[Docket No. ER84-39-000]

Southern California Edison Co.; Filing

October 26, 1983.

The filing Company submits the following:

Take notice that on October 19, 1983, Southern California Edison Company (Edison) tendered for filing Amendment No. 1 to the Agreement for Integration and Interruptible Transmission of Nonfirm Energy Purchased, Pursuant to an Energy Agreement, by Vernon from Nevada Power Company (Amendment), which has been executed by Edison and the City of Vernon (Vernon), California, on October 12, 1983.

Edison states that the Amendment provides for the establishment of a new Point Attachment under Edison's Rate Schedule FERC No. 149 at the Victorville-Lugo 500 kV Interconnection Point, at which midpoint, the Department of Water and Power of the City of Los Angeles'(LADWP) 500 kV transmission line from Victorville Substation is physically connected with Edison's 500 kV transmission line from Lugo Substation.

Edison requests an effective date of October 12, 1983, and therefore requests waiver of the Commission's notice requirements.

Copies of this filing were served upon the City of Vernon, California, Nevada Power Company, the Department of Water and Power of the City of Los Angeles, and the Public Utilities Commission of the State of California.

Any person desiring to be heard or to protest said filing should file a motion to intervene or protest with the Federal Energy Regulatory Commission, 825 North Capitol Street, NE., Washington, D.C. 20426, in accordance with rules 211 and 214 of the Commission's Rules of Practice and Procedure (18 CFR 385.211, 385.214). All such motions or protests should be filed on or before November 21, 1983. Protests will be considered by the Commission in determining the appropriate action to be taken, but will not serve to make protestants parties to the proceeding. Any person wishing to become a party must file a motion to intervene. Copies of this filing are on file with the Commission and are available for public inspection.

Kenneth F. Plumb,

Secretary.

[FR Doc. 83-29403 Filed 10-28-83; 8:45 am]

BILLING CODE 6717-01-M

[Docket No. G-10139-001, et al.]

Cities Offshore Production Co., et al.; Application To Amend Certificates of Public Convenience and Necessity and any in Related Proceedings

(October 25, 1983.

Take notice that on September 19, 1983, Cities Offshore Production Co. (Cities) of P.O. Box 300, Tulsa, Oklahoma 74102 filed an application of Cities Offshore Production Co. to Amend Certificates of Public Covenience and Necessity so as to Substitute Cities Offshore Production Co. for Cities Service Company in such certificates and in any other related proceedings Cities is filing contemporaneously herewith a Certificate of Adoption and Requests for Redesignation of Cities Service Company Rate Schedules listed in the attached Appendix.

Effective September 8, 1983, the name of Cities Service Company was changed to Cities Offshore Production Co.

Any person desiring to be heard or to make any protest with reference to said applications should on or before November 4, 1983, file with the Federal Energy Regulatory Commission, Washington, D.C. 20426, petitions to intervene or protests in accordance with the requirements of the Commission's Rules of Practice and Procedure (18 CFR 385.211, .214). All protests filed with the Commission will be considered by it in determining the appropriate action to be taken but will not serve to make the protestants parties to a proceeding. Persons wishing to become parties to a proceeding or to participate as a party in any hearing therein must file petitions to intervene in accordance with the Commission's Rules.

Take further notice that, pursuant to the authority contained in and subject to the jurisdiction conferred upon the Federal Energy Regulatory Commission by Sections 7 and 15 of the Natural Gas Act and the Commission's Rules of Practice and Procedure a hearing will be held without further notice before the Commission on all applications in which no petition to intervene is filed within the time required herein if the Commission on its own review of the matter believes that a grant of the certificates or the authorization for the proposed abandonment is required by the public convenience and necessity. Where a petition for leave to intervene is timely filed, or where the Commission on its own motion believes that a formal hearing is required, further notice of such hearing will be duly given.

Under the procedure herein provided for, unless otherwise advised, it will be unnecessary for Applicants to appear or to be represented at the hearing.

Kenneth F. Plumb,

Secretary.

APPENDIX

R.S. No. and purchaser		Certificate docket
178	Tennessee Gas Pipeline Co.	G-10139
312	Trunkline Gas Company	CI169-806
397	Tennessee Gas Pipeline Co.	CI73-457
439	Tennessee Gas Pipeline Co.	CI77-19
461	Southern Natural Gas Company.*	CI78-310
484	Texas Eastern Transmission Corp.	CI79-405
485	Michigan-Wisconsin Pipe Line Co.	CI79-541
491	Tennessee Gas Pipeline Co.	CI80-471
504	Tennessee Gas Pipeline Co.	CI83-132

[FR Doc. 83-29411 Filed 10-28-83; 8:45 am]

BILLING CODE 6717-01-M

[Docket No. CP82-547-003]

Colorado Interstate Gas Co.; Amendment to Application

October 25, 1983.

Take notice that on October 7, 1983, Colorado Interstate Gas Company (Applicant), P.O. Box 1087, Colorado Springs, Colorado 80944, filed in Docket No. CP82-547-003, an amendment to its pending application filed in Docket No. CP82-547-000 pursuant to Section 7 of the Natural Gas Act, to reflect certain changes in its proposals, all as more fully set forth in the amendment which is on file with the Commission and open to public inspection.

Specifically, by the subject amendment, Applicant proposes the following:

(1) Revise the requested peak day entitlement changes originally proposed to eliminate the aggregate decrease in total peak day entitlements.

PROPOSED CHANGES IN PEAK DAY ENTITLEMENTS

Customer	Increase (Mcf)	Decrease (Mcf)
Citizens Utilities Company		5,870
City of Colorado Springs, Colorado		28,891
City of Fort Morgan, Colorado		439
City of Walsenburg, Colorado	25	
Eastern Colorado Utility Company	1,043	
K N Energy, Inc.[1]	20,000	
Mountain Fuel Supply Company[1]	23,500	
Raton Natural Gas Company		268
Western Gas Interstate Company		9,100
Total	44,568	44,568

[1] Partial requirement customer.

(2) Delete Applicant's request to adjust its rates to reflect the change in demand revenues associated with revisions to its customers' peak day entitlements.

(3) Revise the cost information and delivery pressure for its proposed modifications at the Schaeffer-Weeks Sales Meter Station. The facility modifications are now estimated to cost $152,300.00 and deliveries are proposed to be made at Applicant's line pressure.

(4) Delete Applicant's request to extend the term of an existing service agreement with Peoples Natural Gas Company.

(5) Withraw Applicant's offer of settlement filed in the instant proceeding on April 13, 1983.

Any person desiring to be heard or to make any protest with reference to said amendment should on or before November 15, 1983, file with the Federal Energy Regulatory Commission, Washington, D.C. 20426, a motion to intervene or a protest in accordance with the requirements of the Commission's Rules of Practice and Procedure (18 CFR 385.214 or 3885.211) and the Regulations under the Natural Gas Act (18 CFR 157.10). All protests filed with the Commission will be considered by it in determining the appropriate action to be taken but will not serve to make the protestants parties to the proceeding. Any person wishing to become a party to a proceeding or to participate as a party in any hearing therein must file a motion to intervene in accordance with the Commission's Rules. All persons who have heretofore filed need not file again.

Kenneth F. Plumb,

Secretary.

[FR Doc. 83-29413 Filed 10-28-83; 8:45 am]

BILLING CODE 6717-01-M

[Docket No. RP84-11-000]

Columbia Gas Transmission Corp.; Tariff Filing

October 25, 1983

Take notice that on October 20, 1983, Columbia Gas Transmission Corporation (Columbia) tendered for filing the following tariff sheets with a proposed effective date of August 5, 1983:

Original Volume No. 1

Original Sheet No. 1A

Original Volume No. 1-A

Original Sheet Nos. 1 through 10 inclusive

This filing adds Rate Schedules TS-1 and TS-2 to Columbia's tariff. Rate Schedules TS-1 and TS-2 set forth the terms pursuant to which Columbia will perform transportation pursuant to Section 157.209 of the Commission's regulations.

Columbia has requested that Rate Schedules TS-1 and TS-2 be accepted for filing and become effective on August 5, 1983, the effective date of § 157.209 of the Commission's regulations. Columbia also requests a waiver of the Commission's regulations to include Rate Schedules TS-1 and TS-2 in its Original Volume No. 1-A for a one-year period, in order to insure that all transportation services under these Rate Schedules will be placed in a priority below Columbia's sales and firm transportation services in the event of inadequate capacity on Columbia's system. To the extent any other waviers are necessary to the acceptance of the filing, Columbia respectfully requests the same.

Any person desiring to be heard or to protest said filing should file a motion to intervene or protest with the Federal Energy Regulatory Commission, 825 North Capitol Street, NE., Washington, D.C. 20426, in accordance with Rule 211 or Rule 214 of the Commission's Rules of Practice and Procedure (18 CFR 385.211, 385.214). All such motions or protests should be filed on or before November 4, 1983. Protests will be considered by the Commission in determining the appropriate action to be taken but will not serve to make protestants parties to the proceedings. Any party wishing to become a party to the proceeding must file a motion to intervene. Copies of this filing are on file with the Commission and are available for public inspection.

Kenneth F. Plumb,

Secretary.

[FR Doc. 83-29414 Filed 10-28-83; 8:45 am]

BILLING CODE 6717-01-M

[Docket No. CP84-5-000]

Florida Gas Transmission Co.; Request Under Blanket Authorization

October 25, 1983.

Take notice that o n October 6, 1983, Florida Gas Transmission Company (FGT), P.O. Box 44, Winter Park, Florida 32790, filed in Docket No. CP84-5-000 a request pursuant to section 157.205 of the Regulations under the Natural Gas Act (18 CFR 157.205) that FGT proposes to abandon natural gas service to an individual customer and the facilities used to provide that service in Matagorda County, Texas, under the authorization issued in Docket No. CP82-559-000 pursuant to Section 7 of the Natural Gas Act, all as more fully set forth in the request on file with the Commission and open to public inspection.

FGT states that in Docket No. CP80-192 it was authorized to operate the subject metering and appurtenant facilities, to sell gas directly to Edward D. Smith to operate water well facilities. It is further stated that Mr. Smith no longer farms the land for which he used natural gas to operate water well facilities and, accordingly, no longer requires the natural gas service. Consequently, FGT is proposing to abandon the sales tap and related facilities in Matagorda County, Texas, and the transportation of gas by means of such facilities. FGT further states no other customer is being served through these facilities.

FGT also states that the cost of facilities installed is not available and, therefore, FGT does not propose any accounting treatment for purposes of this abandonment.

Any person or the Commission's staff may, within 45 days after issuance of the instant notice by the Commission, file pursuant to Rule 214 of the Commission's Procedural Rules (18 CFR 385.214) a motion to intervene or notice of intervention and pursuant to § 157.205 of the Regulations under the Natural Gas Act (18 CFR 157.205) a protest to the request. If no protest is filed within the time allowed therefor, the proposed activity shall be deemed to be authorized effective the day after the time allowed for filing a protest. If a protest is filed and not withdrawn within 30 days after the time allowed for filing a protest, the instant request shall be treated as an application for authorization pursuant to Section 7 of the Natural Gas Act.

Kenneth F. Plumb,

Secretary.

[FR Doc. 83-29415 Filed 10-28-83; 8:45 am]

BILLING CODE 6717-01-M

[Docket No. TA84-1-45-001] (PGA84-1)

Inter-City Minnesota Pipelines Ltd., Inc., Tariff Filing

October 25, 1983.

Take notice that on October 20, 1982, Inter-City Minnesota Pipelines Ltd., Inc. (Minnesota Pipelines) tendered for filing Substitute Twentieth Revised Sheet No. 4 and Third Revised Sheet No. 63 to Original Volume No. 1 of Minnesota Pipelines' FERC Gas Tariff. Minnesota Pipelines has requested that the sheets be suspended only for such time as is necessary to allow an effective date of Nobember 1, 1983, for the rates set out therein.

Minnesota Pipelines represents that Substitute Twentieth Revised Sheet No. 4 embodies a correction of values that were juxtaposed by clerical error. The correct values appear elsewhere in Minnesota Pipelines' filing of September 30, 1983, and there will be no disadvantage to any person in permitting a shortened notice period for this tariff sheet. Third Revised Sheet No. 63 represents a change to Minnesota Pipelines tariff that will provide for conformation of interest calculations on the PGA account to Commission regulations. Minnesota Pipelines represents that the PGA application correctly calculates the interest charge, but it overlooked earlier language remaining in its tariff that calls for a different approach.

Minnesota Pipelines states that a copy of the filing has been served on all jurisdictional customers and on the Minnesota Public Service Commission.

Any person desiring to be heard or to protest said filing should file a petition to intervene or protest with the Federal Energy Regulatory Commission, 825 North Capitol Street, NE., Washington, D.C. 20426, in accordance with Rules 211 and 214 of the Commission's Rules of Practice and Procedure (18 CFR 385.211, 385.214). All such petitions or protests should be filed on or before November 4, 1983. Protests will be considered by the Commission in determining the appropriate action to be taken, but will not serve to make protestants parties to the proceeding. Any person wishing to become a party must file a petition to intervene. Copies of this filing are on file

with the Commission and are available for public inspection.

Kenneth F. Plumb,

Secretary.

[FR Doc. 83-29418 Filed 10-28-83; 8:45 am]

BILLING CODE 6717-01-M

[Docket No. TA84-1-25-000]

Mississippi River Transmission Corp.; Rate Change Filing

October 25, 1983.

Take notice that on October 19, 1983, Mississippi River Transmission Corporation (Mississippi) submitted for filing Second Substitute Original Sheet No. 4 to its FERC Gas Tariff, Second Revised Volume No. 1. Said tariff sheet is proposed to be effective October 1, 1983.

Mississippi states the instant filing reflects significant decreases in Mississippi's cost of purchased gas which will reduce the commodity component of Mississippi's Rate Schedules CD-1 and CD-2 rates, and the single part rates under Rate Schedules SGS-1 and PI-1, by 23.95¢ per Mcf. It is claimed that this rate reduction will reduce Mississippi's annual jurisdictional revenues by approximately $30.0 million. Mississippi states that the gas cost reduction is the result of a departure by Mississippi from its historical purchase patterns on which its PGA filings are required to be based. Mississippi states that the immediate flow through of the benefits of its changed purchase pattern in advance of the winter heating season will provide significant cost relief that would otherwise not be available until March 1, 1984 under the normal operation of Mississippi's PGA provision. Therefore, Mississippi has requested waiver of the applicable provisions of its gas tariff and the Commission Regulations to permit this rate reduction to be effective as proposed on October 1, 1983.

Mississippi states that copies of its filing have been served on all jurisdictional customers and interested state commissions.

Any person desiring to be heard or to protest said filing should file a motion to intervene or protest with the Federal Energy Regulatory Commission, 825 North Capitol Street, NE., Washington, D.C. 20426, in accordance with §§ 385.211 and 385.214 of the Commission's Rules of Practice and Procedure (18 CFR 385.211, 385.214). All such motions or protests should be filed on or before November 4, 1983. Protests will be considered by the Commission in determining the appropriate action to be taken, but will not serve to make protestants parties to the proceeding. Any person wishing to become a party must file a motion to intervene. Copies of this filing are on file with the Commission and are available for public inspection.

Kenneth F. Plumb,

Secretary.

[FR Doc. 83-29421 Filed 10-28-83; 8:45 am]

BILLING CODE 6717-01-M

[Docket No. RP82-56-001]

Northwest Pipeline Corp.; Compliance Filing

October 25, 1983.

Take notice that on October 20, 1983, Northwest Pipeline Corporation ("Northwest") tendered for filing and acceptance for the following tariff sheets to its First Revised Volume No. 1 Tariff.

Volume No. 1 tariff	Proposed effective date
Fifth Substitute Seventh Revised Sheet No. 10.	Oct. 1, 1982.
Third Substitute Eighth Revised Sheet No. 10.	Dec. 1, 1982.
Third Substitute First Amended Eighth Revised Sheet No. 10.	Apr. 1, 1983.
Third Substitute Second Amended Eighth Revised Sheet No. 10.	Apr. 11, 1983.
Fourth Substitute Ninth Revised Sheet No. 10.	May 1, 1983.
Third Substitute Tenth Revised Sheet No. 10.	May 3, 1983.
Substitute Eleventh Revised Sheet No. 10.	Oct. 1, 1983.

As more fully explained in the instant filing, the tendered Substitute tariff sheets will reflect the required revisions to correctly state the Purchased Gas Cost Component of the currently effective commodity rates noted on the tariff sheets in effect for each purchased gas cost adjustment period pursuant to Northwest's Stipulation and Agreement in Settlement of Docket No. RP82-56-000.

Northwest requests waiver of Section 154.22 and special permission under Section 154.51 in order to permit the effective dates as shown for each of the tendered tariff sheets listed.

A copy of this filing has been served on all of Northwest's jurisdictional sales customers, transportation and gathering customers and otherwise all parties of interest in Docket No. RP82-56-000.

Any persons desiring to be heard or to protest said filing should file a petition to intervene or protest with the Federal Energy Regulatory Commission, 825 North Capitol Street, NE., Washington, D.C. 20426, in accordance with Rules 211 or 214 of the Commission's Rules of Practice and Procedure. All such petitions or protests should be filed on or before November 4, 1983. Protests will be considered by the Commission in determining the appropriate action to be taken, but will not serve to make protestants parties to the proceeding. Any person wishing to become a party must file a petition to intervene. Copies of this filing are on file with the Commission and are available for public inspection.

Kenneth F. Plumb,

Secretary.

[FR Doc. 83-29423 Filed 10-28-83; 8:45 am]

BILLING CODE 6717-01-M

[Docket No. QF84-14-000]

Small Power Production and Cogeneration Facilities; James H. Blincoe; Application for Commission Certification of Qualifying Status

October 25, 1983.

On October 14, 1983, James H. Blincoe (Applicant), of 1095 Squire Court, Aurora, Illinois 60505, filed with the Federal Energy Regulatory Commission (Commission) an application for certification of a facility as a qualifying cogeneration facility pursuant to § 292.207 of the Commission's rules.

The topping-cycle cogeneration facility will be located at 1095 Squire Court, Aurora, Illinios. The primary energy source for the facility will be natural gas. The facility will consist of a reciprocating engine and an induction generator. The useful thermal output from the facility will be used to produce hot water for heating and cooling purposes. The electric power production capacity of the facility will be 7.8 kilowatts.

Any person desiring to be heard or objecting to the granting of qualifying status should file a petition to intervene or protest with the Federal Energy Regulatory Commission, 825 North Capitol Street, NE., Washington, D.C. 20426, in accordance with rules 211 and 214 of the Commission's Rules of Practice and Procedure. All such petitions or protests must be filed within 30 days after the date of publication of this notice and must be served on the applicant. Protests will be considered by the Commission in determining the appropriate action to be taken but will not serve to make protestants parties to the proceeding. Any person wishing to become a party must file a petition to intervene. Copies of this filing are on file

with the Commission and are available for public inspection.

Kenneth F. Plumb,

Secretary.

[FR Doc. 83-29420 Filed 10-28-83; 8:45 am]

BILLING CODE 6717-01-M

[Docket No. QF80-16-001]

Small Power Production and Congeneration Facilities; Boott Hydropower, Inc.; Application for Amendment of Commission Certification of a Qualifying Facility

October 25, 1983.

On October 14, 1983, Boott Hydropower, Inc. ("Boott") filed with the Federal Energy Regulatory Commission an application for certification that the Lowell Hydroelectric Project with a proposed change in ownership is a qualifying small power production facility to section 292.207 of the Commission's rules.

The Lowell Hydroelectric Project (FERC Project No. 2790) is located at the Pawtucket Dam on the Merrimack River in Lowell, Massachusetts. The Project includes a proposed 15 megawatt hydroelectric power plant and existing hydropower generating stations that have a combined capacity of 7.915 megawatts. Thus, total electric power production capacity of the facility will be 22.915 megawatts.

By notice of October 14, 1982, the Commission certified the Project as a qualifying small power production facility. The requested amendment concerns a proposed change in the identity of the owner of the facility. The owners of the Project will be Boott and one of the following: (i) General Electric Credit Corporation ("GECC"); (ii) a wholly-owned subsidiary of GECC; or (iii) a grantor trust, the grantor and sole beneficiary of which would be a GECC or its wholly-owned subsidiary and the trustee of which would be large financial institution. No electric utility or electric utility holding company will possess either a legal or beneficial ownership interest in the Project.

Any person desiring to be heard or objecting to amending the certification for the qualifying facility should file a petition to intervene or protest with the Federal Energy Regulatory Commission, 825 North Capitol Street, NE., Washington, D.C. 20426, in accordance with rules 211 and 214 of the Commission's Rules of Practice and Procedure. All such petitions or protests must be filed within 15 days after the date of publication of this notice and must be served on the applicant. Protests will be considered by the Commission in determining the appropriate action to be taken but will not serve to make protestants parties to the proceeding. Any person wishing to become a party must file a petition to intervene. Copies of this filing are on file with the Commission and are available for public inspection.

Kenneth F. Plumb,

Secretary.

[FR Doc. 83-29409 Filed 10-28-83; 8:45 am]

BILLING CODE 6717-01-M

[Docket No. QF83-436-000]

Small Power Production and Cogeneration Facilities; Broadview Heights Gas and Electric Co.; Application for Commission Ceritification of Qualifying Status

October 25, 1983.

On September 19, 1983, Broadview Heights Gas and Electric Co. of 6200 Rockside Woods Blvd., Independence, Ohio 44181, filed with the Federal Energy Regulatory Commission (Commission) an application for certification of a facility as a qualifying small power production facility pursuant to § 292.207 of the Commission's regulations.

The facility is located in Broadview Heights, Ohio. The primary energy source is biomass and waste in the form of landfill gas. The power production facility is 1.95 megawatts.

Any person desiring to be heard or objecting to the granting of qualifying status should file a petition to intervene or protest with the Federal Energy Regulatory Commission, 825 North Capitol Street, NE., Washington, D.C. 20426, in accordance with rules 211 and 214 of the Commission's Rules of Practice and Procedure. All such petitions or protests must be filed within 30 days after the date of publication of this notice and must be served on the applicant. Protests will be considered by the Commission in determining the appropriate action to be taken but will not serve to make protestants parties to the proceeding. Any person wishing to become a party must file a petition to intervene. Copies of this filing are on file with the Commission and are available for public inspection.

Kenneth F. Plumb,

Secretary.

[FR Doc. 83-29410 Filed 10-28-83; 8:45 am]

BILLING CODE 6717-01-M

[Docket No. QF83-372-000]

Small Power Production and Cogeneration Facilities; Coastal States Petroleum Co.; Appplication for Commission Certification of Qualifying Status

October 25, 1983.

On July 28, 1983, Coastal States Petroleum Company (Applicant), of Nine Greenway Plaza, Houston, Texas 77046, filed with the Federal Energy Regulatory Commission (Commission) an application for certification of a facility as a qualifying congeneration facility pursuant to § 292.207 of the Commission's rules. On October 17, 1983, the Applicant filed an addendum to the application.

The topping-cycle cogeneration facility will be located at 1320 Cantwell Lane, Corpus Christi, Texas. The facility will consist of two reconditioned gas turbines with new waste heat recovery boilers. The primary energy source for the facility will be natural gas/refinery fuel gas. The facility will produce 218,000 pounds per hour of process steam and have an electric power production capacity of 46.8 megawatts.

Any person desiring to be heard or objecting to the granting of qualifying status should file a petition to intervene or protest with the Federal Energy Regulatory Commission, 825 North Capitol Street, NE., Washington, D.C. 20426, in accordance with rules 211 and 214 of the Commission's Rules of Practice and Procedure. All such petitions or protests must be filed within 15 days after the date of publication of this notice and must be served on the applicant. Protests will be considered by the Commission in determining the appropriate action to taken but will not serve to make protestants parties to the proceeding. Any person wishing to become a party must file a petition to intervene. Copies of this filing are on file with the Commission and are available for public inspection.

Kenneth F. Plumb,

Secretary.

[FR Doc. 83-29412 Filed 10-28-83; 8:45 am]

BILLING CODE 6717-01-M

[Docket No. QF83-437-000]

Small Power Production and Cogeneration Facilities; Grossmont Hospital District; Application for Commission Certification of Qualifying Status

October 25, 1983.

On September 22, 1983, Grossmont Hospital District of P.O. Box 158, 5555

Grossmont Center Drive, LaMesa, California 92041, filed with the Federal Energy Regulatory Commission (Commission) an application for certification of a facility as a qualifying cogeneration facility pursuant to § 292.207 of the Commission's regulations.

The topping-cycle cogeneration facility is located at the Grossmont Hospital. The primary energy source is natural gas. The power production capacity is 1,600 kilowatts.

Any person desiring to be heard or objecting to the granting of qualifying status should file a petition to intervene or protest with the Federal Energy Regulatory Commission, 825 North Capitol Street, NE., Washington, D.C. 20426, in accordance with rules 211 and 214 of the Commission's Rules of Practice and Procedure. All such petitions or protests must be filed within 30 days after the date of publication of this notice and must be served on the applicant. Protests will be considered by the Commission in determining the appropriate action to be taken but will not serve to make protestants parties to the proceeding. Any person wishing to become a party must file a petition to intervene. Copies of this filing are on file with the Commission and are available for public inspection.

Kenneth F. Plumb,

Secretary.

[FR Doc. 83-29416 Filed 10-28-83; 8:45 am]

BILLING CODE 6717-01-M

[Docket No. QF83-444-000]

Small Power Production and Cogeneration Facilities; Hartwell Brothers; Application for Commission Certification of Qualifying Status

October 25, 1983.

On September 22 1983, Hartwell Brothers of 1249 Fairfax, Memphis, Tennessee 38108, filed with the Federal Energy Regulatory Commission (Commission) an application for certification of a facility as a qualifying cogeneration facility pursuant to § 292.207 of the Commission's regulations.

The topping-cycle cogeneration facility will be located at 1249 Fairfax, Memphis, Tennessee 38108. The primary energy source will be biomass in the form of wood waste. The power production capacity will be 200 kilowatts.

Any person desiring to be heard or objecting to the granting of qualifying status should file a petition intervene or protest with the Federal Energy Regulatory Commission, 825 North Capitol Street, NE., Washington, D.C. 20426, in accordance with rules 211 and 214 of the Commission's Rules of Practice and Procedure. All such petitions or protests must be filed within 30 days after the date of publication of this notice and must be served on the applicant. Protests will be considered by the Commission in determining the appropriate action to be taken but will not serve to make protestants parties to the proceeding. Any person wishes to become a party must file a petition to intervene. Copies of this filing are in file with the Commission and are available for public inspection.

Kenneth F. Plumb,

Secretary.

[FR Doc. 83-29417 Filed 10-28-83; 8:45 am]

BILLING CODE 6717-01-M

[Docket No. QF83-298-000]

Small Power Production and Cogeneration Facilities; James B. Howell; Application for Commission Certification of Qualifying Status

October 25, 1983.

On May 26, 1983, James B. Howell, (Applicant) of 1984 Panama Street, Boise, Ada County, Idaho 83705, filed with the Federal Energy Regulatory Commission (Commission) an application for certification of a facility including two hydroelectric powerhouses as a qualifying small power production facility pursuant to § 292.207 of the Commission's rules. An order certifying the facility as a qualifying facility, but listing the capacity of only one of the powerhouse (788 kilowatts), was issued on August 5, 1983. On October 3, 1983, the Applicant filed a letter pointing out that the notice of his application in the **Federal Register** issue of Tuesday, June 21, 1983, on page 28322 and the order granting certification failed to include the capacity of the second powerhouse (4,200 kilowatts). This renotice provides the correct information.

The small power production facility will be a hydroelectric facility located in Idaho County, Idaho, 14 miles north of the City of New Meadows. The facility will consist of a rock dam with impoundment, a penstock system, and two powerhouses. The first powerhouse, which will be located at a point just below the confluence of Elk Creek and the Little Salmon River, will contain a vertical turbine generator rated at 4,200 kilowatts. The second powerhouse, which will be located on the Little Salmon River approximately three-quarters of a mile downstream from the first powerhouse, will contain a turbine generator unit rated at 788 kilowatts. The total electric power production capacity of the facility will be 4,988 kilowatts.

Any person desiring to be heard or objecting to the granting of qualifying status should file a petition to intervene or protest with the Federal Energy Regulatory Commission, 825 North Capitol Streed, NE., Washington, D.C. 20426, in accordance with rules 211 and 214 of the Commission's Rules of Practice and Procedure. All such petitions or protests must be filed within 15 days after the date of publication of this notice and must be served on the applicant. Protests will be considered by the Commission in determining the appropriate action to be taken but will not serve to make protestants parties to the proceeding. Any person wishing to become a party must file a petition to intervene. Copies of this filing are on file with the Commission and are available for public inspection.

Kenneth F. Plumb,

Secretary.

[FR Doc. 83-29418 Filed 10-28-83; 8:45 am]

BILLING CODE 6717-01-M

[Docket No. QF84-11-000]

Small Power Production and Congeneration Facilities; Nashville Thermal Transfer Corp.; Application for Commission Certification of Qualifying Status

October 25, 1983.

On October 11, 1983, Nashville Thermal Transfer Corporation, (Applicant) of 110 First Avenue, South, Nashville, Tennessee 37201, filed with the Federal Energy Regulatory Commission (Commission) an application for certification of a facility as a qualifying small power production facility pursuant to § 292.207 of the Commission's rules.

The small power production facility will be located at 110 First Avenue, South, Nashville, Tennessee. The primary energy source for the facility will be biomass in the form of municipal solid waste. The electric power production capacity of the facility will be 6,500 kilowatts.

Any person desiring to be heard or objecting to the granting of qualifying status should file a petition to intervene or protest with the Federal Energy Regulatory Commission, 825 North Capitol Street, NE., Washington, D.C. 20426, in accordance with rules 211 and 214 of the Commission's Rules of Practice and Procedure. All such petitions or protests must be filed within

30 days after the date of publication of this notice and must be served on the applicant. Protests will be considered by the Commission in determining the appropriate action to be taken but will not serve to make protestants parties to the proceeding. Any person wishing to become a party must file a petition to intervene. Copies of this filing are on file with the Commission and are available for public inspection.

Kenneth F. Plumb,

Secretary.

[FR Doc. 83-29422 Filed 10-28-83; 8:45 am]

BILLING CODE 6717-01-M

[Docket No. QF83-441-000]

Small Power Production and Cogeneration Facilities; University Energy; Application for Commission Certification of Qualifying Status

October 25, 1983.

On September 26, 1983, University Energy of 3430 Camino Del Rio North, Suite 200, San Diego, California 92108, filed with the Federal Energy Regulatory Commission (Commission) an application for certification of a facility as a qualifying cogeneration facility pursuant to § 292.207 of the Commission's regulations.

The topping-cycle facility will be located in Kern County, California. The primary energy source will be natural gas. The power production capacity will be 8.6 megawatts.

Any person desiring to be heard or objecting to the granting of qualifying status should file a petition to intervene or protest with the Federal Energy Regulatory Commission, 825 North Capitol Street, NE., Washington, D.C. 20426, in accordance with rules 211 and 214 of the Commission's Rules of Practice and Procedure. All such petitions or protests must be filed within 30 days after the date of publication of this notice and must be served on the applicant. Protests will be considered by the Commission in determining the appropriate action to be taken but will not serve to make protestants parties to the proceeding. Any person wishing to become a party must file a petition to intervene. Copies of this filing are on file with the Commission and are available for public inspection.

Kenneth F. Plumb,

Secretary.

[FR Doc. 83-29428 Filed 10-28-83; 8:45 am]

BILLING CODE 6717-01-M

ENVIRONMENTAL PROTECTION AGENCY

[OPRM-FRL 2458-2]

Agency Information Collection Activities Under OMB Review

AGENCY: Environmental Protection Agency (EPA).

ACTION: Notice.

SUMMARY: Section 3507(a)(2)(B) of the Paperwork Reduction Act of 1980 (44 U.S.C. 3501 et seq.) requires the Agency to publish in the **Federal Register** a notice of proposed information collection requests that have been forwarded to the Office of Management and Budget (OMB) for review. The information collection requests listed are available to the public for review and comment.

FOR FURTHER INFORMATION CONTACT: David Bowers; Office of Standards and Regulations; Information Management Section (PM-223); U.S. Environmental Protection Agency; 401 M Street, SW., Washington, D.C. 20460; telephone (202) 382-2742 or FTS 382-2742.

SUPPLEMENTARY INFORMATION:

Toxics Programs

• Title: Application for Registration of Pesticide-Producing Establishments (EPA #0158).

Abstract: EPA requires the respondents to register with the Agency and to submit a form providing basic product descriptions.

Respondents: Producers of pesticide products.

• Title: Pesticide Report for Pesticide-Producing Establishments (EPA #0160).

Abstract: Respondents must report annually to EPA the types/amounts of pesticide products and related chemical ingredients they produce.

Respondents: Producers of pesticide products.

Agency PRA Clearance Requests Completed by OMB

Except as noted, the following were cleared on 12 October 1983:

EPA #0034, Wastewater Permittee Noncompliance Reporting (OMB #2040-0048).

EPA #0092, Wastewter Permittee Report of Planned Facility Changes (OMB #2040-0047).

EPA #0093, Recordkeeping of Wastewater Discharge Monitoring Data. (OMB #2040-0046).

EPA #0125, Wastewater Permittee Report of Excessive Toxic Pollutant Discharge (OMB #2040-0045).

EPA #1031, Allegations That Chemical Substances Cause Significant Adverse Reactions, was cleared on October 11 (OMB #2070-0017).

Comments on all parts of this notice should be sent to:

David Bowers (PM-223), U.S. Environmental Protection Agency, Office of Standards and Regulations, 401 M Street SW., Washington, D.C. 20460

and

Don Arbuckle, Vartkes Broussalian or Anita Ducca, Office of Management and Budget, Office of Information and Regulatory Affairs, New Executive Office Building (Room 3228), 726 Jackson Place NW., Washington, D.C. 20503.

Dated: October 21, 1983.

Mavis Bravo,

Chief, Information Management Staff.

[FR Doc. 83-29186 Filed 10-28-83; 8:45 am]

BILLING CODE 6560-50-M

[OPTS-53053; TSH-FRL 2443-8]

Premanufacture Notices; Monthly Status Report for August 1983

Correction

In FR Doc. 83-26755 beginning on page 44892 in the issue of Friday, September 30, 1983, make the following corrections:

1. On page 44893, PMN No. 83-1030, "Hydroxy functional acrylic" should have read "Hydroxy functional acrylic copolymer".

2. On page 44894, PMN No. 83-904, "4,4' = thio" should have read "4,4'-thio".

3. On page 44895, PMN Nos. 83-973 and 83-974, every place the symbol "="appeared (seven places), it should have been "-".

BILLING CODE 1505-01-M

[Docket No. ECAO-CD-81-1; ORD-FRC 2460-2]

Air Quality Criteria for Ozone and Other Photochemical Oxidants; Meeting

AGENCY: Environmental Protection Agency.

ACTION: Notice of public meeting.

SUMMARY: A workshop on the health effects of ozone and other photochemical oxidants will be held by the EPA Environmental Criteria and Assessment Office at the Sheraton Crabtree Motor Inn in Raleigh, North Carolina on November 16-18, 1983 to facilitate preparation of the working draft chapters on respiratory tract

transport and absorption, toxicological effects in experimental animals, clinical studies, and epidemiology of the revised *EPA Air Quality Criteria Document for Ozone and Other Photochemical Oxidants*. The workshop will begin each day at 9:00 a.m. and will end about 5:00 p.m. Pre-registration for the workshop is required.

FOR FURTHER INFORMATION CONTACT: Beverly E. Tilton, EPA Project Officer, Environmental Criteria and Assessment Office, MD-52, U.S. Environmental Protection Agency, Research Triangle Park, N.C. 27711, telephone 919/541-4161.

SUPPLEMENTARY INFORMATION: The existing criteria document, *Air Quality Criteria for Ozone and Other Photochemical Oxidants* (EPA-600/8-78-004), is being updated and revised pursuant to sections 108 and 109 of the Clean Air Act, as amended, 42 U.S.C. §§ 7408 and 7409, and will be used as a basis for the review and, as appropriate, revision of the National Ambient Air Quality Standards (NAAQS) for ozone. As part of this process, a panel of consulting authors and contributors, EPA scientists, and non-EPA scientific experts will discuss the draft chapters and ways of resolving outstanding scientific issues at a public workshop. Peer-review comments received at the workshop will be taken into account in further revisions of the draft chapters to be included as part of an external review draft of the ozone document to be released for formal public comment and review by the Clean Air Science Advisory Committee of EPA's Scientific Advisory Board in 1984.

Pre-registration for this workshop is required. Persons wishing to attend as observers should contact Beverly Tilton (See **"FURTHER INFORMATION"** above). Copies of the draft chapters to be discussed will be provided at the meeting to such observers, who will have an opportunity to make brief oral statements should they so desire. Opportunity for thorough public review of the revised chapters and submission of written comments will also be provided when the first external draft of the entire document is made available for public comment.

Dated: October 25, 1983.

David J. Graham,

Acting Assistant Administrator for Research and Development (RD-672).

[FR Doc. 83-29453 Filed 10-28-83; 8:45 am]

BILLING CODE 6560-50-M

[WH-FRL-2460-6]

National Drinking Water Advisory Council; Request for Nomination of Members

The Environmental Protection Agency (EPA) invites all interested persons to nominate qualified individuals to serve as members of the National Drinking Water Advisory Council. This Advisory Council was established to provide advice, consultation and recommendations to the Agency on the activities, functions and policies relating to the implementation of the Safe Drinking Water Act, as amended, which became effective December 16, 1974. The Charter for this Advisory Committee is reproduced below.

Any interested person or organization may nominate qualified persons for membership. Nominees should be identified by name, occupation, position, address, and telephone number. Nominations should include a résumé of the nominee's background, experience and qualifications.

This request for nominations does not imply any commitment by the Agency as to the procedure to be followed in making selections.

Persons selected for membership will receive per diem compensation for travel and nominal daily compensation while attending meetings.

Nominations should be submitted to the Executive Assistant, National Drinking Water Advisory Council, Office of Drinking Water (WH-550), Environmental Protection Agency, Washington, D.C. 20460, no later than November 30, 1983. The Agency will not formally acknowledge or respond to nominations.

Dated: October 18, 1983.

Victor J. Kimm,

Director, Office of Drinking Water.

National Drinking Water Advisory Council

1. *Purpose.* This Charter is reissued for the National Drinking Water Advisory Council in accordance with the requirements of the Federal Advisory Committee Act, 5 U.S.C. (App. I) 9(c).

2. *Authority.* The Council was created on December 16, 1974, under the Safe Drinking Water Act of 1974, Pub. L. 93-533, 42 U.S.C. 300j-5 and the charter was renewed on December 23, 1976, December 1, 1978, and November 7, 1980.

3. *Objective and Scope of Activity.* The Council advises, consults with, and makes recommendations on a continuing basis to the Administrator, through the Assistant Administrator for Water, on matters relating to activities, functions, and policies of the Agency under the Safe Drinking Water Act.

4. *Functions.* The Council provides practical and independent advice to the Agency on matters and policies relating to drinking water quality and hygiene, and maintains an awareness of developing issues and problems in the drinking water area. It reviews and advises the Administrator on regulations and guidelines that are required by the Safe Drinking Water Act; makes recommendations concerning necessary special studies and research; recommends policies with respect to the promulgation of drinking water standards; assists in identifying emerging environmental or health problems related to potentially hazardous constituents in drinking water; and proposes actions to encourage cooperation and communication between the Agency and other governmental agencies, interested groups, the general public, and technical associations and organizations on drinking water quality.

5. *Composition and Meetings.* The Council consists of fifteen members including a Chairperson, appointed by the Administrator after consultation with the Secretary, Department of Health and Human Services. Five members shall be appointed from the general public; five members shall be appointed from appropriated State and local agencies concerned with water hygiene and public water supply; and five members shall be appointed from representatives of private organizations or groups demonstrating an active interest in the field of water hygiene and pubilc water supply. Except as provided in Section 1446 of the Safe Drinking Water Act, each member of the Council will hold office for a term of three years and will be eligible for reappointment. The Council is authorized to form subcommittees from time to time to consider specific matters and report back to the full Council. Such subcommittees shall consist of the members of the Council. Meetings will be held as necessary and convened by the Assistant Administrator for Water. A full-time salaried officer or employee of EPA will be designated as the Executive Secretary. Each meeting will be conducted in accordance with an agenda approved in advance of the meeting by the designated Agency official. The Executive Secretary will be present at all meetings and is authorized to adjourn any meeting whenever it is determined to be in the public interest. The estimated annual operating cost of the Council is approximately $60,000, which includes .75 work-year of staff support. The Office of Water will provide the necessary staff and support for the Council.

6. *Duration.* As provided in the Safe Drinking Water Act, "Section 14(a) of the Federal Advisory Committee Act (relating to termination) shall not apply to the Council." However, the Charter is subject to the renewal process upon the expiration of each successive two-year period following the date of enactment of the Act establishing this Council.

7. *Supersession.* The former National Drinking Water Advisory Council charter signed on November 7, 1980 is hereby superseded.

Approval Date, November 19, 1982.

Date Filed with Congress, November 20, 1982.

Anne M. Gorsuch

Administrator.

[FR Doc. 83-29452 Filed 10-28-83; 8:45 am]

BILLING CODE 6560-50-M

[OPTS-51465C; BH-FRL 2451-1]

Alkyl-Substituted Aromatic Amine; Premanufacture Notice; Extension of Review Period

Correction

In FR Doc. 83-27782 beginning on page 46617 in the issue of Thursday, October 13, 1983, make the following correction. In column three, **SUPPLEMENTARY INFORMATION,** line six, "EMN" should read "PMN" and "RPA" should read "EPA".

BILLING CODE 1505-01-M

[ORD-FRL 2461-1]

Draft Health Assessment Documents for Epichlorohydrin and Vinylidene Chloride

AGENCY: Environmental Protection Agency.

ACTION: Notice of Availability.

SUMMARY: A number of solvents and associated compounds which are emitted to the ambient air are currently being studied by the Environmental Protection Agency to determine whether they should be regulated as hazardous air pollutants under the Clean Air Act. One of the actors in the Agency's study of these compounds is the evaluation of available information pertaining to human health effects. The evaluation for the compounds listed below is contained in draft health assessment documents prepared by the Office of Health and Environmental Assessment of the Office of Research and Development. In order to have a thorough review of the scientific aspects of these documents, external review drafts will be transmitted to the Agency's Science Advisory Board (SAB) for review, and simultaneously, will be made available for public review and comment.

The titles and publication numbers of the draft health assessment documents are:

Title	EPA No.
Health Assessment Document for Epichlorohydrin	600/8-83-032A
Health Assessment Document for Vinylidene Chloride.	600/8-83-031A.

The draft documents on epichlorohydrin and vinylidene chloride will be available for public review on or about November 7, 1983 and the Agency will accept public comments until January 6, 1984.

After receipt of all public comments on these documents, the SAB will hold public meetings to review the documents. Advance notices announcing the time and place for the SAB public meetings and document agenda will be made in the **Federal Register.**

Those persons interested in commenting on the scientific merit of the draft documents will be able to obtain copies as follows:

(1) The draft documents will be available in single copy quantity during the comment period from EPA at the following address: ORD Publications—CERI-FR, U.S. Environmental Protection Agency, Cincinnati, Ohio 45268, Tel: 513/684-7562. Requesters should be sure to cite the EPA number assigned to the document.

(2) The draft documents will also be available for public inspection and copying at the EPA library at Waterside Mall, 401 M Street, S.W., Washington, D.C. 20460.

Comments must be received by close of business, January 6, 1984, in order to be considered. Commenters are requested to submit separate comments for each document rather than making a combined submission. Comments must be made in writing and should be addressed in the manner below:

- For epichlorohydrin: send comments to William G. Ewald, Environmental Criteria and Assessment Office (MD-52), U.S. Environmental Protection Agency, Research Triangle Park, North Carolina 27711.
- For vinylidene chloride: send comments to Robert M. Bruce, Ph.D., same address as above.

After receipt of all public comments on these documents, the SAB will hold public meetings to review the documents. Advance notices announcing the time and place for the SAB public meetings and document agenda will be made in the **Federal Register.**

FOR FURTHER INFORMATION CONTACT: Ms. Diane Chappell, Tel: 919/541-3637.

Dated: October 25, 1983.

David J. Graham,

Acting Assistant Administrator for Research and Development.

[FR Doc. 83-29578 Filed 10-28-83; 8:45 am]

BILLING CODE 6560-50-M

FEDERAL EMERGENCY MANAGEMENT AGENCY

[FEMA-692-DR]

Major Disaster and Related Determinations; New Mexico

AGENCY: Federal Emergency Management Agency.

ACTION: Notice.

SUMMARY: This is a notice of the Presidential declaration of a major disaster for the State of New Mexico (FEMA-692-DR), dated October 24, 1983, and related determinations.

DATED: October 24, 1983.

FOR FURTHER INFORMATION CONTACT: Sewall H.E. Johnson, Disaster Assistance Programs, Federal Emergency Management Agency, Washington, D.C. 20472 (202) 287-0501.

Notice: Notice is hereby given that, in a letter of October 24, 1983, the President declared a major disaster under the authority of the Disaster Relief Act of 1974, as amended, (42 U.S.C. 5121 *et seq.*, Pub. L. 93-288) as follows:

> I have determined that the damage in certain areas of the State of New Mexico, resulting from severe storms and flooding, beginning on September 18, 1983, is of sufficient severity and magnitude to warrant a major-disaster declaration under Public Law 93-288. I therefore declare that such a major disaster exists in the State of New Mexico.
>
> In order to provide Federal assistance, you are hereby authorized to allocate, from funds available for these purposes, such amounts as you find necessary for Federal disaster assistance and administrative expenses. Consistent with the requirement that Federal assistance be supplemental, any Federal funds provided under Pub. L. 93-288 for Public Assistance will be limited to 75 percent of total eligible costs in the designated area.

The time period prescribed for the implementation of Section 313(a), priority to certain applications for public facility and public housing assistance, shall be for a period not to exceed six months after the date of this declaration.

Notice is hereby given that pursuant to the authority vested in the Director of the Federal Emergency Management Agency under Executive Order 12148, and redelegated to me, I hereby appoint Mr. Lonnie R. Chant of the Federal Emergency Management Agency to act as the Federal Coordinating Officer for this declared disaster.

I do hereby determine the following areas of the State of New Mexico to have been affected adversely by this declared major disaster: The Counties of

Catron, Grant and Hidalgo for Public Assistance only.

[Catalog of Federal Domestic Assistance No. 83.516, Disaster Assistance. Billing Code 6718-02.]

Dave McLoughlin,

Deputy Associate Director, State and Local Programs and Support, Federal Emergency Management Agency.

[FR Doc. 83-29478 Filed 10-28-83; 8:45 am]

BILLING CODE 6718-01-M

FEDERAL HOME LOAN BANK BOARD

[No. AC-291]

Magnet Bank, FSB, Charleston, West Virginia; Final Action, Approval of Conversion Application

Dated: October 24, 1983.

Notice is hereby given that on September 30, 1983, the Office of General Counsel of the Federal Home Loan Bank Board, acting pursuant to the authority delegated to the General Counsel or his designee, approved the application of Magnet Bank, FSB, Charleston, West Virginia, for permission to convert to the stock form of organization. Copies of the application are available for inspection at the Secretariat of the Board, 1700 G Street, NW., Washington, D.C. 20552, and at the Office of the Supervisory Agent of the Federal Home Loan Bank of Pittsburgh, Eleven Stanwix Street, Fourth Floor, Gateway Center, Pittsburgh, Pennsylvania 15222-1395.

By the Federal Home Loan Bank Board.

John F. Ghizzoni,

Assistant Secretry.

[FR Doc. 83-29470 Filed 10-28-83 8:45 am]

BILLING CODE 6720-01-M

[No. AC-290]

St. Louis Federal Savings and Loan Association, Clayton, Missouri; Final Action, Approval of Conversion Application

Dated: October 24, 1983.

Notice is hereby given that on September 30, 1983, the Office of General Counsel of the Federal Home Loan Bank Board, acting pursuant to the authority delegated to the General Counsel or his designee, approved the application of St. Louis Federal Savings and Loan Association, Clayton, Missouri, for permission to convert to the stock form of organization. Copies of the application are available for inspection at the Secretariat of the Board, 1700 G Street, N.W., Washington, D.C. 20552, and at the Office of the Supervisory Agent of the Federal Home Loan Bank of Des Moines, 907 Walnut Street, Des Moines, Iowa 50309.

By the Federal Home Loan Bank Board.

John F. Ghizzoni,

Assistant Secretary.

[FR Doc. 83-29471 Filed 10-28-83 8:45 am]

BILLING CODE 6720-01-M

FEDERAL MARITIME COMMISSION

Independent Ocean Freight Forwarder License; Applicants

Notice is hereby given that the following applicants have filed with the Federal Maritime Commission applications for licenses as independent ocean freight forwarders pursuant to section 44(a) of the Shipping Act, 1916 75 (stat. 522 and 46 U.S.C. 841(c)).

Persons knowing of any reason why any of the following applicants should not receive a license are requested to communicate with the Director, Bureau of Tariffs, Federal Maritime Commission, Washington, D.C. 20573.

Joseph W. Daly d.b.a. Argonaut Maritime Company, 100 Church Street, New York, NY 10007

Gunter Wegner d.b.a. Wegner International Forwarding Company, 5333 Tally Green Drive, Marietta, GA 30067

George M. Hodgson d.b.a. International Expediters Services, c/o 5812 8th Avenue, Los Angeles, CA 90043

Logistics & Transportation Services, Inc., 222 East Redwood Street, Suite 200, Baltimore, MD 21202. Officers: William J. Klauberg, President/Director, Bart F. O'Brien, Vice President/Director, Gary V. Morden, Secretary/Treasurer/Director

Daniel H. Cheung, 919 Lurline Drive, Foster City, CA 94404

Select Shipping, Inc., 253 New Dorp Lane, P.O. Box 276, Staten Island, NY 10306. Officers: Marina Vargas, President, Annette A. Cazenave, Vice President, Ellen Rosenfeld, Vice President

Josh Brown Enterprises, Inc. d.b.a. Ocean Transport International, 220 West Iry, Inglewood, CA 90302. Officers: Josh Brown, President, Robert J. Gesso, Secretary/Treasurer, Katharina Schaefer, Vice President

American International Services, Inc., 1025 Connecticut Avenue, N.W., Suite 1009, Washington, D.C. 20036. Officers: Lewis E. Anderson, President, Jackie Anderson, Treasurer, Allen E. Hirschmann, Vice President, George Schweitzer, Secretary.

Dated: October 26, 1983.

By the Federal Maritime Commission.

Francis C. Hurney,

Secretary.

[FR Doc. 83-29519 Filed 10-28-83; 8:45 am]

BILLING CODE 6730-01-M

[Independent Ocean Freight Forwarder License No. 1476]

American International Forwarders, Inc.; Order of Revocation

On October 20, 1983, American International Forwarders, Inc., 2100 Travis Street, #615, Houston, TX 77002 requested the Commission to revoke its Independent Ocean Freight Forwarder License No. 1476.

Therefore, by virtue of authority vested in me by the Federal Maritime Commission in as set forth in the Manual of Orders, Commission Order No. 1 (Revised), § 9.09(e) dated September 27, 1983;

It is ordered, that Independent Ocean Freight Forwarder License No. 1476, be revoked effective October 20, 1983.

It is further ordered, that a copy of this order be published in the **Federal Register** and served upon October 20, 1983.

Robert G. Drew,

Director, Bureau of Tariffs.

[FR Doc. 83-29522 Filed 10-28-83; 8:45 am]

BILLING CODE 6730-01-M

[Independent Ocean Freight Forwarder License No. 923]

Frank P. Dow Co., Inc.; Order of Revocation

On October 17, 1983, Frank P. Dow Co., Inc., 615 W. Walnut Street, Compton, CA 90220 requested the Commission to revoke its Independent Ocean Freight Forwarder License No. 923 due to the merger of this company with its parent company, F. W. Myers & Co., Inc.

Therefore, by virtue of authority vested in me by the Federal Maritime Commission as set forth in Manual of Orders, Commission Order No. 1 (Revised), § 9.09(e) dated September 27, 1983;

It is ordered, that Independent Ocean Freight Forwarder License No. 923, be revoked effective October 17, 1983, without prejudice to reapplication for a license in the future.

It is further ordered, that a copy of this order be published in the **Federal**

Register and served upon Frank P. Dow Co., Inc.

Robert G. Drew,

Director, Bureau of Tariffs.

[FR Doc. 83-29521 Filed 10-28-83; 8:45 am]

BILLING CODE 6730-01-M

[Independent Ocean Freight Forwarder License No. 2303R]

Gray International, Inc.; Order of Revocation

Section 44(c), Shipping Act, 1916, provides that no independent ocean freight forwarder license shall remain in force unless a valid bond is in effect and on file with the Commission. Rule 510.15(d) of Federal Maritime Commission General Order 4 further provides that a license shall be automatically revoked for failure of a licensee to maintain a valid bond on file.

The bond issued in favor of Gray International, Inc., P.O. Box 6485, Denver, CO 80206 was cancelled effective September 28, 1983.

By letter dated September 6, 1983, Gray International, Inc. was advised by the Federal Maritime Commission that Independent Ocean Freight Forwarder License No. 2303R would be automatically revoked unless a valid surety bond was filed with the Commission.

Gray International, Inc. has failed to furnish a valid bond.

By virtue of authority vested in me by the Federal Maritime Commission as set forth in Manual of Orders, Commission Order No. 1 (Revised), § 9.09(f) dated September 27, 1983;

Notice is hereby given, that Independent Ocean Freight Forwarder License No. 2303R be and is hereby revoked effective September 28, 1983.

It is ordered, that a copy of this order be published in the **Federal Register** and served upon Gray International, Inc.

Robert G. Drew,

Director, Bureau of Tariffs.

[FR Doc. 83-29524 Filed 10-28-83; 8:45 am]

BILLING CODE 6730-01-M

[Independent Ocean Freight Forwarder License No. 1950]

Interford Corp.; Order of Revocation

Section 44(c), Shipping Act, 1916, provides that no independent ocean freight forwarder license shall remain in force unless a valid bond is in effect and on file with the Commission. Rule 510.15(d) of Federal Maritime Commission General Order 4 further provides that a license shall be automatically revoked for failure of a licensee to maintain a valid bond on file.

The bond issued in favor of Interford Corporation, 7913 NW., 71st Street, Miami, FL 33166 was cancelled effective October 19, 1983.

By letter dated September 22, 1983, Interford Corporation was advised by the Federal Maritime Commission that Independent Ocean Freight Forwarder License No. 1950 would be automatically revoked unless a valid surety bond was filed with the Commission.

Interford Corporation has failed to furnish a valid bond.

By virtue of authority vested in me by the Federal Maritime Commission as set forth in Manual of Orders, Commission Order No. 1 (Revised), § 9.09(f) dated September 27, 1983;

Notice is hereby given, that Independent Ocean Freigh Forwarder License No. 1950 be and is hereby revoked effective October 19, 1983.

It is ordered, that Independent Ocean Freight Forwarder License No. 1950 issued to Interford Corporation be returned to the Commission for cancellation.

It is further ordered, that a copy of this Order be published in the **Federal Register** and served upon Interford Corporation.

Robert G. Drew,

Director, Bureau of Tariffs.

[FR Doc. 83-29525 Filed 10-28-83; 8:45 am]

BILLING CODE 6730-01-M

[Independent Ocean Freight Forwarder License No. 2072]

Jet Express, Inc.; Order of Revocation

Section 44(c), Shipping Act, 1916, provides that no independent ocean freight forwarder license shall remain in force unless a valid bond is in effect and on file with the Commission. Rule 510.15(d) of Federal Maritime Commission General Order 4 further provides that a license shall be automatically revoked for failure of a licensee to maintain a valid bond on file.

The bond issued in favor of Jet Express, Inc., 7343 NW., 54th Street, Miami, FL 33166 was cancelled effective October 19, 1983.

By letter dated September 22, 1983, Jet Express, Inc. was advised by the Federal Maritime Commission that Independent Ocean Freight Forwarder License No. 2072 would be automatically revoked unless a valid surety bond was filed with the Commission.

Jet Express, Inc. has failed to furnish a valid bond.

By virtue of authority vested in me by the Federal Maritime Commission as set forth in Manual of Orders, Commission Order No. 1 (Revised), § 9.09(f) dated September 27, 1983;

Notice is hereby given, that Independent Ocean Freight Forwarder License No. 2072 be and is hereby revoked effective October 19, 1983.

It is ordered, that Independent Ocean Freight Forwarder License No. 2072 issued to Jet Express, Inc. be returned to the Commission for cancellation.

It is further ordered, that a copy of this Order be published in the **Federal Register** and served upon Jet Express, Inc.

Robert G. Drew,

Director, Bureau of Tariffs.

[FR Doc. 83-29523 Filed 10-28-83; 8:45 am]

BILLING CODE 6730-01-M

[Independent Ocean Freight Forwarder License No. 1397R]

F. W. Myers (Atlantic) & Co., Inc.; Order of Revocation

On October 17, 1983, F. W. Myers (Atlantic) & Co., One World Trade Center, No. 3211, New York, NY 10048 requested the Commission to revoke its Independent Ocean Freight Forwarder License No. 1397R due to the merger of this company with its parent company, F. W. Myers & Co., Inc.

Therefore, by virtue of authority vested in me by the Federal Maritime Commssion as set forth in Manual of Orders, Commission Order No. 1 (Revised), section 9.09(e) dated September 27, 1983;

It is ordered, that Independent Ocean Freight Forwarder License No. 1397R, be revoked effective October 17, 1983, without prejudice to reapplication for a license in the future.

It is further ordered, that a copy of this Order be published in the **Federal Register** and served upon F. W. Myers (Atlantic) & Co., Inc.

Robert G. Drew,

Director, Bureau of Tariffs.

[FR Doc. 83-29520 Filed 10-28-83; 8:45 am]

BILLING CODE 6730-01-M

[Independent Ocean Freight Forwarder License No. 1414R]

Universal Shipping Corp.; Order of Revocation

Section 44(c), Shipping Act, 1916, provides that no independent ocean freight forwarder license shall remain in force unless a valid bond is in effect and on file with the Commission. Rule 510.15(d) of Federal Maritime Commission General Order 4 further

provides that a license shall be automatically revoked for failure of a licensee to maintain a valid bond on file.

The bond issued in favor of Universal Shipping Corporation, 1441 W. 132nd Street, Gardena, CA 90249 was cancelled effective October 15, 1983.

By letter dated October 11, 1983, Universal Shipping Corporation was advised by the Federal Maritime Commission that Independent Ocean Freight Forwarder License No. 1414R would be automatically revoked unless a valid surety bond was filed with the Commission.

Universal Shipping Corporation has failed to furnish a valid bond.

By virtue of authority vested in me by the Federal Maritime Commission as set forth in Manual of Orders, Commission Order No. 1 (Revised), § 9.09(f) dated September 27, 1983:

Notice is hereby given, that Independent Ocean Freight Forwarder Licnese No. 1414R be and is hereby revoked effective October 15, 1983.

It is ordered, that Independent Ocean Freight Forwarder License No. 1414R issued to Universal Shipping Corporation be returned to the Commission for cancellation.

It is further ordered, that a copy of this Order be published in the **Federal Register** and served upon Universal Shipping Corporation.

Robert G. Drew,

Director, Bureau of Tariffs.

[FR Doc. 83-29528 Filed 10-28-83; 8:45 am]

BILLING CODE 6730-01-M

FEDERAL RESERVE SYSTEM

Barnett Banks of Florida, Inc.; Acquisition of Bank Shares by a Bank Holding Company

Barnett Banks of Florida, Inc., Jacksonville, Florida, has applied for the Board's approval under 3(a)(3) of the Bank Holding Company Act (12 U.S.C. 1842(a)(3)) to acquire up to 100 percent of the voting shares of up to 100 percent of the outstanding nonvoting series A cumulative convertible Preferred Stock of Florida Coast Banks, Inc., Pompano Beach, Florida. The factors that are considered in acting on the application are set forth in 3(c) of the Act (12 U.S.C. 1842(c)).

Barnett Banks of Florida, Inc., Jacksonville, Florida, has also applied, pursuant to section 4(c)(8) of the Bank Holding Company Act (12 U.S.C. 1843(c)(8)) and § 225.4(b)(2) of the Board's Regulation Y (12 CFR 225.4(b)(2)), for permission to acquire voting shares of Midlantic/Florida Coast Holdings, Inc., Edison, New Jersey, Florida Coast Midlantic Trust Company, N.A., Lighthouse Point, Florida, and Florida Coast Collection Services, Inc., Margate, Florida.

Applicant states that the proposed subsidiary would engage in trust company activities and collection services. These activities would be performed from offices of Applicant's subsidiary in Florida, serving the entire States of Florida. Such activites have been specified by the Board in § 225.4(a) of Regulation Y as permissible for bank holding companies, subject to Board approval of individual proposals in accordance with the procedures of § 225.4(b).

Interested persons may express their views on the question whether consummation of the proposal can "reasonably be expected to produce benefits to public, such as greater convenience, increased competitions, or gains in efficiency, that outweigh possible adverse effects, such as under concentration of resources, decreased or unfair competition, conflicts of interests, or unsound banking practices." Any request for a hearing on this question must be accompanied by a statement of the reasons a written presentation would not suffice in lieu of a hearing, identifying specifically any questions of fact that are in dispute, summarizing the evidence that would be presented at a hearing, and indicating how the party commenting would be aggrieved by approval of the proposal.

The application may be inspected at the offices of the Board of Governors or at the Federal Reserve Bank of Atlanta.

Any views or requests for hearing should be submitted in writting and received by William W. Wiles, Secretary, Board of Governors of the Federal Reserve System, Washington, D.C. not later than November 25, 1983.

Board of Governors of the Federal Reserve System, October 25, 1983.

James McAfee,

Associate Secretary of the Board.

[FR Doc. 83-29442 Filed 10-28-83; 8:45 am]

BILLING CODE 6210-01-M

Depositors Corp.; Proposed Retention of Homeowners Mortgage Company

Depositors Corporation, Augusta, Maine, has applied, pursuant to section 4(c)(8) of the Bank Holding Company Act (12 U.S.C. 1843(c)(8) and § 225.4(b)(2) of the Board's Regulation Y (12 CFR 225.4(b)(2)), for permission to retain voting shares of Homeowners Mortgage Company, Nashua, New Hampshire.

Applicant states that the proposed subsidiary would engage in the activities of mortgage origination and sale of such mortgages in the secondary market. These activities would be performed from offices of Applicant's subsidiary in Nashua, New Hampshire, and the geographic area to be served is southern New Hampshire. Such activities have been specified by the Board in § 225.4(a) of Regulation Y as permissible for bank holding companies, subject to Board approval of individual proposals in accordance with the procedures of § 225.4(b).

Interested persons may express their views on the question whether consummation of the proposal can "reasonably be expected to produce benefits to the public, such as greater convenience, increased competition, or gains in efficiency, that outweigh possible adverse effects, such as undue concentration of resources, decreased or unfair competition, conflicts of interests, or unsound banking practices." Any request for a hearing on this question must be accompanied by a statement of the reasons a written presentation would not suffice in lieu of a hearing, identifying specifically any questions of fact that are in dispute, summarizing the evidence that would be presented at a hearing, and indicating how the party commenting would be aggrieved by approval of the proposal.

The application may be inspected at offices of the Board of Governors or at the Federal Reserve Bank of New York.

Any views or requests for hearing should be submitted in writing and received by William W. Wiles, Secretary, Board of Governors of the Federal Reserve System, Washington, D.C., not later than November 21, 1983.

Board of Governors of the Federal Reserve System, October 24, 1983.

James McAfee,

Associate Secretary of the Board.

[FR Doc. 83-29438 Filed 10-28-83; 8:45 am]

BILLING CODE 6210-01-M

Federal Reserve Bank of Boston, et al.; Formation of Bank Holding Companies

The companies listed in this notice have applied for the Board's approval under section 3(a)(1) of the Bank Holding Company Act (12 U.S.C. 1842(a)(1)) to become bank holding companies by aquiring voting shares or assets of a bank. The factors that are considered in acting on the applications are set forth in section 3(c) of the Act (12 U.S.C. 1842(c)).

Each application may be inspected at the offices of the Board of Governors, or at the Federal Reserve Bank indicated for that application. With respect to

each application, interested persons may express their views in writing to the address indicated for that application. Any comment on an application that requests a hearing must include a statement of why a written presentation would not suffice in lieu of a hearing, identifying specifically any questions of fact that are in dispute and summarizing the evidence that would be presented at a hearing.

A. **Federal Reserve Bank of Boston** (Richard E. Randall, Vice President) 600 Atlantic Avenue, Boston, Massachusetts 02106:

1. *Charter Financial Corporation*, Framingham, Massachusetts; to become a bank holding company by acquiring 100 percent of the voting shares of Framingham Trust Company, Framingham, Massachusetts. Comments on this application must be received not later than November 22, 1983.

B. **Federal Reserve Bank of Atlanta** (Robert E. Heck, Vice President) 104 Marietta Street, NW., Atlanta, Georgia 30303:

1. *Gulf Coast Bancshares, Inc.*, Abbeville, Louisiana; to become a bank holding company by acquiring 66.7 percent of the voting shares of Gulf Coast Bank, Abbeville, Louisiana. Comments on this application must be received not later than November 22, 1983.

C. **Federal Reserve Bank of Chicago** (Franklin D. Dreyer, Vice President) 230 South LaSalle Street, Chicago, Illinois 60690:

1. *Park Bancorporation, Inc.*, Madison, Wisconsin; to become a bank holding company by acquiring 85.45 percent or more of the voting shares of The Park Bank, Madison, Wisconsin. Comments on this application must be received not later than November 22, 1983.

D. **Federal Reserve Bank of St. Louis** (Delmer P. Weisz, Vice President) 411 Locust Street, St. Louis, Missouri 63166:

1. *Citizens National Bancshares of Hope, Inc.*, Hope, Arkansas; to become a bank holding company by acquiring 80 percent of the voting shares of the Citizens National Bank of Hope, Hope, Arkansas. Comments on this application must be received not later than November 25, 1983.

2. *United Southern Corporation*, Clarksdale, Mississippi; to become a bank holding company by acquiring 100 percent of the voting shares of United Souther Bank, Clarksdale, Mississippi. Comments on this application must be received not later than November 25, 1983.

E. **Federal Reserve Bank of Minneapolis** (Bruce J. Hedblom, Vice President) 250 Marquette Avenue, Minneapolis, Minnesota 55480:

1. *Wyoming Bancshares, Inc.*, Wyoming, Minnesota; to become a bank holding company by acquiring 94 percent of the voting shares of 1st State Bank of Wyoming, Wyoming, Minnesota. Comments on this application must be received not later than November 21, 1983.

F. **Federal Reserve Bank of Kansas City** (Thomas M. Hoenig, Vice President) 925 Grand Avenue, Kansas City, Missouri 64198:

1. *First United Holding Company*, St. John, Kansas; to become a bank holding company by acquiring 96 percent of the voting shares of First National Bank and Trust of St. John, Kansas, St. John, Kansas. Comments on this application must be received not later than November 16, 1983.

G. **Federal Reserve Bank of Dallas** (Anthony J. Montelaro, Vice President) 400 South Akard Street, Dallas, Texas 75222:

1. *Planters United Bancshares, Inc.*, Rosebud, Texas; to become a bank holding company by acquiring 100 percent of the voting shares of The Planters National Bank of Rosebud, Rosebud, Texas. Comments on this application must be received not later than November 25, 1983.

2. *PSB Financial Corporation*, Many, Louisiana; to become a bank holding company by acquiring 80 percent of the voting shares of Peoples State Bank, Many, Louisiana. Comments on this application must be received not later than November 25, 1983.

H. **Federal Reserve Bank of San Francisco** (Harry W. Green, Vice President) 101 Market Street, San Francisco, California 94105:

1. *Western Security Financial Corporation*, Salem, Oregon; to become a bank holding company by acquiring 100 percent of the voting shares of Western Security Bank, Salem, Oregon. Comments on this application must be received not later than November 22, 1983.

Board of Governors of the Federal Reserve System, October 25, 1983.

James McAfee,

Associate Secretary of the Board.

[FR Doc. 83-29444 Filed 10-28-83; 8:45 am]

BILLING CODE 6210-01-M

Federal Reserve Bank of Chicago; Acquisition of Bank Shares by a Bank Holding Company

The company listed in this notice has applied for the Board's approval under section 3(a)(3) of the Bank Holding Company Act (12 U.S.C. 1842(a)(3)) to acquire voting shares or assets of a bank. The factors that are considered in acting on the application are set forth in 3(c) of the Act (12 U.S.C. 1842(c)).

The application may be inspected at the offices of the Board of Governors, or at the Federal Reserve Bank indicated. With respect to the application, interested persons may express their views in writing to the address indicated. Any comment on the application that requests a hearing must include a statement of why a written presentation would not suffice in lieu of a hearing, identifying specifically any questions of fact that are in dispute and summarizing the evidence that would be presented at a hearing.

A. **Federal Reserve Bank of Chicago** (Franklin D. Dreyer, Vice President) 230 South LaSalle Street, Chicago, Illinois 60690:

1. *CB Financial Corporation*, Jackson, Michigan; to acquire 100 percent of the voting shares or assets of Clinton Bank and Trust Company, St. Johns, Michigan. Comments on this application must be received not later than November 22, 1983.

Board of Governors of the Federal Reserve System, October 25, 1983.

James McAfee,

Associate Secretary of the Board.

[FR Doc.83-29443 Filed 10-28-83; 8:45 am]

BILLING CODE 6210-01-M

Federal Reserve Bank of Cleveland; Acquisition of Bank Shares by a Bank Holding Company

The company listed in this notice has applied for the Board's approval under section 3(a)(3) of the Bank Holding Company Act (12 U.S.C. 1842(a)(3)) to acquire voting shares or assets of a bank. The factors that are considered in acting on the application are set forth in section 3(c) of the Act (12 U.S.C. 1842(c)).

The application may be inspected at the offices of the Board of Governors, or at the Federal Reserve Bank indicated. With respect to the application, interested persons may express their views in writing to the address indicated. Any comment on the application that requests a hearing must include a statement of why a written presentation would not suffice in lieu of a hearing, identifying specifically any questions of fact that are in dispute and summarizing the evidence that would be presented at a hearing.

A. **Federal Reserve Bank of Cleveland** (Lee S. Adams, Vice President) 1455 East Sixth Street, Cleveland, Ohio 44101:

1. *Community Bancshares, Inc.*, McArthur, Ohio; to acquire 100 percent of the voting shares of The First Bremen Bank, Bremen, Ohio. Comments on this application must be received not later than November 22, 1983.

Board of Governors of the Federal Reserve System, October 24, 1983.

James McAfee,

Associate Secretary of the Board.

[FR Doc. 83-29437 Filed 10-28-83; 8:45 am]

BILLING CODE 6210-01-M

Federal Reserve Bank of St. Louis, et al; Formation of Bank Holding Companies

The companies listed in this notice have applied for the Board's appoval under section 3(a)(1) of the Bank Holding Company Act (12 U.S.C. 1842(a)(1)) to become bank holding companies by acquiring voting shares or assets of a bank. The factors that are considered in acting on the applications are set forth in 3(c) of the Act (12 U.S.C. 1842(c)).

Each application may be inspected at the offices of the Board of Governors, or at the Federal Reserve Bank indicated for that application. With respect to each application, interested persons may express their views in writing to the address indicated for that application. Any comment on an application that requests a hearing must include a statement of why a written presentation would not suffice in lieu of a hearing, identifying specifically any questions of fact that are in dispute and summarizing the evidence that would be presented at a hearing.

A. **Federal Reserve Bank of St. Louis** (Delmer P. Weisz, Vice President) 411 Locust Street, St. Louis, Missouri 63166:

1. *Mid-Southern Indiana Bancorp,* Seymour, Indiana; to become a bank holding company by acquiring 80 percent of the voting shares of The Seymour National Bank, Seymour, Indiana. Comments on this application must be received not later than November 22, 1983.

B. **Federal Reserve Bank of Dallas** (Anthony J. Montelaro, Vice President) 400 South Akard Street, Dallas, Texas 75222:

1. *Oak Forest Bancshares, Inc.,* Houston, Texas; to become a bank holding company by acquiring 100 percent of the voting shares of Oak Forest Bank, Houston, Texas, and Doctor's Center International Bank, Houston, Texas. Comments on this application must be received not later than November 22, 1983.

C. **Federal Reserve Bank of San Francisco** (Harry W. Green, Vice President) 101 Market Street, San Francisco, California 94105:

1. *Alaska Mutual Bancorporation,* Anchorage, Alaska; to become a bank holding company by acquiring 100 percent of the voting shares of Alaska Mutual Bank, Anchorage, Alaska. Comments on this application must be received not later than November 21, 1983.

Board of Governors of the Federal Reserve System, October 24, 1983.

James McAfee,

Associate Secretary of the Board.

[FR Doc. 83-29440 Filed 10-28-83; 8:45 am]

BILLING CODE 6210-01-01-M

Key Banks, Inc., Formation of Bank Holding Company

Key Banks, Inc., Albany, New York, has applied for the Board's approval under 3(a)(3) of the Bank Holding Company Act (12 U.S.C. 1842(a)(3)) to become a bank holding company by acquiring 100 percent of the voting shares of Depositors Corporation, Augusta, Maine, and thereby acquire indirectly, Depositors Trust Company, Augusta, Maine, Depositors Trust Company of Southern Maine, Portland, Maine, Depositors Trust Company of Aroostock, Fort Fairfield, Maine, and Depositors Trust Company of Eastern Maine, Bangor, Maine. The factors that are considered in acting on the application are set forth in 3(c) of the Act (12 U.S.C. 1842(c)).

Key Banks, Inc., Albany, New York, has also applied, pursuant to section 4(c)(8) of the Bank Holding Company Act (12 U.S.C. 1843(c)(8)) and § 225.4(b)(2) of the Board's Regulation Y (12 CFR 225.4(b)(2)), for permission to acquire indirectly voting shares of Homeowners Mortgage Company, Nashua, New Hampshire, and Firestone Financial Corporation, Newton Centre, Massachusetts.

Applicant states that the proposed subsidiaries would engage, respectively, in the activities of originating mortgage loans and selling them in the secondary market, and in secured commercial lending and leasing, principally for the financing of equipment. These activities would be performed from offices of Applicant's subsidiaries in Nashua, New Hampshire and Newton Centre, Massachusetts, respectively, and the geographic areas to be served are southern New Hampshire and the greater Boston area, respectively. Such activities have been specified by the Board in § 225.4(a) of Regulation Y as permissible for bank holding companies, subject to Board approval of individual proposals in accordance with the procedures of § 225.4(b).

Interested persons may express their views on the question whether consummation of the proposal can "reasonably be expected to produce benefits to the public, such as greater convenience, increased competition, or gains in efficiency, that outweigh possible adverse effects, such as undue concentration of resources, decreased or unfair competition, conflicts of interests, or unsound banking practices." Any request for a hearing on this question must be accompanied by a statement of the reasons a written presentation would not suffice in lieu of a hearing, identifying specifically any questions of fact that are in dispute, summarizing the evidence that would be presented at a hearing, and indicating how the party commenting would be aggrieved by approval of the proposal.

The application may be inspected at the offices of the Board of Governors or at the Federal Reserve Bank of New York.

Any views or requests for hearing should be submitted in writing and received by William W. Wiles, Secretary, Board of Governors of the Federal Reserve System, Washington, D.C. not later than November 21, 1983.

Board of Governors of the Federal Reserve System, October 24, 1983.

James McAfee,

Associate Secretary of the Board.

[FR Doc. 83-29439 Filed 10-28-83; 8:45 am]

BILLING CODE 6210-01-M

Bank Holding Companies; Proposed De Novo Nonbank Activities; Federal Reserve Bank of Boston, et al.

The organizations identified in this notice have applied, pursuant to section 4(c)(8) of the Bank Holding Company Act (12 U.S.C. 1843 (c)(8)) and § 225.4(b)(1) of the Board's Regulation Y (12 CFR 225.4(b)(1)), for permission to engage *de novo* (or continue to engage in an activity earlier commenced *de novo*), directly or indirectly, solely in the activities indicated, which have been determined by the Board of Governors to be closely related to banking.

With respect to these applications, interested persons may express their views on the question whether consummation of the proposal can "reasonably be expected to produce benefits to the public, such as greater convenience, increased competition, or gains in efficiency, that outweigh possible adverse effects, such as undue concentration of resources, decreased or unfair competition, conflicts of interests, or unsound banking practices." Any comment that requests a hearing must include a statement of the reasons a written presentation would not suffice in lieu of a hearing, identifying specifically any questions of fact that are in dispute, summarizing the evidence that would be presented at a hearing, and indicating

how the party commenting would be aggrieved by approval of that proposal.

The applications may be inspected at the offices of the Board of Governors or at the Federal Reserve Bank indicated. Comments and requests for hearing should identify clearly the specific application to which they relate, and should be submitted in writing and received by the appropriate Federal Reserve Bank not later than the date indicated.

A. **Federal Reserve Bank of Boston** (Richard E. Randall, Vice President) 600 Atlantic Avenue, Boston, Massachusetts 02106:

1. *Old Stone Corporation*, Providence, Rhode Island (mortgage banking activities; California and New Mexico): To engage *de novo* through its indirect subsidiary, UniMortgage Corporation of Arizona, Phoenix, Arizona, in acquiring, selling and servicing of first and second mortgage loans. These activities would be conducted from an existing office in Phoenix, Arizona, serving the states of California and New Mexico. Comments on this application must be received not later than November 24, 1983.

B. **Federal Reserve Bank of New York** (A. Marshall Puckett, Vice President) 33 Liberty Street, New York, New York 10045:

1. *Chemical New York Corporation*, New York, New York (industrial banking, financing, and insurance activities; Colorado): To continue to engage through its subsidiary, Denver Sunamerica Industrial Bank, in the previously approved activities of operating as an industrial bank in the manner authorized by the laws of the State of Colorado, including receiving time savings deposits; making direct loans and purchasing sales finance contracts and such other extensions of credit as would be made or acquired by an industrial bank; and making available to its debtors credit related insurance. These insurance activities are permissible pursuant to section 601(D) of the Garn-St Germain Depository Institutions Act of 1982. These activities would be conducted from a relocated office in Westminster, Colorado, serving the city of Westminster and its environs. Comments on this application must be received not later than November 23, 1983.

2. *Chemical New York Corporation*, New York, New York (financing and insurance activities; Georgia): To continue to engage through its indirect subsidiary, Sunamerica Corporation, in the previously approved activities of generating and servicing loans and other extensions of credit; making or acquiring consumer loans; acquiring installment contracts from retail sellers covering the time sales of goods and related services; making or acquiring loans and other extensions of credit to businesses (including but not limited to, inventory financing); making or acquiring extensions of credit secured by personal property lease contracts; making available to its debtors credit life, credit accident and health, mortgage life, mortgage disability and property and casualty insurance, all directly related to such extensions of credit, such insurance activities being permissible pursuant to sections 601 (A) and (D) of the Garn-St Germain Depository Institutions Act of 1982. These activities would be conducted from a relocated office in Atlanta, Georgia, serving the State of Georgia. Comments on this application must be received not later than November 23, 1983.

3. *Citicorp*, New York, New York (consumer finance and credit-related insurance activities): Florida: To establish a *de novo* office of Citicorp Person-to-Person Financial Center of Florida, Inc. and a *de novo* office of Citicorp Homeowners, Inc., to engage in the making or acquiring of loans and other extensions of credit, secured or unsecured, for consumer and other purposes; the sale of credit related life and accident and health insurance by licensed agents or brokers, as required; the sale of consumer oriented financial management courses; the servicing, for any person, of loans and other extensions of credit; the making, acquiring, and servicing, for its own account and for the account of others, of extensions of credit to individuals secured by liens on residential or non-residential real estate; and the sale of mortgage life and mortgage disability insurance directly related to extensions of mortgage loans. The activities of both will be conducted from a single office in Clearwater, Florida and will serve the entire State of Florida for all the aforementioned proposed activities. Comments on this application must be received not later than November 23, 1983.

4. *Citicorp*, New York, New York (consumer finance and credit-related insurance activities; Florida): To establish a *de novo* office of Citicorp Person-to-Person Financial Center of Florida, Inc. and a *de novo* office of Citicorp Homeowners, Inc. at a shared location in Miami, Florida. The activities in which the *de novo* offices propose to engage are: the making or acquiring of loans and other extensions of credit, secured or unsecured, for consumer and other purposes; the sale of credit related life and accident and health insurance by licensed agents or brokers, as required; the sale of consumer oriented financial management courses; the servicing, for any person, of loans and other extensions of credit; the making, acquiring, and servicing, for its own account and for the account of others, of extensions of credit to individuals secured by liens on residential or non-residential real estate; and the sale of mortgage life and mortgage disability insurance directly related to extensions of mortgage loans. The proposed service area for the *de novo* offices will comprise the entire State of Florida for all the aforementioned proposed activities. Comments on this application must be received not later than November 23, 1983.

A. **Federal Reserve Bank of Chicago** (Franklin D. Dreyer, Vice President) 230 South LaSalle Street, Chicago, Illinois 60690:

1. *Old Kent Financial Corporation*, Grand Rapids, Michigan (leasing real and personal property and making loans; United States): To engage through its subsidiary, Old Kent Leasing Corporation, in leasing real and personal property and equipment, or acting as agent, broker, or adviser, in leasing of such property, where at the inception of the initial lease the expectation is that the effect of the transaction and reasonably anticipated future transactions with the same lessee as to the same property will be to compensate the lessor for not less than the lessor's full investment in the property; and making or acquiring and servicing, for its own account or the account of others, loans and other extensions of credit, primarily to finance the acquisition of personal property and equipment; such loans would include, but not be limited to, the financing of time sales contracts, conditional sales agreements, installment purchase loans, and secured term loans. These activities would be performed from an office in Grand Rapids, Michigan, serving the entire United States. Comments on this application must be received not later than November 16, 1983.

Board of Governors of the Federal Reserve System, October 24, 1983.

James McAfee,

Associate Secretary of the Board.

[FR Doc. 83-29441 Filed 10-28-83; 8:45 am]

BILLING CODE 6210-01-M

Bank Holding Companies: Federal Reserve Bank of New York, et al; Notice of Proposed De Novo Nonbank Activities

The organizations identified in this notice have applied, pursuant to section 4(c)(8) of the Bank Holding Company

Act (12 U.S.C. 1843(c)(8)) and 225.4(b)(1) of the Board's Regulation Y (12 CFR 225.4(b)(1)), for permission to engage *de novo* (or continue to engage in an activity earlier commenced *de novo*), directly or indirectly, solely in the activites indicated, which have been determined by the Borad of Governors to be closely related to banking.

With respect to these applications, interested persons may express their views on the question whether consummation of the proposal can "reasonably be expected to produce benefits to the public, such as greater convenience, increased competition, or gains in efficiency, that outweigh possible adverse effects, such as undue concentration of resources, decreased or unfair competition, conflicts of interests, or unsound banking practices." Any commnets that requests a hearing must include a statement of the reasons a written presentation would not suffice in lieu of a hearing, identifying specifically any questions of fact that are in dispute, summarizing the evidence that would be presented at a hearing, and indicating how the party commenting would be aggrieved by approval of that proposal.

The applications may be inspected at the offices of the Board of Governors or at the Federal Reserve Bank indicated. Comments and requests for hearing should idnetify clearly the specific application to which they relate, and should be submitted in writing and received by the appropriate Federal Reserve Bank not later than the date indicated.

A. **Federal Reserve Bank of New York** (A. Marshall Puckett, Vice President) 33 Liberty Street, New York, New York 10045:

1. *The Chase Manhattan Corporation*, New York, New York (consumer lending, related lending, loan servicing, and insurance agency activities; Georgia): To make or acquire, for its own account and for the account of others, loans and other extensions of credit, both secured and unsecured, including, but not limited to, consumer and business lines of credit, installment loans for personal, household and business purposes and mortgage loans secured by real property; to service loans and other extensions of credit; and to act as insurance agent for credit life insurance and credit accident and health insurance directly related to such lending and servicing activities. These activities will be conducted by a subsidiary, Chase Manhattan Financial Services, Inc., from a *de novo* office in Atlanta, Georgia. Comments on this application must be received not later than November 25, 1983.

2. *Citicorp*, New York, New York (consumer and commercial financing and servicing, leasing and credit-related insurance activities; Connecticut): to establish a *de novo* office of its subsidiary, Citicorp Person-to-Person Financial Center of Connecticut, Inc., to be located in Hamden, Connecticut. The activities in which the *de novo* office proposes to engage are: making or acquiring, for its own account or for the account of others, loans and other extensions of credit, secured or unsecured, to individuals and businesses including but not limited to consumer lending, residential and non-residential real estate lending, commercial lending, sales finance, inventory financing, mobile and manufactured home lending, and factoring; leasing personal or real property or acting as agent, broker or advisor in leasing such property and servicing such leases, subject to all of the qualifications specified in 12 CFR 225.4(a)(6) (a) and (b), where the leases serve as the functional equivalent of an extension of credit to the leasee of the property; servicing loans and other extensions of credit for any person; the sale of credit-related life and accident and health insurance by licensed agents or brokers, as required, and the sale of mortgage life and mortgage disability insurance directly related to the extensions of mortgage loans; and the sale of consumer-oriented financial management courses. The proposed service area of the *de novo* office will comprise the entire State of Connecticut for all of the aforementioned proposed activities. Comments on this application must be received not later than November 25, 1983.

3. *Citicorp*, New York, New York (consumer finance servicing, and credit-related insurance activities; Alabama): To establish a *de novo* office of Citicorp Person-to-Person Financial Center, Inc. and a *de novo* office of Citicorp Homeowners, Inc. at a shared location in Mobile, Alabama. The activities in which the *de novo* offices propose to engage are: the making or acquiring of loans and other extensions of credit, secured or unsecured, for consumer and other purposes; the sale of credit-related life and accident and health insurance by licensed agents or borkers, as required; the sale of consumer-oriented financial mamagement courses; the servicing, for any person, of loans and other extensions of credit; the making, acquiring and servicing, for its own account and for the account of others, of extensions of credit to individuals secured by liens on residential or non-residential real estate; and the sale of mortgage life and mortgage disability insurance directly related to extensions of mortgage loans. The proposed service area for the *de novo* offices will comprise the entire State of Alabama for all the aforementioned proposed activities. Comments on this application must be received not later than November 25, 1983.

3. *Citicorp*, New York, New York (consumer finance servicing, and credit-related insurance activities; New Hampshire): To establish a *de novo* office or Citicorp Person-to-Person Financial Center, Inc. and a *de novo* office of Citicorp Homeowners, Inc. at a shared location in Bedford, New Hampshire. The activities in which the *de novo* offices propose to engage are: the making or acquiring of loans and other extensions of credit, secured or unsecured, for consumer and other purposes; the sale of credit-related life and accident and health insurance by licensed agents or brokers, as required; the sale of consumer-oriented financial management courses; the servicing, for any person, of loans and other extensions of credit; the making, acquiring and servicing, for its own account and for the account of others, of extensions of credit to individuals secured by liens on residential or non-residential real estate; and the sale of mortgage life and mortgage disability insurance directly related to extensions of mortgage loans. The proposed service area for the *de novo* offices will comprise the entire State of New Hampshire for all the aforementioned proposed activities. Comments on this application must be received not later than November 25, 1983.

4. *Midlantic Banks Inc.*, Edison, New Jersey and *Florida Coast Banks Inc.*, Pompano Beach, Florida (fiduciary activities; Florida): To serve customers through their subsidiary, Florida Coast Midlantic Trust Company, N.A., in activities related to or incidential to the trust business including fiduciary, agency, and/or custodial services, from an office in Delray Beach, Florida, serving the towns of Delray Beach, Boynton Beach, Boca Raton, Gulfstream, Highland Beach, and Ocean Ridge. Comments on this application must be received not later than November 24, 1983.

Board of Governors of the Federal Reserve System, October 25, 1983.

James McKee,

Associate Secretary of the Board.

[FR Doc. 83-29445 Filed 10-28-83; 8:45 am]

BILLING CODE 6210-01-M

DEPARTMENT OF HEALTH AND HUMAN SERVICES

Office of the Secretary

Advisory Council on Social Security; Meeting

AGENCY: Department of Health and Human Services.

ACTION: Notice of Meeting.

SUMMARY: Pursuant to Section 10(a)(2) of Pub. L. 92-463, the Federal Advisory Committee Act, notice is hereby given of a meeting of the Advisory Council on Social Security, as established by the Secretary of Health and Human Services in accordance with Section 706 of the Social Security Act, 42 U.S.C. Section 907.

DATE/ADDRESS: The meeting will be held December 4-5, 1983, from 9:00 AM to 4:00 PM each day, in Room 503A of the Hubert H. Humphrey Building, 200 Independence Ave., SW., Washington, D.C. 20201.

FOR FURTHER INFORMATION CONTACT: Thomas R. Burke, Executive Director, Advisory Council on Social Security, 200 Independence Avenue, SW., Washington, D.C. 20201; telephone (202) 755-8670/71.

SUPPLEMENTARY INFORMATION: The meeting is open to the public. Attendance will be limited to the space available.

Sign language interpreting services will be provided if requested in advance.

The proposed meeting agenda includes further briefings and discussion on the Medicare program; and such other business as the Chairperson, the Executive Director, or the membership may put before the Council.

A previous meeting of the Advisory Council on Social Security was announced in 48 **Federal Register** 46433, October 12, 1983.

Records are kept of all Council proceedings and are available for public inspection at the Office of the Administrative Officer, Advisory Council on Social Security, Room 317-H, HHH Building, 200 Indpendence Avenue, SW., Washington, D.C. 20201.

Thomas R. Burke,

Executive Director

[FR Doc. 83-29536 Filed 10-28-83; 8:45 am]

BILLING CODE 4120-03-M

Food and Drug Administration

[Docket No. 83F-0336]

E. I. duPont de Nemours & Co.; Filing of Food Additive Petition

AGENCY: Food and Drug Administration.

ACTION: Notice.

SUMMARY: The Food and Drug Administration (FDA) is announcing that E. I. duPont de Nemours & Co. has filed a petition proposing that the food additive regulations be amended to provide for the safe use of *N,N'*-dioleoylethylenediamine in films made from ionomeric resins and ehtylene vinyl acetate copolymers to be used in contact with food.

FOR FURTHER INFORMATION CONTACT: Rudolph Harris, Bureau of Foods (HFF-334), Food and Drug Administration, 200 C St. SW., Washington, DC 20204, 202-472-5690.

SUPPLEMENTARY INFORMATION: Under the Federal Food, Drug, and Cosmetic Act (sec. 409(b)(5), 72 Stat. 1786 (21 U.S.C. 348(b)(5))), notice is given that a petition (FAP 3B3755) has been filed by E. I. duPont de Nemours & Co., 1007 Market St., Wilmington, DE 19898, proposing that § 175.300 *Resinous and polymeric coatings* (21 CFR 175.300) and § 175.320 *Resinous and polymeric coatings for polyolefin films* (21 CFR 175.320) be amended to provide for the safe use of *N,N'*-dioleoylethylenediamine in films made from ionomeric resins and ethylene vinyl acetate copolymers to be used in contact with food.

The potential environmental impact of this action is being reviewed. If the agency finds that an environmental impact statement is not required and this petition results in a regulation, the notice of availability of the agency's finding of no significant impact and the evidence supporting that finding will be published with the regulation in the **Federal Register** in accordance with 21 CFR 25.40(c) (proposed December 11, 1979; 44 FR 71742).

Dated: October 21, 1983.

Taylor M. Quinn,

Acting Director, Bureau of Foods.

[FR Doc. 83-29468 Filed 10-28-83; 8:45 am]

BILLING CODE 4160-01-M

[Docket No. 77N-0079; DESI 552]

Heparin Sodium; Professional Labeling Guideline

AGENCY: Food and Drug Administration.

ACTION: Notice.

SUMMARY: The Food and Drug Administration (FDA) announces the availability of an updated guideline for the professional labeling of Heparin Sodium Injection, USP. It also sets forth the Indications and Dosage and Administration sections.

DATE: Effective October 31, 1983, a person may adopt the labeling guideline for heparin sodium and rely on it to meet FDA's professional labeling requirements for prescription drugs.

ADDRESSES: Communications forwarded in response to this notice should be identified with Docket No. 77N-0079, directed to the attention of the appropriate office named below and addressed to the Food and Drug Administration, 5600 Fishers Lane, Rockville, MD 20857.

Requests for labeling guidelines: Division of Cardio-Renal Drug Products (HFN-110), National Center for Drugs and Biologics.

Supplements to full new drug applications (identify with NDA number): Division of Cardio-Renal Drug Products (HFN-110), National Center for Drugs and Biologics.

Original abbreviated new drug applications and supplements thereto (identify as such): Division of Generic Drug Monographs (HFN-530), National Center for Drugs and Biologics.

Written Comments: Dockets Management Branch (HFA-305), Rm. 4-62.

FOR FURTHER INFORMATION CONTACT: Margery Erickson, National Center for Drugs and Biologics (HFN-8), Food and Drug Administration, 5600 Fishers Lane, Rockville, MD 20857, 301-443-3650.

SUPPLEMENTARY INFORMATION: In a notice (DESI 552) published in the **Federal Register** of October 7, 1977 (42 FR 54623), FDA announced its conclusions concerning the effectiveness of heparin sodium preparations and stated the conditions for marketing the drugs. The notice also announced that a labeling guideline for the drugs was available.

FDA has now revised the labeling guideline for heparin sodium to reflect the information that is currently available on the drug. The guideline is available from the Food and Drug Administration on request (address given above). Use of the guideline constitutes compliance with 21 CFR 201.56, 201.57, and 201.100(d)(3) of the agency's regulations for the content and format of professional labeling for human prescription drugs.

The professional labeling of prescription drugs is required to contain

the information and be in the format specified in 21 CFR 201.56 and 201.57. The application of these regulations to drug products is proceeding under the schedule established in 21 CFR 201.59 (published in the **Federal Register** on May 16, 1980; 45 FR 32550). As described more fully in 21 CFR 201.59, the regulations become effective on December 1, 1983, for all heparin sodium drug products that on December 26, 1979, were the subject of an approved new drug application under section 505 of the Federal Food, Drug, and Cosmetic Act (the act), and approved duplicates of those products; the regulations are already in effect for other heparin sodium drug products for which marketing approval under section 505 of the act is sought from FDA.

This notice is issued under 21 CFR 10.90(b), which provides for the use of guidelines to establish procedures or standards of general applicability that are not legal requirements, but are acceptable to the agency. A person who follows these guidelines is assured that his or her conduct is acceptable to the agency. The agency advises that the guideline for heparin sodium drug products complies with the prescription drug labeling regulations in 21 CFR 201.56, 201.57, and 201.100(d)(3) and may be relied upon by any person to meet these requirements. Under the provisions of 21 CFR 314.8, manufacturers are required to submit supplemental new drug applications advising the agency that the labeling is being revised. However, under 21 CFR 314.8(d), the guideline labeling may be used before approval of a supplement to a new drug application. A person may choose to use alternative labeling statements that are not provided for in the guideline. If a person chooses to depart from the guideline, he or she may discuss the matter further with the agency to prevent expenditure of money and effort for labeling that the agency may later determine to be unacceptable.

Effective October 31, 1983, a person may adopt the guideline for heparin sodium. Interested persons may submit written comments on the guideline to the Dockets Management Branch (address above). Comments will be considered in determining whether future amendments to or revisions of the guideline are warranted. Comments should be in two copies, except that individuals may submit single copies, identified with the docket number found in brackets in the heading of this document. The guideline and received comments may be seen in the Dockets Management Branch between 9 a.m. and 4 p.m., Monday through Friday.

The INDICATIONS AND DOSAGE AND ADMINISTRATION sections of the labeling guideline for heparin sodium are given below. These sections of the previous guideline were set forth in the notice of October 7, 1977. The indications that follow are unchanged from that notice.

Heparin sodium injection is indicated for:

Anticoagulant therapy in prophylaxis and treatment of venous thrombosis and its extension;

(In a low-dose regimen) for prevention of postoperative deep venous thrombosis and pulmonary embolism in patients undergoing major abdomino-thoracic surgery or who for other reasons are at risk of developing thromboembolic disease (see DOSAGE AND ADMINISTRATION);

Prophylaxis and treatment of pulmonary embolism;

Atrial fibrillation with embolization;

Diagnosis and treatment of acute and chronic consumption coagulopathies (disseminated intravascular coagulation);

Prevention of clotting in arterial and heart surgery;

Prophylaxis and treatment of peripheral arterial embolism;

As an anticoagulant in blood transfusions, extracorporeal circulation, and dialysis procedures and in blood samples for laboratory purposes.

The October 7, 1977 notice also included the indications below. However, heparin sodium therapy is now generally regarded as not useful for these indications, and the agency intends to propose appropriate action on these indications in a future **Federal Register** notice. Accordingly, the indications below have not been included in the recommended guideline labeling.

Prevention of cerebral thrombosis in evolving stroke;

As an adjunct in treatment of coronary occlusion with acute myocardial infarction.

The DOSAGE AND ADMINISTRATION section set forth in the notice of October 7, 1977 is revised to read as follows:

Parenteral drug products should be inspected visually for particulate matter and discoloration prior to administration, whenever solution and container permit. Slight discoloration does not alter potency.

When heparin is added to an infusion solution for continuous intravenous administration, the container should be inverted at least 6 times to insure adequate mixing and prevent pooling of the heparin in the solution.

Heparin sodium is not effective by oral administration and should be given by intermittent intravenous injection, intravenous infusion, or deep subcutaneouos (intrafat, i.e., above the iliac crest or abdominal fat layer) injection. *The intramuscular route of administration should be avoided because of the frequent occurrence of hematoma at the injection site.*

The dosage of heparin sodium should be adjusted according to the patient's coagulation test results. When heparin is given by continuous intravenous infusion, the coagulation time should be determined approximately every 4 hours in the early stages of treatment. When the drug is administered intermittently by intravenous injection, coagulation tests should be performed before each injection during the early stages of treatment and at appropriate intervals thereafter. Dosage is considered adequate when the activated partial thromboplastin time (APTT) is 1.5 to 2 times normal or when the whole blood clotting time is elevated approximately 2.5 to 3 times the control value. After deep subcutaneous (intrafat) injections, tests for adequacy of dosage are best performed on samples drawn 4–6 hours after the injections.

Periodic platelet counts, hematocrits, and tests for occult blood in stool are recommended during the entire course of heparin therapy, regardless of the route of administration.

Converting to Oral Anticoagulant

When an oral anticoagulant of the coumarin or similar type is to be begun in patients already receiving heparin sodium, baseline and subsequent tests of prothrombin activity must be determined at a time when heparin activity is too low to affect the prothrombin time. This is about 5 hours after the last I.V. bolus and 24 hours after the last subcutaneous dose. If continuous I.V. heparin infusion is used, prothrombin time can usually be measured at any time.

In converting from heparin to an oral anticoagulant, the dose of the oral anticoagulant should be the usual initial amount and thereafter prothrombin time should be determined at the usual intervals. To ensure continuous anticoagulation, it is advisable to continue full heparin therapy for several days after the prothrombin time has reached the therapeutic range. Heparin therapy may then be discountinued without tapering.

Therapeutic Anticoagulant Effect With Full-Dose Heparin

Although dosage must be adjusted for the individual patient according to the results of suitable laboratory tests, the following dosage schedules may be used as guidelines:

Method of administration	Frequency	Recommended dose[1]
Deep subcutaneous (intrafat) injection.	Initial dose	5,000 units by I.V. injection, followed by 10,000–20,000 units of a concentrated solution subcutaneously.
A different site should be used for each injection to prevent the development of massive hematoma.	Every 8 hours	8,000–10,000 units of a concentrated solution.
	or	
	Every 12 hours	15,000–20,000 units of a concentrated solution.
Intermittent intravenous injection.	Initial dose	10,000 units, either undiluted or in 50–100 mL of 0.9% Sodium Chloride Injection, USP.
	Every 4 to 6 hours.	5,000–10,000 units, either undiluted or in 50–100 mL of 0.9% Sodium Chloride Injection, USP.
Continuous intravenous infusion.	Initial dose	5,000 units by I.V. injection.
	Continuous	20,000–40,000 units/24 hours in 1,000 mL of 0.9% Sodium Chloride Injection, USP (or in any compatible solution) for infusion.

[1] Based on 150-lb. (68-kg) patient.

Pediatric Use

Follow recommendations of appropriate pediatric reference texts. In general, the following dosage schedule may be used as a guideline:

Initial Dose: 50 units/kg (I.V., drip)

Maintenance Dose: 100 units/kg (I.V., drip) every four hours, or 20,000 units/M^2/24 hours continuously

Surgery of the Heart and Blood Vessels

Patients undergoing total body perfusion for open-heart surgery should receive an initial dose of not less than 150 units of heparin sodium per kilogram of body weight. Frequently, a dose of 300 units per kilogram is used for procedures estimated to last less than 60 minutes or 400 units per kilogram for those estimated to last longer than 60 minutes.

Low-Dose Prophylaxis of Postoperative Thromboembolism

A number of well-controlled clinical trials have demonstrated that low-dose heparin prophylaxis, given just prior to and after surgery, will reduce the incidence of postoperative deep vein thrombosis in the legs (as measured by the I-125 fibrinogen technique and venography) and of clinical pulmonary embolism. The most widely used dosage has been 5,000 units 2 hours before surgery and 5,000 units every 8 to 12 hours thereafter for 7 days or until the patient is fully ambulatory, whichever is longer. The heparin is given by deep subcutaneous (intrafat, i.e., above the iliac crest or abdominal fat layer, arm or thigh) injection with a fine (25- to 26-gauge) needle to minimize tissue trauma. A concentrated solution of heparin sodium is recommended. Such prophylaxis should be reserved for patients over the age of 40 who are undergoing major surgery. Patients with bleeding disorders and those having brain or spinal cord surgery, spinal anesthesia, eye surgery, or potentially sanguineous operations should be excluded, as should patients receiving oral anticoagulants or platelet-active drugs (see WARNINGS). The value of such prophylaxis in hip surgery has not been established. The possibility of increased bleeding during surgery or postoperatively should be borne in mind. If such bleeding occurs, discontinuance of heparin and neutralization with protamine sulfate are advisable. If clinical evidence of thromboembolism develops despite low-dose prophylaxis, full therapeutic doses of anticoagulants should be given unless contraindicated. Prior to initating heparinization the physician should rule out bleeding disorders by appropriate history and laboratory tests, and appropriate coagulation tests should be repeated just prior to surgery. Coagulation tests values should be normal or only slightly elevated at these times.

Extracorporeal Dialysis

Follow equipment manufacturers' operating directions carefully.

Blood Transfusion

Addition of 400 to 600 USP units per 100 mL of whole blood is usually employed to prevent coagulation. Usually, 7,500 USP units of heparin sodium are added to 100 mL of 0.9% Sodium Chloride Injection, USP (or 75,000 USP units per 1,000 mL of 0.9% Sodium Chloride Injectin, USP) and mixed; from this sterile solution, 6 to 8 mL are added per 100 mL of whole blood.

Laboratory Samples

Addition of 70 to 150 units of heparin sodium per 10 to 20 mL sample of whole blood is usually employed to prevent coagulation of the sample. Leukoycte counts should be performed on heparinized blood within 2 hours after addition of the heparin. Heparinized blood should not be used for isoagglutinin, complement, or erythrocyte fragility tests or platelet counts.

Clearing Intermittent Infusion (Heparin Lock) Sets

To prevent clot formation in a heparin lock set following its proper insertion, dilute heparin solution (Heparin Lock Flush Solution, USP) is injected via the injection hub in a quantity sufficient to fill the entire set to the needle tip. This solution should be replaced each time the heparin lock is used. Aspirate before administering any solution via the lock in order to confirm patency and location of needle or catheter tip. If the drug to be administered is incompatible with heparin, the entire heparin lock set should be flushed with sterile water or normal saline before and after the medication is administered; following the second flush, the dilute heparin solution may be reinstilled into the set. The set manufacturer's instrutions should be consulted for specifics concerning the heparin lock set in use at a given time.

Note.—Since repeated injections of small doses of heparin can alter tests for activated partial thromboplastin time (APTT), a baseline value for APTT should be obtained prior to insertion of a heparin lock set.

This notice is issued under the Federal Food, Drug, and Cosmetic Act (secs. 502, 505, 52 Stat. 1050–1053 as amended (21 U.S.C. 352, 355)) and under the authority delegated to the Director of the National Center for Drugs and Biologics (see 21 CFR 5.70 and 47 FR 26913 published in the **Federal Register** of June 22, 1982) and under the provisions of 21 CFR 10.90(b).

Dated: October 25, 1983.

Harry M. Meyer, Jr.

Director, National Center for Drugs and Biologics.

[FR Doc. 83-29466 Filed 10-28-83; 8:45 am]

BILLING CODE 4160-01-M

[Docket No. 83F-0287]

Riken Vitamin Co., Ltd.; Filing of Food Additive Petition

AGENCY: Food and Drug Administration.

ACTION: Notice.

SUMMARY: The Food and Drug Administration (FDA) is announcing that Riken Vitamin Co., Ltd., has filed a petition proposing that the food additive regulations be amended to provide for the safe use of acetylated monoglycerides, which have a higher Reichert-Meissl (R-M) value than the currently approved additive, for use in or on foods.

FOR FURTHER INFORMATION CONTACT: Blondell Anderson, Bureau of Foods (HFF-334), Food and Drug Administration, 200 C St. SW., Washington, DC 20204, 202-472-5740.

SUPPLEMENTARY INFORMATION: Under the Federal Food, Drug, and Cosmetic Act (sec. 409(b)(5), 72 Stat. 1786 (21 U.S.C. 348(b)(5))), notice is given that a petition (FAP 3A3746) has been filed by Riken Vitamin Co., Ltd., 8-10, 3-Chome, Nishikanda, Chiyoda-Ku, Tokyo, Japan, proposing that § 172.828 *Acetylated monoglycerides* (21 CFR 172.828) be amended to provide for the safe use of acetylated monoglycerides, which have a higher Reichert-Meissl (R-M) value than the currently approved additive, for use in or on foods.

The potential environmental impact of this action is being reviewed. If the agency finds that an environmental impact statement is not required and this petition results in a regulation, the notice of availability of the agency's finding of no significant impact and the evidence supporting that finding will be published with the regulation in the **Federal Register** in accordance with 21 CFR 25.40(c) (proposed December 11, 1979; 44 FR 71742).

Dated: October 21, 1983.

Taylor M. Quinn,

Acting Director, Bureau of Foods.

[FR Doc. 83-29469 Filed 10-28-83; 8:45 am]

BILLING CODE 4160-01-M

[Docket No. 83F-0324]

Rohm and Haas Co.; Filing of Food Additive Petition

AGENCY: Food and Drug Administration.

ACTION: Notice.

SUMMARY: The Food and Drug Administration (FDA) is announcing that Rohm and Haas Co. has filed a petition proposing that the food additive regulations be amended to provide for the safe use of an aqueous dispersion of small particle-size chloromethyulated aminated styrene-divinylbenzene resins for treatment of sugar solutions.

FOR FURTHER INFORMATION CONTACT: Andrew D. Laumbach, Bureau of Foods (HFF-334), Food and Drug administration, 200 C St. SW., Washington, DC 20204, 202-472-5690.

SUPPLEMENTARY INFORMATION: Under the Federal Food, Drug, and Cosmetic Act (sec. 409(b)(5), 72 Stat. 1786 (21 U.S.C. 348(b)(5))), notice is given that a petition (FAP 3A3751) has been filed by Rohm and Haas Co., Independence Mall West, Philadelphia, PA 19105, proposing that Part 173 (21 CFR Part 173) of the food additive regulations be amended to provide for the safe use of an aqueous dispersion of small particle-size chloromethylated aminated styrene-divinylbenzene resins for treatment of sugar solutions.

The potential environmental impact of this action is being reviewed. If the agency finds that an environmental impact statement is not required and this petition results in a regulation, the notice of availability of the agency's finding of no significant impact and the evidence supporting that finding will be published with the regulation in the **Federal Register** in accordance with 21 CFR 25.40(c) (proposed December 11, 1979; 44 FR 71742).

Dated: October 14, 1983.

Richard J. Ronk

Acting Director, Bureau of Foods

[FR Doc. 83-29487 Filed 10-28-83; 8:45 am]

BILLING CODE 4160-01-M

DEPARTMENT OF THE INTERIOR

Office of the Secretary

Privacy Act of 1974—Revision of Notices of Systems of Records

Pursuant to the provisions of the Privacy Act of 1974, as amended (5 U.S.C 552a), notice is hereby given that the Department of the Interior proposes to revise five notices describing systems of records maintained by the Office of Surface Mining. Except as noted below, all changes being published are editorial in nature, and reflect organization changes and other minor administrative revisions which have occurred since the publication of the material in the **Federal Register** on March 31, 1978 (43 FR 13641). The five revised notices are published in their entirety below.

Four systems of records notices (OSM-1, OSM-2, OSM-3 and OSM-4) are being revised to provide for compatible disclosures to consumer reporting agencies to facilitate the collection of debts pursuant to the provisions of 5 U.S.C. 552a(b)(12) and the Debt Collection Act of 1982 (31 U.S.C. 3711(f)). One system notice (OSM-1 is being revised to reflect the conversion of the records to the integrated Departmental payroll system (PAY/PERS) and to add a compatible disclosure to other Federal agencies for the purpose of collecting debts owed the Federal government through administrative or salary offset.

5 U.S.C. 552a(e)(11) requires that the public be provided a 30-day period in which to comment. Therefore, written comments on these proposed changes can be addressed to the Department Privacy Act Officer, Office of the Secretary (PIR), U.S. Department of the Interior, Washington, D.C. 20240. Comments received on or before November 30, 1983, will be considered. The notices shall be effective as proposed without further notice at the end of the comment period, unless comments are received which would require a contrary determination.

Dated: October 21, 1983.

Oscar W. Mueller, Jr.,

Acting Director, Office of Information Resources Management.

INTERIOR/OSM-1

SYSTEM NAME:

Payroll-Interior, OSM-1

SYSTEM LOCATION:

(1) Office of Surface Mining Reclamation and Enforcement, Division of Financial Management, Building 20, Denver Federal Center, Denver, Colorado 80225; (2) Bureau of Mines, Division of Automated Data Processing, Building 53, Denver Federal Center, Denver, Colorado 80225; (3) Input documents suplied by all facilities of the Office of Surface Mining Reclamation and Enforcement (OSM).

Records contained in this system are part of the Departmental integrated system (PAY/PERS) maintained for the Office of Surface Mining in a computer operated by the Bureau of Reclamation which is located in Building 67, Denver Federal Center, Denver, Colorado 80225.

CATEGORIES OF INDIVIDUALS COVERED BY THE SYSTEM:

Current OSM employees and employees separated within the prior two years.

CATEGORIES OF RECORDS IN THE SYSTEM:

Employee identification, pay rate and grade, retirement, and location data; length of service; pay, leave, time and attendance, allowances, and cost distribution records; deductions for

FICA, savings bonds, insurance, union dues, taxes, allotments, quarters, charities; overtime authorizations, awards, shift schedules, pay differentials, IRS tax lien data; and related personnel data. Also included is information on debts owed to the government as a result of overpayment, refunds owed, or a debt referred for collection on a transferred employee.

AUTHORITY FOR MAINTENANCE OF THE SYSTEM:

5 U.S.C. 5101, et seq., 31 U.S.C. 3512.

ROUTINE USES OF RECORDS MAINTAINED IN THE SYSTEM, INCLUDING CATEGORIES OF USERS AND THE PURPOSE OF SUCH USES:

The primiary uses of the records are for fiscal operations for payroll, attendance, leave, insurance, tax, retirement and cost accounting programs; and to prepare related reports to other Federal agencies including the Treasury Department and the Office of Personnel Management. Disclosures outside the Department of the Interior may be made: (1) To the Department of the Treasury for preparation of payroll checks and other checks to Federal, State, and local government agencies, non-governmental organizations, and individuals; (2) to the Internal Revenue Service and to State, local, tribal and territorial governments for tax purposes; (3) to the Office of Personnel Management in connection with programs administered by that office; (4) to another Federal agency to which an employee has transferred; (5) to the U.S. Department of Justice when related to litigation or anticipated litigation; (6) to disclose pertinent information to an appropriate Federal, State, local, or foreign agency responsible for investigating, prosecuting, enforcing, or implementing a statute, rule, regulation, or order where the disclosing agency becomes aware of an indication of a violation or potential violation of civil or criminal law or regulation; (7) to a congressional office from the records of an individual in response to an inquiry from that congressional office made at the request of the individual; (8) to a Federal agency which has requested information relevant or necessary to its hiring or retention of an employee, or issuance of a security clearance, license, contract, grant or other benefit; (9) to Federal, State, or local agencies where necessary to obtain information relevant to the hiring or retention of an employee, or the issuance of a security clearance, contract, license, grant or other benefit; (10) to appropriate Federal and State agencies to provide required reports including data on unemployment insurance; (11) to the Social Security Administration to report FICA deductions; (12) to labor unions to report dues deductions; (13) to insurance carriers to report withholdings for health insurance; (14) to charitable institutions to report contributions; (15) to a Federal agency for the purpose of collecting a debt owed the Federal government through administrative or salary offset.

DISCLOSURE TO CONSUMER REPORTING AGENCIES:

Disclosures pursuant to 5 U.S.C. 552a(b)(12). Pursuant to 5 U.S.C. 552a(b)(12), disclosures may be made to a consumer reporting agency as defined in the Fair Credit Reporting Act (15 U.S.C. 1681a(f)) or the Federal Claims Colection Act of 1966 (31 U.S.C. 3701(a)(3)).

POLICIES AND PRACTICES FOR STORING, RETRIEVING, ACCESSING, RETAINING, AND DISPOSING OF RECORDS IN THE SYSTEM:

STORAGE:

Records are maintained in file folders, on magnetic tape punched cards, microfiche, and computer printouts.

RETRIEVABILITY:

File folders are maintained by name. Magnetic tape and punched cards are maintained by social security number. Microfiche and computer printouts are maintained by name and social security number.

SAFEGUARDS:

File folders, microfiche, and computer printouts are maintained in metal file cabinets which are in a locker room during periods of non-work. During working hours, access is allowed only to OSM Division of Financial Management personnel. Punched cards have no interpreted printing on them and are retained in cardboard boxes with magnetic tapes in Bureau of Mines Division of Automated Data Processing.

RETENTION AND DISPOSAL:

Retained on site until after GAO audit, then disposed of, or transferred to Federal Records Storage Centers in accordance with the fiscal records program approval by GAO, as appropriate, or General Records Schedule 2.

SYSTEM MANAGER(S) AND ADDRESS:

Chief, Division of Financial Management, Office of Surface Mining, Building 20, Denver Federal Center, Denver, Colorado 80225.

NOTIFICATION PROCEDURES:

Inquiries regarding the existence of records should be addressed to the System Manager. A written, signed request stating that the individual seeks information concerning his/her records is required (see 43 CFR 2.60).

RECORD ACCESS PROCEDURES:

A request of access may be addressed to the System Manager. The request must be in writing, signed by the requester, and meet the content requirements of 43 CFR 2.63.

CONTESTING RECORD PROCEDURES:

A petition for amendment should be addressed to the System Manager and meet the content requirements, of 43 CFR 2.71.

RECORD SOURCE CATEGORIES:

Individuals on whom the records are maintained, supervisors, timekeepers, official personnel records, previous employers, Internal Revenue Service.

SYSTEM NAME:

Travel Advance File—Interior, OSM-2

SYSTEM LOCATION:

U.S. Department of the Interior, Office of Surface Mining, Division of Financial Management, Building 20, Denver Federal Center, Denver, Colorado 80225.

CATEGORIES OF INDIVIDUALS COVERED BY THE SYSTEM:

All Office of Surface Mining Reclamation and Enforcement (OSM) employees who have outstanding or repaid travel advances.

CATEGORIES OF RECORDS IN THE SYSTEM:

File consists of signed forms whereby employees request fund advances for the purpose of paying travel expenses incurred in the performance of official government business. An automated computer system lists all outstanding advances and records repayments whether by offset against travel vouchers or remittances by checks, money orders, etc.

AUTHORITY FOR MAINTENANCE OF THE SYSTEM:

5 U.S.C. Secs. 4111(b), 5701–5709, 5721–5733, 5742(b).

ROUTINE USES OF RECORDS MAINTAINED IN THE SYSTEM, INCLUDING CATEGORIES OF USERS AND THE PURPOSES OF SUCH USES:

The primary uses of the records are: (a) To provide an accounting record of obligations due to the U.S. Government from employees' authorized cash advances to defray expenses incurred in official travel. Payments to the traveler and repayments to the Government are reflected in this record; (b) to serve as a backup authority to the entries for travel expenses in the automated Finance system; (c) computer data are reported to each OSM office as part of the

detailed composition of monthly expense reports applicable to charges made to cost accounts within the Finance system. Only data pertinent to individual OSM offices are available to that office. Disclosures outside the Department of the Interior may be made: (1) To the U.S. Department of Justice when related to litigation or anticipated litigations involving the records or the subject matter of the records; (2) of information indicating a violation or potential violation of statute, regulation, rule, order or license, to appropriate Federal, State, local or foreign agencies responsible for investigating or prosecuting the violation, or for enforcing or implementing the statute, rule, regulation, order or license; (3) from the record of an individual in response to an inquiry from a Congressional office made at the request of that individual; (4) to a Federal agency which has requested information relevant to its hiring or retention of an employee, or issuance of a security clearance, license, contract, grant, or other benefit; (5) to Federal, State, or local agencies where necessary to obtain information relevant to the hiring or retention of an employee, or the issuance of a security clearance, contract, license, grant, or other benefit.

DISCLOSURE TO CONSUMER REPORTING AGENCIES:

Disclosures pursuant to 5 U.S.C. 552a(b)(12). Pursuant to 5 U.S.C. 552a(b)(12), disclosures may be made to a consumer reporting agency as defined in the Fair Credit Reporting Act (15 U.S.C. 1681a(f)) or the Federal Claims Collection Act of 1966 (31 U.S.C. 3701(a)(3)).

POLICIES AND PRACTICES FOR STORING, RETRIEVING, ACCESSING, RETAINING, AND DISPOSING OF RECORDS IN THE SYSTEM:

STORAGE:

Currently, active travel advance requests are maintained in file boxes by name of traveler; inactive records are maintained in travel folders by name of traveler; computer printouts are maintained in binders.

RETRIEVABILITY:

Files are stored alphabetically by name of travelers.

SAFEGUARDS:

Files are maintained in a locked room during periods of non-work and are accessible during working hours only to personnel from the Division of Financial Management, Office of Surface Mining.

RETENTION AND DISPOSAL:

Records retained for 3 years, then destroyed. Disposition is in accordance with General Records Schedule, FPMR 101-11.4.

SYSTEM MANAGER AND ADDRESS:

Chief, Division of Financial Management, Office of Surface Mining, Building 20, Denver Federal Center, Denver, Colorado 80225. *Mailing address*: Office of Surface Mining, P.O. Box 25065, Denver Federal Center, Denver, Colorado 80225.

NOTIFICATION PROCEDURE:

Inquiries regarding the existence of records should be addressed to the System Manager. A written, signed request stating that the requester seeks information concerning records pertaining to him is required (see 43 CFR 2.60).

RECORD ACCESS PROCEDURES:

A request for access may be addressed to the System Manager. The request must be in writing and be signed by the requester. The request must meet the content requirements of 43 CFR 2.63.

CONTESTING RECORD PROCEDURES:

A petition for amendment should be addressed to the System Manager and must meet the content requirements of 43 CFR 2.71.

RECORD SOURCE CATEGORIES:

Information for this system originates with the traveler who specifies the need of a travel advance. The request is concurred in by signature of a responsible supervisory official. All entries on the file are as a result of actions taken by the individual to liquidate his/her travel advance.

Interior/OSM-3

SYSTEM NAME:

Travel Vouchers and Authorizations—Interior, OSM-3

SYSTEM LOCATION:

U.S. Department of the Interior, Office of Surface Mining, Division of Financial Management, Building 20, Denver, Federal Center, Denver, Colorado 80225.

CATEGORIES OF INDIVIDUALS COVERED BY THE SYSTEM:

All persons traveling for or in behalf of OSM on official business.

CATEGORIES OF RECORDS IN THE SYSTEM:

Voucher file consists of paid travel vouchers which reimburse travelers for expenses incurred in connection with official travel. Travel authorization file consists of record copies of authorizations for travel for which no travel vouchers have been submitted for payment.

AUTHORITY FOR MAINTENANCE OF THE SYSTEM:

5 U.S.C. Sec. 5701 et seq.

ROUTINE USES OF RECORDS MAINTAINED IN THE SYSTEM, INCLUDING CATEGORIES OF USERS AND THE PURPOSES OF SUCH USES:

(a) As backup entry data for obligations and disbursements in the automated Finance system of OSM; (b) computer data are reported to each OSM office as part of the detailed composition of monthly expense reports applicable to charges made to cost accounts within the Finance system. Only data pertinent to individual OSM offices are available to that office; (c) vouchers are used to determine allowability of expenses within the law, authorizing payment of travel expenses. The documents are used to determine which expenses incurred by the traveler can be paid and are sometimes used to report to other Federal agencies summarizations of those types of allowable expenses. Usually, the individual's name is not used in outside reporting but the data is. Disclosures outside the Department of the Interior may be made: (1) To the U.S. Department of Justice when related to litigation or anticipated litigation involving the records or the subject matter of te records; (2) of information indicating a violation or potential violation of a statute, Regulation, rule Order or license, to appropriate Federal, State, local or foreign agencies responsible for investigating or prosecuting the violation or for enforcing or implementing the statute, rule, regulation, order or license; (3) from the record of an individural in response to an inquiry from a Congressional office made at the request of that individual; (4) to a Federal agency which has requested information relevant or necessary to its hiring or retention of an employee, or issuance of a security clearance, license, contract, grant, or other benefit; (5) to Federal, State or local agencies where necessary to obtain information relevant to the hiring or retention of an employee, or the issuance of a security clearance, contract, license, grant, or other benefit.

DISCLOSURE TO CONSUMER REPORTING AGENCIES:

Disclosures pursuant to 5 U.S.C. 552a(b)(12). Pursuant to 5 U.S.C. 552a(b)(12), disclosures may be made to a consumer reporting agency as defined in the Fair Credit Reporting Act (15 U.S.C. 1681a(f)) or the Federal Claims Collection Act of 1966 (31 U.S.C. 3701(a)(3)).

POLICIES AND PRACTICES FOR STORING, RETRIEVING, ACCESSING, RETAINING, AND DISPOSING OF RECORDS IN THE SYSTEM:

STORAGE:

Records are maintained in steel filing cabinet in the Division of Financial Management, Office of Surface Mining.

RETRIEVABILITY:

Vouchers are filed by travel authorization number. Authorizations are filed alphabetically by traveler awaiting payment of the travel voucher. Authorization becomes part of the voucher packet at the time of payment.

SAFEGUARDS:

Files are maintained with safeguards meeting the requirements of 43 CFR 2.51, and are available only to personnel of the Division of Financial Management, Office of Surface Mining.

RETENTION AND DISPOSAL:

Records retained for 3 years, then destroyed. Disposition is in accordance with General Records Schedule, FPMR 101-11.4.

SYSTEMS MANAGER AND ADDRESS:

Chief, Division of Financial Management, Office of Surface Mining, Building 20, Denver Federal Center, Denver, Colorado 80225. *Mailing address:* Office of Surface Mining, P.O. Box 25065, Denver Federal Center, Denver, Colorado 80225.

NOTIFICATION PROCEDURES:

Inquiries regarding the existence of records should be addressed to the System Manager. A written, signed request stating that the requester seeks information concerning records pertaining to him is required (see CFR 2.60).

RECORD ACCESS PROCEDURES:

A request for access may be addressed to the Systems Manager. The request must be in writing and be signed by the requester. The request must meet the content requirements of 43 CFR 2.63.

CONTESTING RECORD PROCEDURES:

A petition for amendment should be addressed to the System Manager and must meet the content requirement of 43 CFR 2.71.

RECORD SOURCE CATEGORIES:

Information for these files is based on an authorization signed by the traveler in the form of a request. Travel vouchers are submitted by the traveler after incurring expenses for official travel and are a request for payment based on his record of official expenses.

Interior/OSM-4

SYSTEM NAME:

Property Control—Interior, OSM-4.

SYSTEM LOCATION:

U.S. Department of the Interior, Office of Surface Mining, 1100 L Street, NW., Washington, D.C. 20005, and its field facilities. *Mailing address:* Office of Surface Mining, South Interior Building, Room 10, 1951 Constitution Avenue, NW., Washington, D.C. 20240.

CATEGORIES OF INDIVIDUALS COVERED BY THE SYSTEM:

Employees who have custody or responsibility for OSM property.

CATEGORIES OF RECORDS IN THE SYSTEM:

Contains information indicating what property, including equipment, motor vehicle operator's license, keys, motor pool vehicles, transportation request books, and parking spaces, for which the employee has custody or responsibility. A list is maintained of inventory by name as a cross-reference to case numbers. In addition, all other records directly related to the property control function.

AUTHORITY FOR MAINTENANCE OF THE SYSTEM:

Federal Property and Administrative Services Act of 1949, as amended, 40 U.S.C. Section 483(b)(1); 5 U.S.C. 301.

ROUTINE USES OF RECORDS MAINTAINED IN THE SYSTEM, INCLUDING CATEGORIES OF USERS AND THE PURPOSES OF SUCH USES:

The primary uses of the records are: (a) Identification, assignment, and control of OSM property; (b) assistance in locating carpools. Disclosures outside of the Department of Interior may be made: (1) To the U.S. Department of Justice when related to litigation or anticipated litigation; (2) of information indicating a violation or potential violation of a statute, regulation, rule, order or license, to appropriate Federal, State, or local or foreign agencies responsible for investigating or prosecuting the violation, or for enforcing or implementing the statute, rule, regulation, order or license.

DISCLOSURE TO CONSUMER REPORTING AGENCIES:

Disclosures pursuant to 5 U.S.C. 552a(b)(12). Pursuant to 5 U.S.C. 552a(b)(12, disclosures may be made to a consumer reporting agency as defined in the Fair Credit Reporting Act (15 U.S.C. 1681a(f)) or the Federal Claims Collection Act of 1966 (31 U.S.C. 3701(a)(3)).

POLICIES AND PRACTICES FOR STORING, RETRIEVING, ACCESSING, RETAINING, AND DISPOSING OF RECORDS IN THE SYSTEM:

STORAGE:

Maintained in manual form in file folders or card indexes, a limited quantity is stored on computer tape.

RETRIEVABILITY:

Indexed by employee name or control number.

SAFEGUARDS:

Security is provided to meet the requirements of 43 CFR 2.51.

RETENTION AND DISPOSAL:

Records maintained as long as property remains with the agency. Upon completion of the use period, vital records are transferred to the Official Personnel Folder or Federal Records Center, and all other records are destroyed.

SYSTEM MANAGER AND ADDRESS:

Chief, Division of Management Services, Office of Surface Mining, 1100 L Street, NW., Washington D.C. 20005. *Mailing address:* Office of Surface Mining, South Interior Building, Room 10, 1951 Constitution Ave., NW., Washington, D.C. 20240.

NOTIFICATION PROCEDURES:

Contact the System Manager, or with respect to records maintained at field facilities, the administrative officer of the facility. A written and signed request stating that the requester seeks information concerning records pertaining to him is required. See 43 CFR 2.60.

RECORD ACCESS PROCEDURES:

A request for access may be addressed to the System Manager, or with respect to records maintained at field facilities, the administrative officer of the facility. The request must be in writing and signed by the requester. The request must meet the content requirements of 43 CFR 2.63.

CONTESTING RECORD PROCEDURES:

A petition for amendment shall be addressed to the System Manager and must meet the content requirements of 43 CFR 2.71.

RECORD SOURCE CATEGORIES:

Employees. Property control information required for accountability purposes.

Interior/OSM-5

SYSTEM NAME:

Personnel Identification—Interior, OSM-5.

SYSTEM LOCATION:

(1) Office of Surface Mining, South Interior Building, Room 10, 1951 Constitution Ave., NW., Washington, D.C. 20240. (2) All field facilities of OSM.

CATEGORIES OF INDIVIDUALS COVERED BY THE SYSTEM:

All employees of OSM.

CATEGORIES OF RECORDS IN THE SYSTEM:

Records concerning identification and location of employees.

AUTHORITY FOR MAINTENANCE OF THE SYSTEM:

5 U.S.C. Secs. 301, 3101; 43 U.S.C. Sec. 1457.

ROUTINE USES OF RECORDS MAINTAINED IN THE SYSTEM, INCLUDING CATEGORIES OF USERS AND THE PURPOSES OF SUCH USES:

The primary uses of the records are: (a) To provide identification cards to employees; (b) locator information provided for use by management to contact employees in case of an emergency. Disclosures outside the Department of the Interior may be made: (1) To the U.S. Department of Justice when related to litigation or anticipated litigation; (2) of information indicating a violation or potential violation of a statute, regulation, rule order or license, to appropriate Federal, State, local or foreign agencies responsible for investigating or prosecuting the violation or for enforcing or implementing the statute, rule, regulation, order or license.

POLICIES AND PRACTICES FOR STORING, RETRIEVING, ACCESSING, RETAINING, AND DISPOSING OF RECORDS IN THE SYSTEM:

STORAGE:

Card indexes, manually.

RETRIEVABILITY:

Indexed by employee name and identification card number.

SAFEGUARDS:

Security is provided to meet the requirements of 43 CFR 2.51 for manual records.

RETENTION AND DISPOSAL:

Records retained until employee leaves Agency rolls. After use period, appropriate records transferred to Federal Records Center; identification cards destroyed 3 months after return to issuing office.

SYSTEM MANAGER AND ADDRESS:

Chief, Division of Personnel, Office of Surface Mining, South Interior Building, Room 122, 1951 Constitution Avenue, NW., Washington, D.C. 20240.

NOTIFICATION PROCEDURES:

Contact the System Manager, or with respect to records maintained at field facilities, the administrative officer of the facility. A written and signed request stating that the requester seeks information concerning records pertaining to him is required. See 43 CFR 2.60.

RECORDS ACCESS PROCEDURES:

A request for access may be addressed to the System Manager, or with respect to records maintained at the facilities, the administrative officer of the facility. The request must meet the content requirements of 43 CFR 2.63.

CONTESTING RECORD PROCEDURES:

A petition for amendment shall be addressed to the System Manager and must meet the requirements of 43 CFR 2.71.

RECORD SOURCE CATEGORIES:

Employees. Information necessary to prepare the identification card and locator index.

[FR Doc. 83-29489 Filed 10-28-83; 8:45 am]
BILLING CODE 4310-05-M

Bureau of Land Management

[M-57762 (SD)]

Realty Action; Competitive Sale of Public Land in Perkins County, South Dakota

AGENCY: Bureau of Land Management, Miles City District, South Dakota Resource Area Office, Interior.

ACTION: Notice of realty action M-57762 (SD), competitive sale or public land in Perkins County, South Dakota.

SUMMARY: The following described lands have been examined and identified as suitable for disposal by sale pursuant to Section 203 of the Federal Land Policy and Management Act of 1976, 43 U.S.C. 1713 (1976) at no less than fair market value:

Black Hills Meridian

Township 15 North, Range 15 East, Section 12, NE¼NW¼, containing 40 acres, and SE¼SW¼ containing 40 acres.

The land will be offered for sale by a combination of sealed and/or oral bids utilizing competitive bidding procedures on January 11, 1984, at 1:30 pm, M.S.T., Perkins County courtroom Bison, South Dakota.

The subject land is located approximately 18 miles northwest of Faith, South Dakota, in Perkins County. This parcel has section line access and is being offered for sale because it is isolated from other blocks of public land and is difficult and uneconomical to manage. This parcel has rolling grasslands with some brushy draws.

The proposed sale is consistent with the Bureau's planning system and Perkins County government officials have been notified of the sale. The transfer of the tract into private ownership will benefit the public interest and provide for better land management.

Terms and conditions: The terms and conditions applicable to this sale are as follows:

1. All minerals will be reserved to the United States, together with the right to explore, prospect for, mine, and remove same under applicable law and regulations;

2. A right-of-way for ditches or canals will be reserved to the United States in accordance with 43 U.S.C. 945;

3. The sale of these lands will be subject to all valid existing rights and reservations of record.

4. Access to this parcel must be in compliance with County and State regulations.

DATE: For a period of 45 days from the date of this notice, interested parties may submit comments to the District Manager, Bureau of Land Management, at the address shown below. Any adverse comments will be evaluated by the BLM Montana State Director, who may vacate or modify this realty action and issue a final determination. In the absence of any action by the State Director, this realty action will become a final determination of the Department of the Interior.

FOR FURTHER INFORMATION CONTACT: Information related to the sale, including environmental assessment, and the record of public discussions is available for review at the Miles City District Office, Miles City, Montana, or the South Dakota Resource Area Office, Belle Fourche, South Dakota.

SUPPLEMENTARY INFORMATION:

Bidder Qualifications: The bidder must be a U.S. citizen or, in the case of a corporation, subject to the laws of any state or the United States. A state, state instrumentality or political subdivision submitting a bid must be authorized to hold property. Any other entity submitting a bid must be legally capable of holding and conveying lands or interests therein under the laws of the State of South Dakota. Bids must be made by the principal or his agent.

Bid Standards: No bid will be accepted for less than the appraised value and bids must include all of the land identified in this notice.

Sealed bids will be received at the South Dakota Resource Area Office, 310 Roundup, Belle Fourche, South Dakota 57717, until 1 pm M.S.T. January 11, 1984.

or hand delivered to the Perkins County Courtroom Perkins County Courthouse, Bison, South Dakota, until 1:30 pm M.S.T. on January 11, 1984. Bids will be opened in the *Perkins County Courtroom, Bison, South Dakota* with oral bidding following the opening of the sealed bids.

The sealed bid envelope must be marked in the lower left-hand corner as follows:

Public Land Sale M-57762 SD
Date: January 11, 1984

If two or more envelopes containing valid bids of the same amount are received, the determination of which is to be considered the highest bid shall be by drawing. The drawing, if required, shall be held immediately following the opening of the sealed bids. The highest qualifying sealed bid shall then be publicly declared.

Sale Continuation: In the event this parcel is not sold at the inital sale offering, the parcel will then be available for sale over the counter on a first come, first served basis, at the South Dakota Resource Area Office, 310 Roundup Street, Belle Fourche, South Dakota.

Dated: October 24, 1983.

Bruce Whitmarsh,

Acting District Manager.

[FR Doc. 83-29492 Filed 10-28-83; 8:45 am]

BILLING CODE 4310-84-M

Bureau of Reclamation

Quarterly Status Tabulation of Water Service and Repayment Contract Negotiations; Proposed Contractual Actions Pending Through December 1983

Pursuant to section 226 of the Reclamation Reform Act of 1982 (96 Stat. 1261), the Department of the Interior must afford the affected public an opportunity to be aware of and to provide comments on water service and repayment contract negotiations being conducted by the Bureau of Reclamation. Pursuant to the "Final Revised Public Participation Procedures" for water service and repayment contract negotiations, published in the **Federal Register** February 22, 1982, Vol. 47, page 7763, and the Reclamation Reform Act, a tabulation is provided below of proposed contractual actions in each of the seven Reclamation regions. Each proposed action listed is, or is expected to be, in some stage of the contract negotiation process during October, November, or December of 1983. When contract negotiations are completed, and prior to execution, each proposed contract form must be approved by the Secretary, or pursuant to delegated or redelegated authority, the Commissioner of Reclamation or one of the Regional Directors. In some instances, congressional review and approval of a report, water rate, or other terms and conditions of the contract may be involved. The identity of the approving officer and other information pertaining to a specific contract proposal may be obtained by calling or writing the appropriate regional office at the addresses and telephone numbers given for each region.

This notice is one of a variety of means being used to inform the public about proposed contractual actions. Some of the actions listed have been publicized in the **Federal Register** previously. When this is the case, the date of publication is given. Individual notice of intent to negotiate, and other appropriate announcements, will be made in the **Federal Register** for those actions found to have widespread public interest. In addition, a wide variety of local publicity resources are being used selectively to inform the public affected by a specific contract proposal.

Acronym Definitions Used Herein

(FR) **Federal Register**
(ID) Irrigation District
(IDD) Irrigation and Drainage District
(M&I) Municipal and Industrial
(D&MC) Drainage and Minor Construction
(R&B) Rehabilitation and Betterment
(O&M) Operation and Maintenance
(CVP) Central Valley Project
(P-SMBP) Pick-Sloan Missouri Basin Program
(CRSP) Colorado River Storage Project
(SRPA) Small Reclamation Projects Act
(SOFAR) Southern Fork American River

Pacific Northwest Region: Bureau of Reclamation, 550 West Fort Street, Box 043, Boise, ID 83724, telephone (208) 334-9011.

1. Boise Cascade Corporation, Columbia Basin Project, Washington; Industrial water service contract; 250 acre-feet; FR notice published April 7, 1980, Vol. 45, page 23531.

2. Boise Project Board of Control, Boise Project, Idaho-Oregon; Irrigation repayment contract; 22,800 acre-feet of stored water in Arrowrock Reservoir.

3. Douglas County Oregon; SRPA loan repayment contract; $11,605,000 proposed loan obligation. Loan application also includes a request for $14,395,000 in grant funds towards anadromous fish enhancement, recreation, fish and wildlife functions.

4. Miscellaneous Water Users, Pacific Northwest Region, Idaho-Oregon and Washington; Temporary (interim) water service contracts for surplus project water; Maximum of 10,000 acre-feet annually per contractor for irrigation and maximum of 2,000 acre-feet annually per M&I contractor for terms of up to 2 years.

5. Rogue River Basin water users, Rogue River Basin Project, Oregon; Water service contracts; $5 per acre-foot or $20 minimum per annum, not to exceed 320 acres or 1,000 acre-feet of water per contractor for terms up to 40 years.

6. Willamette Basin water users, Willamette Basin Project, Oregon; Water service contracts; $1.25 per acre-foot or $20 minimum per annum, not to exceed 320 acres or 1,000 acre-feet of water annually per contractor for terms up to 40 years.

7. Granger ID, Yakima Project, Washington; R&B loan repayment contract; $1,111,000 proposed obligation.

8. Washington Water Power Company, Inc., Columbia Basin Project, Washington; Industrial water service contract; 32,000 acre-feet of water per year from Franklin D. Roosevelt Lake for the proposed Creston Powerplant; FR notice published December 11, 1982, Vol. 46, page 60658.

9. Cascade Reservoir water users, Boise Project, Idaho; Irrigation repayment contracts; 57,251 acre-feet of stored water in Cascade Reservoir.

10. Boise Water Corporation, Boise Project, Idaho; Short-term (2 years) M&I water service contract; up to 5,000 acre-feet annually from stored water in Lucky Peak Reservoir.

11. Grandview I.D., Yakima Project, Washington; R&B loan repayment contract; $1,054,000 proposed obligation.

12. Irrigation Districts and Similar Water User Entities; Amendatory repayment and water service contracts; Purpose is to conform to the Reclamation Reform Act of 1982 (Pub. L. 97-293).

Mid-Pacific Region: Bureau of Reclamation (Federal Office Building), 2800 Cottage Way, Sacramento, CA 95825, telephone (916) 484-4680

1. El Dorado ID; CVP, California; Amendatory water service contract; 1,000 acre-feet municipal and industrial water supply for service from Folsom Lake to the El Dorado Hills area.

2. 2047 Drain Water Users Association, CVP, California; Water right settlement contract; FR notice published July 25, 1979, Vol. 44, page 43535.

3. Stockton-East Water District, CVP, California; Interim water service contract; 75,000 acre-feet from New Melones Reservoir; FR notice published February 5, 1982; Vol. 47, page 5473.

4. Central San Joaquin Water Conservation District, CVP, California; Water service contract; 49,000 acre-feet firm supply and 39,000 acre-feet interim supplies from New Melones Reservoir; FR notice published February 5, 1982, Vol. 47, page 5473.

5. Tuolumne Regional Water District, CVP, California; Water service contract; 3,200 acre-feet from New Melones Reservoir; FR notice published February 5, 1982, Vol. 47, page 5473.

6. Calaveras County Water District, CVP, California; Water service contract; 500 acre-feet from New Melones Reservoir; FR notice published Fegruary 5, 1982, Vol. 47, page 5473.

7. Solano ID, Solano Project, California; Amendatory loan contract providing for reconveyance and M&I water supply delivery.

8. Miscellaneous Water Users, Mid-Pacific Region, California, Oregon, and Nevada; Temporary (interim) water service contracts for surplus project water; Maximum of 10,000 acre-feet annually per contractor for irrigation and maximum of 2,000 acre-feet annually per M&I contractor for terms up to 2 years.

9. State of California, Department of Water resources, CVP, California; Interim water service contract for approximately 500,000 acre-feet.

10. Madera ID, CVP, California; Agreement for conveyance of nonproject water in Millerton Lake and the Medera Canal; Maximum of 50 cfs, Friant Unit.

11. Pacheco Water District, CVP, California; Amendatory water service contract providing for a change in point of delivery from Delta-Mmendota canal to the San Luis Canal.

12. City of Redding, CVP, California; Agreement for operation of the City of Redding's Lake Redding Power Project and resolution of potential impacts on Keswick Powerplant.

13. South San Joaquin ID and Oakdale ID, CVP, California; Operating agreement for conjunctive operation of New Melones Dam and Reservoir on the Stanislaus River; FR notice published June 6, 1979, Vol. 44, page 32483.

14. City of Santa Barbara, Cachuma Project, California; Agreement for conveyance of nonproject water through Lauro Reservoir, Maximum of 21 cfs.

15. Broadview Water District, CVP, California; Amendatory water service contract providing for a change in point of delivery from Delta-Mendota Canal to the San Luis Canal.

16. The Westside Irrigation District, CVP, California; Amendment to existing water service contract to provide for transportation of District owned water rights through the Delta-Mendota Canal.

17. City of Avenal, CVP, California; Amendment of existing water service contract to provide for furnishing project power to city canalside relift facilities.

18. Colusa County Water District, CVP, California; Amendatory water service and repayment contract to provide for delivery of M&I water and to provide additional water.

19. Colusa County Water District, CVP, California; Distribution System Loan repayment contract; $8,670,700 proposed obligation.

20. Oakdale Irrigation District, SRPA, California; Loan repayment contract; $17,845,000 proposed obligation.

21. Glide Water District, CVP, California; Amendment to existing water service contract to provide additional water.

22. Colusa County Water District, CVP, California; Contract for M&I Water service (40 acre-feet).

23. Irrigation Districts and Similar Water User Entities; Amendatory repayment and water service contracts; Purpose is to conform to the Reclamation Reform Act of 1982 (Pub.L. 97-293).

Upper Colorado Region: Bureau of Reclamation, P.O. Box 11568, (125 South State Street) Salt Lake City, UT 84147, telephone (801) 524-5435

1. Miscellaneous water users, Upper Colorado Region, Utah, Wyoming, Colorado, and New Mexico; Temporary (interim) water service contracts for surplus project water; Maximum of 10,000 acre-feet annually per contractor for irrigation and maximum of 2,000 acre-feet annually per M&I contractor for terms up to 2 Years.

2. Fontenelle (Chevron) State of Wyoming, Seedskadee Project, Wyoming; Water sales contract for 22,500 acre-feet per year for industrial use. Environmental Impact Statement under preparation; approval pending outcome and compliance with Section 7, Endangered Species Act. FR notice published January 26, 1983, Vol. 48, No. 18, page 3662.

3. Animas-La Plata Conservancy District, Animas-La Plata Project, Colorado; Water service contract; 9,200 acre-feet per year for M&I use; 72,200 acre-feet per year for irrigation; FR notice published April 17, 1981, Vol. 46, No. 74 page 22474.

4. La Plata Conservancy District, Animas-La Plata Project, New Mexico; Water service contract; 16,000 acre-feet per year for irrigation; FR notice published April 17, 1981, Vol. 46, No. 74 page 22474.

5. City of Farmington, Animas-La Plata Project, New Mexico; M&I water service contract; 19,700 acre-feet per year; FR notice published April 17, 1981, Vol. 46, No. 74, page 22474.

6. City of Aztec, Animas-La Plata Project, New Mexico; M&I water service contract; 5,800 acre-feet per year; FR notice published April 17, 1981, Vol. 46, No. 74, page 22474.

7. City of Bloomfield, Animas-La Plata Project, New Mexico; M&I water service contract; 5,300 acre-feet per year; FR notice published April 17, 1981, Vol. 46, No. 74, page 22474.

8. Preston-Whitney Irrigation Company, North Cache Water Development Project, Idaho; Small Reclamation Project Act, Pub. L. 84-984. Repayment contract for $26,000,000. Federal loan to convert open ditch system with individual pumps for sprinkler pressurization to a closed pipe gravity pressurized system.

9. Central Utah Project, Bonneville Unit, Utah; Supplemental M&I repayment contract for 99,000 acre-feet per year; negotiations anticipated to be reactivated; FR notice published August 22, 1980, Vol. 45, No. 165, page 56199.

10. Irrigation Districts and Similar Water User Entities; Amendatory repayment and water service contracts; Purpose is to conform to the Reclamation Reform Act of 1982 (Pub.L. 97-293).

Lower Colorado Region: Bureau of Reclamation, P.O. Box 427, (Nevada Highway and Park Street) Boulder City, NV 89005, telephone (702) 293-8536

1. City of Yuma, Boulder Canyon Project, Arizona; Supplemental and amendatory M&I water service contract; 3,613 acre-feet per year.

2. Agricultural and M&I water users, Central Arizona Project, Arizona; Water service subcontracts; A certain percent of available supply for irrigation entities and up to 640,000 acre-feet per year for M&I use.

3. Roosevelt Water Conservation District, Higley, Arizona; R&B loan contract; $7,474,424; FR notice published March 30, 1979, Vol. 44, page 19048.

4. Agricultural and M&I water users, Central Arizona Project, Arizona; Contracts for repayment of Federal expenditures for construction of distribution systems.

5. Yuma-Mesa Irrigation and Drainage District; D&MC contract for the installation of one additional 60 cubic feet per second pump in the Yuma Mesa Pump Plant, Gila Project, Arizona.

6. Contracts with 16 agricultural entities located near the Colorado River in Arizona; Boulder Cayon Project; water service contracts for up to 27,894 arce-feet per year total.

7. Fallbrook Public Utility District, Santa Margarita Project, California; repayment and water service contract; $46,000,000 total obligation.

8. Gila River Indian Community-CAP water service; Contract for delivery of up to 173,100 arce-feet per year.

9. Yuma-Mesa Irrigation & Drainage District; Amendatory contract to allow the District to market up to 7,000 acre-feet of water per year for M&I purposes.

10. Hillcrest Water Company; Contract for delivery of 84 acre-feet of water per year to serve existing mobile home park pursuant to recommendation by Arizona Department of Water Resources.

11. Sunset Mobile Home Park; Contract for delivery of 30 acre-feet of water per year pursuant to recommendation of Arizona Department of Water Resources.

12. Irrigation Districts and Similar Water User Entities; Amendatory repayment and water service contracts; Purpose is to conform to the Reclamation Reform Act of 1982 (Pub. L. 97-293).

Southwest Region: Bureau of Reclamation, Commerce Guilding, Suite 201, 714 South Tyler, Amarillo, TX 79101, telephone (806) 378-5430

1. City of Belen, San Juan-Chama Project, New Mexico; M&I water service contract for 500 acre-feet annually. FR notice published April 26, 1982, Vol. 47, Page 1782.

2. Fort Cobb Reservoir Master Conservancy District, Washita Basin Project, Oklahoma; Amendatory repayment contract to convert 4,700 acre-feet of irrigation water to M&I use; FR notice published August 13, 1981, Vol. 46, page 40940.

3. Foss Reservoir Master Conservancy District, Washita Basin Project, Oklahoma; Amendatory repayment contract for remedial work. Necessity of amendment is dependent upon outcome of pending Safety of Dams legislation, S 956 and H. R. 3208.

4. Harlingen Irrigation District, Lower Rio Grande Valley, Texas; the existing Small Reclamation Projects Act loan repayment contract will require an amendment to provide for the collection of an interest payment for M&I water deliveries by the district. Correction of this deficiency is a prerequisite for eligibility to receive additional benefits through a R & B loand sought by the district.

5. Vermejo Conservacy District, Vermejo Project, New Mexico; Amendatory contract to relieve the district of further repayment obligation, presently exceeding $2 million, pursuant to Pub. L. 96-550.

6. State of Oklahoma, McGee Creek Project, Oklahoma; Repayment contract for State's share of costs associated with development of recreation facilities and certain fish and wildlife facilities; Obligation will be negotiated in accordance with the Federal Water Project Recreation Act (Pub. L. 89-72), as amended.

7. State of Colorado, Closed Basin Division, San Luis Valley Project; Repayment contract for State's share of costs associated with development of recreation facilities and certain fish and wildlife facilities; Obligation will be negotiated in accordance with the Federal Water Project Recreation Act (Pub. L. 89-72), as amended; **Federal Register** notice published February 12, 1982, Vol. 47, page 6493.

8. Harlingen Irrigation District (District), Lower Rio Grande Valley, Texas; a Rehabilitation and Betterment Act loan report is in progress to rehabilitate a portion of the District's facilities. The anticipated loan will be in the amount of $3 million.

9. Irrigation Districts and Similar Water User Entities; Amendatory repayment and water service contracts; Purpose is to conform to the Reclamation Reform Act of 1982 (Pub. L. 97-293).

Upper Missouri Region: Bureau of Reclamation, P.O. Box 2553, Federal Building, 316 North 26th Street, Billings, Montana 59103, Telephone (406) 657-6413

1. Miscellaneous Water Users, Upper Missouri Region, Montana, Wyoming, North Dakota, and South Dakota; Temporary (interim) water service contracts for surplus project water; Maximum of 10,000 acre-feet annually per contractor for irrigation and maximum of 2,000 acre-feet annually per M&I contractor for terms of up to 2 years.

2. Individual Irrigators, Canyon Ferry Unit, P-SMBP, Montana; Irrigation water service contracts not to exceed 320 acres or 1,000 acre-feet of water annually per contractor for terms up to 40 years.

3. Crook County ID (formerly Belle Fourche-Wyoming Water Association), Keyhole Unit, P-SMBP, Wyoming; Repayment contract for irrigation storage; 10 percent (presently 18,500 acre-feet) of Keyhole Reservoir storage space as provided by Belle Fourche River Compact; **Federal Register** notice published August 21, 1980, Vol. 45, page 55842.

4. Montana Power Company, Yellowtail Unit, P-SMBP, Montana; Industrial water service contract; 6,000 acre-feet of water annually for Colstrip Power Complex; **Federal Register** notice published February 3, 1981, Vol. 46, page 10544.

5. Deaver ID, Shoshone Project, Wyoming; R&B loan repayment contract; Up to $1.6 million; **Federal Register** notice published April 2, 1982, Vol. 47, page 17118.

6. Nokota Company, Lake Sakakawea, P-SMBP, North Dakota; Industrial water service contract; Up to 16,800 acre-feet of water annually; **Federal Register** notice published May 5, 1982, Vol. 47, page 19472.

7. State of Wyoming, Buffalo Bill Dam Modifications, P-SMBP, Wyoming; Contract with State of Wyoming for division of additional water impounded, sharing of revenues, and sharing of costs to construct, operate, and maintain modification of the existing Buffalo Bill Dam and Reservoir.

8. Helena Valley ID, P-SMBP, Montana; R&B loan repayment contract; Up to $2.2 million.

9. Fort Shaw ID, Sun River Project, Montana; R&B loan repayment contract; Up to $1.5 million.

10. Glasgow Irrigation District, Milk River Project, Montana; Rehabilitation and Bettermen Act loan repayment contract; Loan amount up to $2.2 million.

11. Irrigation Districts and Similar Water User Entities; Amendatory repayment and water service contracts; Purpose to conform to the Reclamation Reform Act of 1982 (Pub. L. 97-293).

12. City of Huron, James Diversion Dam, P-SMBP, South Dakota; Agreement for continued use of James Diversion Dam and Reservoir facilities and operation and maintenance arrangements; Contract term 20 years.

13. Shoshone Irrigation District, Shoshone Project, Wyoming; Cost escalation loan under Small Reclamation Projects Act of 1956 to provide funds to complete Garland Canal Power Project; Loan amount $214,000; Contract term 40 years.

14. Individual Irrigators, Garrison Diversion Unit, P-SMBP, North Dakota; Use of surplus capacity in water supply system to deliver water to nonproject lands for terms up to 10 years.

Lower Missouri Region: Bureau of Reclamation, P.O. Box 25247 (Building 20, Denver Federal Center), Denver, Colorado 80225, telephone (303) 234-3327

1. H&RW ID, Frenchman-Cambridge Unit, P-SMBP, Nebraska; Amendatory water service contract; $1,200,000 outstanding; FR notice published February 5, 1982, Vol. 47, Page 5472.

2. Central Nebraska Public Power and ID, Glendo Unit, P-SMBP, Nebraska; Irrigation water service contract; 8,000 acre-feet; FR notice published February 7, 1980, Vol. 45, Page 8364.

3. Purgatoire River Water Conservancy District, Trinidad Project, Colorado; Repayment contract for extension of the development period and revision of the repayment determination methodology; FR notice published September 28, 1982, Vol. 47, page 42642.

4. Casper-Alcova ID, Kendrick Project, Wyoming; Amendatory contract to provide water service to subdivided district lands; FR notice published November 24, 1980, Vol. 45.

5. Corn Creek ID, Mitchell ID, Earl Michael, Glendo Unit, Wyoming, and Nebraska; Irrigation water service contracts. FR notice published January 26, 1983, Vol. 48, page 3662.

6. Town of Breckenridge, Colorado-Big Thompson Project, Colorado; Storage in Green Mountain Reservoir. FR notice published January 26, 1983, Vol. 48, page 3662.

7. Pueblo West Metropolitan District, Fryingpan-Arkansas Project, Colorado; Use of municipal outlet of Pueblo Dam for conveyance service; FR notice published January 26, 1983, page 3662.

8. Miscellaneous water users, Lower Missouri Region, Southeastern Wyoming, Colorado, Nebraska, and northern Kansas; Temporary (interim) water service contracts for surplus poroject water, maximum of 10,000 acre-feet annually per contractor for irrigation and maximum of 2,000 acre-feet annually per M&I contractor for terms up to 2 years; FR notice published January 26, 1983, Vol. 48, page 3663.

9. Ruedi Reservoir, Fryingpan-Arkansas Project; Second round of proposed contract negotiations for sale of water form the regulatory capacity of Ruedi Reservoir.

10. Northern Colorado Water Conservancy District and Central Colorado Water Conservancy District, Narrows Unit, Colorado; Water service contracts for repayment of costs.

11. Irrigation Districts and Similar Water User Entities; Amendatory repayment and water service contracts; Purpose is to conform to the Reclamation Reform Act of 1982 (Pub. L. 97-293).

Opportunity for public participation and receipt of comments on contract proposals will be facilitated by adherence to the following procedures:

(1) All meetings or negotiating sessions scheduled by the Bureau with a potential contractor for the purpose of discussing terms and conditions of a proposed contract will be open to the general public for observation. Only those people with authority to act on behalf of the appropriate public entities may negotiate the terms and conditions of a specific contract proposal. Advance notice of such meetings will be furnished to those parties that have made a timely written request for such notice to the appropriate regional or project office of the Bureau.

(2) All written correspondence regarding proposed contracts will be made available to the general public pursuant to the terms and procedures of the Freedom of Information Act (80 Stat. 383), as amended.

(3) Written comments on a proposed contract must be submitted to the appropriate Bureau officials at locations and within time limits set forth in advance public notices or as otherwise established by Bureau officials. Such written comments received and testimony presented at any public hearing will be reviewed and summarized by regional staff for use by the appropriate contract approving authority; i.e., a Regional Director, the Commissioner of Reclamation, or the Secretary of the Interior.

Dated: October 24, 1983.

Darrell D. Mach,

Acting Commissioner of Reclamation.

[FR Doc. 83-29545 Filed 10-28-83; 8:45 am]

BILLING CODE 4310-09-M

INTERNATIONAL TRADE COMMISSION

[Investigation No. 337-TA-133]

Certain Vertical Milling Machines and Parts, Attachments and Accessories Thereto; Receipt of Initial Determination Terminating Respondent on the Basis of Consent Order Agreement

AGENCY: International Trade Commission.

ACTION: Notice is hereby given that the Commission has received an initial determination from the presiding officer in the above-captioned investigation terminating the following respondent on the basis of a consent order agreement: Kiheung Machinery Works, Ltd.

SUPPLEMENTARY INFORMATION: This investigation is being conducted pursuant to section 337 of the Tariff Act of 1930 (19 U.S.C. 1337). Under the Commission's rules, the presiding officer's initial determination will become the determination of the Commission thirty (30) days after the date of its service upon the parties, unless the Commission orders review of the initial determination. The initial determination in this matter was served upon the parties on October 26, 1983.

Copies of the initial determination, the consent order agreement, and all other nonconfidential documents filed in connection with this investigation are available for inspection during official business hours (8:45 a.m. to 5:15 p.m.) in the Office of the Secretary, U.S. International Trade Commission, 701 E Street NW., Washington, D.C. 20436, telephone 202-523-0161.

Written Comments

Interested persons may file written comments with the Commission concerning termination of the aforementioned respondent. The original and 14 copies of all such comments must be filed with the Secretary to the Commission, 701 E Streeet, NW., Washington, D.C. 20436, no later than 10 days after publication of this notice in the **Federal Register.** Any person desiring to submit a document (or portion thereof) to the Commission in confidence must request confidential treatment. Such requests should be directed to the Secretary to the Commission and must include a full statement of the reasons why confidential treatment should be granted. The Commission will either accept the submission in confidence or return it.

FOR FURTHER INFORMATION CONTACT: Ruby J. Dionne, Office of the Secretary, U.S. International Trade Commission, telephone 202-523-0176.

Issued: October 26, 1983.

By order of the Commission.

Kenneth R. Mason,

Secretary.

[FR Doc. 83-29527 Filed 10-28-83; 8:45 am]

BILLING CODE 7020-02-M

INTERSTATE COMMERCE COMMISSION

[Docket No. AB-55 (Sub-No. 74)]

Rail Carriers; Seaboard System Railroad, Inc.; Abandonment in Chatham County, NC; Findings

The Commission has found that the public convenience and necessity permit Seaboard System Railroad, Inc. to abandon its 11.40 mile rail line between Moncure, NC (milepost SD-187.0) and Pittsboro, NC (milepost SD-198.4) in Chatham County, NC. A certificate will be issued authorizing this abandonment unless within 15 days after this publication the Commission also finds that: (1) A financially responsible person has offered assistance (through subsidy or purchase) to enable the rail service to be continued; and (2) it is likely that the assistance would fully compensate the railroad.

Any financial assistance offer must be filed with the Commission and the applicant no later than 10 days from publication of this Notice. The following notation shall be typed in bold face on the lower left-hand corner of the envelope containing the offer: **"Rail Section, AB-OFA."** Any offer previously made must be remade within this 10 day period.

Information and procedures regarding financial assistance for continued rail service are contained in 49 U.S.C. 10905 and 49 CFR 1121.38.

Agatha L. Mergenovich,

Secretary.

[FR Doc. 83-29487 Filed 10-28-83; 8:45 am]

BILLING CODE 7035-01

NUCLEAR REGULATORY COMMISSION

[Docket No. 50-324]

Carolina Power & Light Co.; Consideration of Issuance of Amendment to Facility Operating License and Proposed No Significant Hazards Consideration Determination and Opportunity for Hearing

The U.S. Nuclear Regulatory Commission (the Commission) is considering issuance of an amendment to Facility Operating License No. DPR-62, issued to Carolina Power & Light Company (the licensee), for operation of the Brunswick Steam Electric Plant, Unit No. 2, located in Brunswick County, North Carolina.

The amendment proposed by the licensee would modify Operating License No. DPR-62, paragraph 2H to extend the completion date for modifications to the off-gas system for the Brunswick Steam Electric Plant, Unit 2. Modifications to the off-gas system were required as a result of the adoption of 10 CFR 50 Appendix I, "Numerical Guides for Design Objectives and Limiting Conditions for Operation to Meet the Criterion 'As Low as is Reasonably Achievable' for Radioactive Material in Light-Water-Cooled Nuclear Power Reactor Effluents." The schedular requirement for the completion of modifications by December 31, 1983 was added to the Operating License by Amendment No. 58 dated June 3, 1981. This was based on the licensee's scheduled 1983 refueling outage being completed by November 1983. Due to unforeseen delays, the projected refueling schedule could not be met and the licensee has requested that the completion date be extended from December 31, 1983 to "within two months following the extended outage scheduled to begin in March 1984." This proposed schedule is consistent with the original intent to have these modifications performed during this particular extended refueling outage.

Before issuance of the proposed license amendment, the Commission will have made findings as required by the Atomic Energy Act of 1954, as amended (the Act) and the Commission's regulations.

The Commission has made a proposed determination that the amendment request involves no significant hazards consideration. Under the Commission's regulations in 10 CFR 50.92, this means that operation of the facility in accordance with the proposed amendment would not (1) involve a signficant increase in the probability or consequences of an accident previously evaluated; or (2) create the possibility of a new or different kind of accident from any accident previously evaluated; or (3) invovle a signficant reduction in a margin of safety.

Carolina Powrer & Light Company has determined that the proposed revision to its Operating License involves no significant hazards consideration because the proposed change does not (1) involve an increase in the probability or consequences of an accident previously evaluated, (2) create the possibility of a new or different kind of accident from any accident previously evaluated, or (3) involve a reduction in a margin of safety since the existing Technical Specifications limit gaseous effluents. The Brunswick Technical Specifications limit the annual gaseous releases from the two units to the 10 CFR 50, Appendix I design objectives during the interim period until the modified off-gas system is installed and operational. During the interval from December 31, 1983 to March 1984, gaseous effluents will continue to be maintained within the current Technical Specifications limits.

The staff concurs with the licensee's assessment of hazards considerations and finds that these considerations meet the Commission's three criteria, stated above, for a proposed no significant hazards determination. The staff has also considered that the proposed license amendment will not permit an increase in the amount of effluents or radiation emitted from this facility nor would it allow operation for a time without full safety protections since the objective of Appendix I to 10 CFR 50 in keeping reactor effluents as low as reasonably achievable will be fully met. Based on these considerations the staff has made a proposed determination that the application for amendment involves no significant hazards consideration.

The Commission is seeking public comments on this proposed determination. Any comments received within 30 days after the date of publication of this notice will be considered in making any final determination. The Commission will not normally make a final determination unless it receives a request for a hearing.

Comments should be addressed to the Secretary of the Commission, U.S. Nuclear Regulatory Commission, Washington, D.C. 20555, Attn: Docketing and Service Branch.

By November 30, 1983, the licensee may file a request for a hearing with respect to issuance of the amendment to the subject facility operating license and any person whose interest may be affected by this proceeding and who wishes to participate as a party in the proceeding must file a written petition for leave to intervene. Request for a hearing and petitions for leave to intervene shall be filed in accordance with the Commission's "Rules of Practice for Domestic Licensing Proceedings" in 10 CFR Part 2. If a request for a hearing or petition for leave to intervene is filed by the above date, the Commission or an Atomic Safety and Licensing Board, designated by the Commission or by the Chairman of the Atomic Safety and Licensing Board Panel, will rule on the request and/or petition and the Secretary or the designated Atomic Safety and Licensing Board will issue a notice of hearing or an appropriate order.

As required by 10 CFR 2.714, a petition for leave to intervene shall set forth with particularity the interest of the petitioner in the proceeding, and

how that interest may be affected by the results of the proceeding. The petition should specifically explain the reasons why intervention should be permitted with particular reference to the following factors: (1) The nature of the petitioner's right under the Act to be made a party to the proceeding; (2) the nature and extent of the petitioner's property, financial, or other interest in the proceeding; and (3) the possible effect of any order which may be entered in the proceeding on the petitioner's interest. The petition should also identify the specific aspect(s) of the subject matter of the proceeding as to which petitioner wishes to intervene. Any person who has filed a petition for leave to intervene or who has been admitted as a party may amend the petition without requesting leave of the Board up to fifteen (15) days prior to the first prehearing conference scheduled in the proceeding, but such an amended petition must satisfy the specificity requirements described above.

Not later than fifteen (15) days prior to the first prehearing conference scheduled in the proceeding, a petitioner shall file a supplement to the petition to intervene which must include a list of the contentions which are sought to be litigated in the matter, and the bases for each contention set forth with reasonable specificity. Contentions shall be limited to matter within the scope of the amendment under consideration. A petitioner who fails to file such a supplement which satisfies these requirements with respect to a least one contention will not be permitted to participate as a party.

Those permitted to intervene become parties to the proceeding, subject to any limitations in the order granting leave to intervene, and have the opportunity to participate fully in the conduct of the hearing, including the opportunity to present evidence and cross-examine witnesses.

If a hearing is requested, the Commission will make a final determination on the issue of no significant hazards consideration. The final determination will serve to decide when the hearing is held.

If the final determination is that the amendment request involves no significant hazards consideration, the Commission may issue the amendment and make if effective, notwithstanding the request for a hearing. Any hearing held would take place after issuance of the amendment.

If the final determination is that the amendment involves a significant hazards consideration, any hearing held would take place before the issuance of any amendment.

Normally, the Commission will not issue the amendment until the expiration of the 30-day notice period. However, should circumstances change during the notice period such that failure to act in a timely way would result, for example, in derating or shutdown of the facility, the Commission may issue the license amendment before the expiration of the 30-days notice period, provided that its final determination is that the amendment involves no significant hazards consideration. The final determination will consider all public and State comments received. Should the Commission take this action, it will publish a notice of issuance and provide for opportunity for opportunity for a hearing after issuance. The Commission expects that the need to take this action will occur very infrequently.

A request for a hearing or a petition for leave to intervene must be filed with the Secretary of the Commission, U.S. Nuclear Regulatory Commission, Washington, D.C. 20555, Attn: Docketing and Service Branch, or may be delivered to the Commission's Public Document Room, 1717 H Street, NW., Washington, D.C., by the above date. Where petitions are filed during the last ten (10) days of the notice period, it is requested that the petitioner promptly so inform the Commission by a toll-free telephone call to Western Union at (800) 325-6000 (in Missouri (800) 342-6700). The Western Union operator should be given datagram Identification Number 3737 and the following message addressed to Domenic B. Vassallo: petitioner's name and telephone number; date petition was mailed; plant name; and publication date and page number of this **Federal Register** notice. A copy of the petition should also be sent to the Executive Legal Director, U.S. Nuclear Regulatory Commission, Washington, D.C. 20555, and to George F. Trowbridge, Esquire, Shaw, Pittman, Potts and Trowbridge, 1800 M Street, NW., Washington, D.C. 20036, attorney for the licensee.

Nontimely filings of petitions for leave ot intervene, amended petitions, supplemental petitions and/or requests for hearing will not be entertained absent a determination by the Commission, the presiding officer or the Atomic Safety and Licensing Board designated to rule on the petition and/or request, that the petitioner has made a substantial showing of good cause for the granting of a late petition and/or request. That determination will be based upon a balancing of the factors specified in 10 CFR 2.714(a)(1)(i)-(v) and 2.714(d).

For further details with respect to this action, see the application for amendment, dated September 29, 1983, which is available for public inspection at the Commission's Public Document Room, 1717 H Street, NW., Washington, D.C., and at the Southport, Brunswick County Library, 109 W. Moore Street, Southport, North Carolina 28461.

Dated at Bethesda, Maryland, this 25th day of October 1983.

For the Nuclear Regulatory Commission.

Domenic B. Vassallo,

Chief, Operating Reactors Branch No. 2, Division of Licensing.

[FR Doc. 83-29508 Filed 10-28-83; 8:45 am]

BILLING CODE 7590-01-M

[Docket No. 50-263]

Northern States Power Co.; Consideration of Issuance of Amendment to Facility Operating License and Proposed No Significant Hazards Consideration Determination and Opportunity for Hearing

The U.S. Nuclear Regulatory Commission (the Commission) is considering issuance of an amendment to Facility Operating License No. DPR-22, issued to Northern States Power Company (the licensee), for operation of the Monticello Nuclear Generating Plant located in Wright County, Minnesota.

The proposed revisions to the Technical Specifications would provide for an expanded Radiation Protection Program requirement and limit the extent of required Operations Committee review of radiation protection procedures. The Radiation Protection Program, consistent with the requirements of 10 CFR Part 20, would consist of a Plan and Procedures. The Radiation Protection Plan would be a complete and concise statement of radiation protection policy and program. The procedures would implement the requirements of the Radiation Protection Plan. Operations Committee review of the radiation protection procedures will be omitted only for those non-safety related procedures governing work activities exclusively applicable to or performed by the health physics personnel. Other changes proposed in the September 24, 1982 application are being noticed separately.

Before issuance of the proposed license amendment, the Commission will have made findings required by the Atomic Energy Act of 1954, as amended (the Act) and the Commission's regulations.

The Commission has made a proposed determination that the amendment request involves no significant hazards consideration. Under the Commission's

regulations in 10 CFR 50.92, this means that operation of the facility in accordance with the proposed amendment would not (1) involve a significant increase in the probability or consequences of an accident previously evaluated; or (2) create the possibility of a new or different kind of accident from any accident previously evaluated; or (3) involve a significant reduction in a margin of safety.

The Commission has provided guidance concerning the application of the standards for determining whether a significant hazards consideration exists by providing certain examples. The example of actions involving no significant hazards consideration include actions which are (i) purely administrative change to the Technical Specifications.

The proposed revisions to the Technical Specifications for expanding the Radiation Protection Program requirements and limiting the extent of required Operations Committee review of radiation protection procedures are encompassed by this example. The Radiation Protection Progam would be a formalized program of policy and procedures. Operations Committee review would be omitted only for those non-safety related procedures governing work activities exclusively applicable to or performed by the health physics personnel. The proposed changes are administrative in nature and do not affect any safety-related functions.

Therefore, since the application for amendment involves proposed changes that are administrative in nature and are similar to the examples for which no significant hazards consideration exists, the staff has made a proposed determination that the application involves no significant hazards consideration.

The Commission is seeking public comments on this proposed determination. Any comments received within 30 days after the date of publication of this notice will be considered in making any final determination. The Commission will not normally make a final determination unless it receives a request for a hearing.

Comments should be addressed to the Secretary of the Commission, U.S. Nuclear Regulatory Commission, Washington, D.C. 20555, Attn: Docketing and Service Branch.

By November 30, 1983, the licensee may file a request for a hearing with respect to issuance of the amendment to the subject facility operating license and any person whose interest may be affected by this proceeding and who wishes to participate as a party in the proceeding must file a written petition for leave to intervene. Request for a hearing and petitions for leave to intervene shall be filed in accordance with the Commission's "Rules of Practice for Domestic Licensing Proceedings" in 10 CFR Part 2. If a request for a hearing or petition for leave to intervene is filed by the above date, the Commission or an Atomic Safety and Licensing Board, designated by the Commission or by the Chairman of the Atomic Safety and Licensing Board Panel, will rule on the request and/or petition and the Secretary or the designated Atomic Safety and Licensing Board will issue a notice of hearing or an appropriate order.

As required by 10 CFR 2.714, a petition for leave to intervene shall set forth with particularity the interest of the petitioner in the proceeding, and how that interest may be affected by the results of the proceeding. The petition should specifically explain the reasons why intervention should be permitted with particular reference to the following factors: (1) The nature of the petitioner's right under the Act to be made a party to the proceeding; (2) the nature and extent of the petitioner's property, financial, or other interest in the proceeding; and (3) the possible effect of any order which may be entered in the proceeding to the petitioner's interest. The petition should also identify the specific aspect(s) of the subject matter of the proceeding as to which petitioner wishes to intervene. Any person who has filed a petition for leave to intervene or who has been admitted as a party may amend the petition without requesting leave of the Board up to fifteen (15) days prior to the first prehearing conference scheduled in the proceeding, but such an amended petition must satisfy the specificity requirements described above.

Not later than fifteen (15) days prior to the first prehearing conference scheduled in the proceeding, a petitioner shall file a supplement to the petition to intervene which must include a list of the contentions which are sought to be litigated in the matter, and the bases for each contention set forth with reasonable specificity. Contentions shall be limited to matters within the scope of the amendment under consideration. A petitioner who fails to file such a supplement which satisfies these requirements with respect to at least one contention will not be permitted to participate as a party.

Those permitted to intervene become parties to the proceeding, subject to any limitations in the order granting leave to intervene, and have the opportunity to participate fully in the conduct of the hearing, including the opportunity to present evidence and cross-examine witnesses.

If a hearing is requested, the Commission will make a final determination on the issue of no significant hazards consideration. The final determination will serve to decide when the hearing is held.

If the final determination is that the amendment request involves no significant hazards consideration, the Commission may issue the amendment and make it effective, notwithstanding the request for a hearing. Any hearing held would take place after issuance of the amendment.

If the final determination is that the amendment involves a significant hazards consideration, any hearing held would take place before the issuance of any amendment.

Normally, the Commission will not issue the amendment until the expiration of the 30-day notice period. However, should circumstances change during the notice period such that failure to act in a timely way would result, for example, in derating or shutdown of the facility, the Commission may issue the license amendment before the expiration of the 30-day notice period, provided that its final determination is that the amendment involves no significant hazards consideration. The final determination will consider all public and State comments received. Should the Commission take this action, it will publish a notice of issuance and provide for opportunity for a hearing after issuance. The Commission expects that the need to take this action will occur very infrequently.

A request for a hearing or a petition for leave to intervene must be filed with the Secretary of the Commission, U.S. Nuclear Regulatory Commission, Washington, D.C. 20555, Attention: Docketing and Service Branch, or may be delivered to the Commission's Public Document Room, 1717 H Street, NW., Washington, D.C. by the above date. Where petitions are filed during the last ten (10) days of the notice period, it is requested that the petitioner promptly so inform the Commission by a toll-free telephone call to Western Union at (800) 325-6000 (in Missouri (800) 342-6700). The Western Union operator should be given Datagram Identification Number 3737 and the following message addressed to Domenic B. Vassallo: Petitioner's name and telephone number; date petition was mailed; plant name; and publication date and page number of the **Federal Register** notice. A copy of the petition should also be sent to the Executive Legal Director, U.S.

Nuclear Regulatory Commission, Washington, D.C. 20555, and to Gerald Charnoff, Esq., Shaw, Pittman, Potts and Trowbridge, 1800 M Street, NW., Washington, D.C. 20036, attorney for the licensee.

Nontimely filings of petitions for leave to intervene, amended petitions, supplemental petitions and/or requests for hearing will not be entertained absent a determination by the Commission, the presiding officer or the Atomic Safety and Licensing Board designated to rule on the petition and/or request, that the petitioner has made a substantial showing of good cause for the granting of a late petition and/or request. That determination will be based upon a balancing of the factors specified in 10 CFR 2.714(a)(1) (i)-(v) and 2.714(d).

For further details with respect to this action, see the application for amendment which is available for public inspection at the Commission's Public Document Room, 1717 H Street, NW., Washington, D.C. and at the Environmental Conservation Library, Minneapolis Public Library, 300 Nicollet Mall, Minneapolis, Minnesota.

Dated at Bethesda, Maryland, this 25th day of October 1983.

For the Nuclear Regulatory Commission.

Domenic B. Vassallo,

Chief, Operating Reactors Branch No. 2, Division of Licensing.

[FR Doc. 83-29509 Filed 10-28-83; 8:45 am]

BILLING CODE 7590-01-M

[Docket Nos. 50-259, 50-260, and 50-296]

Tennessee Valley Authority; Consideration of Issuance of Amendments to Facility Operating Licenses and Proposed No Significant Hazards Consideration Determination and Opportunity for Hearing

The U.S. Nuclear Regulatory Commission (the Commission) is considering issuance of an amendment to Facility Operating License Nos. DPR-33, DPR-52 and DPR-68, issued to Tennessee Valley Authority (the licensee), for operation of the Browns Ferry Nuclear Power Plant, Unit Nos. 1, 2 and 3 located in Limestone County, Alabama.

The amendment proposed by the licensee would revise the Technical Specifications of the operating licenses to add additional restrictions, limits and controls on the amount of unidentified leakage into primary containment. The present Technical Specifications limit leakage from unidentified sources to a total of 5 gpm. The changes would add an additional limitation that the unidentified leakage also be limited to an increase of not more than 2 gpm in any 24 hour period. The changes would also require that the systems be checked every 8 hours rather than once every 24 hours as is now required. These additional leakage limitations were proposed by the licensee after discussions with the staff concerning the monitoring of leakage into primary containment.

These revisions to the Technical Specifications would be made in response to the licensee's application dated March 25, 1983.

Before issuance of the proposed license amendment, the Commission will have made findings as required by the Atomic Energy Act of 1954, as amended (the Act) and the Commission's regulations.

The Commission has made a proposed determination that the amendment request involves no significant hazards consideration. Under the Commission's regulations in 10 CFR 50.92, this means that operation of the facility in accordance with the proposed amendment would not (1) Involve a significant increase in the probability or consequences of an accident previously evaluated; or (2) create the possibility of a new or different kind of accident from any accident previously evaluated; or (3) involve a significant reduction in a margin of safety.

The Commission has provided guidance concerning the application of the standards by providing examples of actions that are likely, and are not likely, to involve significant hazards considerations (48 FR 14870). Examples of actions not likely to involve significant hazards considerations include:

"(ii) A change that constitutes an additional limitation, restriction, or control not presently included in the technical specifications: for example, a more stringent surveillance requirement."

The additional restrictions, limitations and controls on unidentified drywell leakage which are being added to the present limits in the Technical Specifications are encompassed by the above example.

Thus, this change falls within example (ii) of changes that are not likely to involve significant hazards considerations and on this basis the staff proposes to find that this change does not involve significant hazards considerations.

The Commission is seeking public comments on this proposed determination. Any comments received within 30 days after the date of publication of this notice will be considered in making any final determination. The Commission will not normally make a final determination unless it receives a request for a hearing.

Comments should be addressed to the Secretary of the Commission, U.S. Nuclear Regulatory Commission, Washington, D.C. 20555, Attn: Docketing and Service Branch.

By November 30, 1983, the licensee may file a request for a hearing with respect to issuance of the amendment to the subject facility operating licenses and any person whose interest may be affected by this proceeding and who wishes to participate as a party in the proceeding must file a written petition for leave to intervene. Request for a hearing and petitions for leave to intervene shall be filed in accordance with the Commission's "Rules of Practice for Domestic Licensing Proceedings" in 10 CFR Part 2. If a request for a hearing or petition for leave to intervene is filed by the above date, the Commission or an Atomic Safety and Licensing Board, designated by the Commission or by the Chairman of the Atomic Safety and Licensing Board Panel, will rule on the request and/or petition and the Secretary or the designated Atomic Safety and Licensing Board will issue a notice of hearing or an appropriate order.

As required by 10 CFR 2.714, a petition for leave to intervene shall set forth with particularity the interest of the petitioner in the proceeding, and how that interest may be affected by the results of the proceeding. The petition should specifically explain the reasons why intervention should be permitted with particular reference to the following factors: (1) The nature of the petitioner's right under the Act to be made a party to he proceeding; (2) the nature and extent of the petitioner's property, financial, or other interest in the proceeding; and (3) the possible effect of any order which may be entered in the proceeding on the petitioner's interest. The petition should also identify the specific aspect(s) of the subject matter of the proceeding as to which petitioner wishes to intervene. Any person who has filed a petition for leave to intervene or who has been admitted as a party may amend the petition without requesting leave of the Board up to fifteen (15) days prior to the first prehearing conference scheduled in the proceeding, but such an amended petition must satisfy the specificity requirements described above.

Not later than fifteen (15) days prior to the first prehearing conference scheduled in the proceeding, a petitioner

shall file a supplement to the petition to intervene which must include a list of the contentions which are sought to be litigated in the matter, and the bases for each contention set forth with reasonable specificity. Contentions shall be limited to matters within the scope of the amendment under consideration. A petitioner who fails to file such a supplement which satisfies these requirements with respect to at least one contention will not be permitted to participate as a party.

Those permitted to intervene become parties to the proceeding, subject to any limitations in the order granting leave to intervene, and have the opportunity to participate fully in the conduct of the hearing, including the opportunity to present evidence and cross-examine witnesses.

If a hearing is requested, the Commission will make a final determination on the issue of no significant hazards consideration. The final determination will serve to decide when the hearing held.

If the final determination is that the amendment request involves no significant hazards consideration, the Commission may issue the amendment and make it effective, notwithstanding the request for a hearing. Any hearing held would take place after issuance of the amendment.

If the final determination is that the amendment involves a significant hazards consideration, any hearing held would take place before the issuance of any amendment.

Normally, the Commission will not issue the amendment until the expiration of the 30-day notice period. However, should circumstances change during the notice period such that failure to act in a timely way would result, for example, in derating or shutdown of the facility, the Commission may issue the license amendment before the expiration of the 30-day notice period, provided that its final determination is that the amendment involves no significant hazards consideration. The final determination will consider all public and State comments received. Should the Commission take this action, it will publish a notice of issuance and provide for opportunity for a hearing after issuance. The Commission expects that the need to take this action will occur very infrequently.

A request for a hearing or a petition for leave to intervene must be filed with the Secretary of the Commission, U.S. Nuclear Regulatory Commission, Washington, D.C. 20555, Attn: Docketing and Service Branch, or may be delivered to the Commission's Public Document Room 1717 H Street, NW., Washington, D.C., by the above date. Where petitions are filed during the last ten (10) days of the notice period, it is requested that the petitioner promptly so inform the Commission by a toll-free telephone call to Western Union at (800) 325-6000 (in Missouri (800) 342-6700). The Western Union operator should be given Datagram Identification Number 3737 and the following message addressed to Domenic B. Vassallo: petitioner's name and telephone number; date petition was mailed; plant name; and publication date and page number of this **Federal Register** notice. A copy of the petition should also be sent to the Executive Legal Director, U.S. Nuclear Regulatory Commission, Washington, D.C. 20555, and to H. S. Sanger, Jr., Esquire, General Counsel, Tennessee Valley Authority, 400 Commerce Avenue, E11B 33C, Knoxville, Tennesse 37902, attorney for the licensee.

Nontimely filings of petitions for leave to intervene, amended petitions, supplemental petitions and/or requests for hearing will not be entertained absent a determination by the Commission, the presiding officer or the Atomic Safety and Licensing Board designated to rule on the petition and/or request, that the petitioner has made a substantial showing of good cause for the granting of a late petition and/or request. That determination will be based upon a balancing of the factors specified in 10 CFR 2.714(a)(1) (i)-(v) and 2.714(d).

For further details with respect to this action, see the application for amendment, dated March 25, 1983, which is available for public inspection at the Commission's Public Document Room, 1717 H Street, NW., Washington, D.C., and at the Athens Public Library, South and Forrest, Athens, Alabama 35611.

Dated at Bethesda, Maryland, this 25th day of October, 1983.

For the Nuclear Regulatory Commission.

Domenic B. Vassallo,

Chief, Operating Reactors Branch No. 2, Division of Licensing.

[FR Doc. 83-28510 Filed 10-28-83; 8:45 am]

BILLING CODE 7590-01-M

Advisory Committee on Reactor Safeguards Subcommittee on Advanced Reactors; Meeting

The ACRS Subcommittee on Advanced Reactors will hold a meeting on November 16, 1983, Room 1118, 1717 H Street, NW., Washington, D.C. The Subcommittee will review NRC Research Programs in the area of Advanced Reactors, particularly liquid metal fast breeder reactors, for the ACRS Report to the Commission on the FY 1985-1986 research budget.

In accordance with the procedures outlined in the **Federal Register** on September 28, 1983 (48 FR 44291), oral or written statements may be presented by members of the public, recordings will be permitted only during those portions of the meeting when a transcript is being kept, and questions may be asked only by members of the Subcommittee, its consultants, and Staff. Persons desiring to make oral statements should notify the Designated Federal Employee as far in advance as practicable so that appropriate arrangements can be made to allow the necessary time during the meeting for such statements.

The entire meeting will be open to public attendance.

The agenda for subject meeting shall be as follows:

Wednesday, November 16, 1983—1:00 p.m. until the conclusion of business.

During the initial portion of the meeting, the Subcommittee, along with any of its consultants who may be present, may exchange preliminary views regarding the topics to be discussed.

The Subcommittee will then hear presentations by and hold discussions with representatives of the NRC Staff, their consultants, and other interested persons regarding this review.

Further information regarding topics to be discussed, whether the meeting has been cancelled or rescheduled, the Chairman's ruling on requests for the opportunity to present oral statements and the time allotted therefor can be obtained by a prepaid telephone call to the cognizant Designated Federal Employee, Mr. Paul Boehnert (telephone 202/634-3267) between 8:15 a.m. and 5:00 p.m., EDT.

Dated: October 26, 1983.

John C. Hoyle,

Advisory Committee Management Officer.

[FR Doc. 83-28513 Filed 10-28-83; 8:45 am]

BILLING CODE 7590-01-M

Advisory Committee on Reactor Safeguards Subcommittee on Electrical Systems; Meeting

The ACRS Subcommittee on Electrical Systems will hold a meeting on November 16, 1983, GSA Auditorium, 18th and F Street, NW., Washington, D.C. The Subcommittee will discuss the research program activities assigned to this Subcommittee in preparation for the report to Congress on NRC-sponsored research for FY 1985-1986.

In accordance with the procedures outlined in the **Federal Register** on

September 28, 1983 (48 FR 44291), oral or written statements may be presented by members of the public, recordings will be permitted only during those portions of the meeting when a transcript is being kept, and questions may be asked only by members of the Subcommittee, its consultants, and Staff. Persons desiring to make oral statements should notify the Designated Federal Employee as far in advance as practicable so that appropriate arrangements can be made to allow the necessary time during the meeting for such statements.

The entire meeting will be open to public attendance.

The agenda for subject meeting shall be as follows:

Wednesday, November 16, 1983—1:00 p.m. until the conclusion of business.

During the initial portion of the meeting, the Subcommittee, along with any of its consultants who may be present, may exchange preliminary views regarding matters to be considered during the balance of the meeting.

The Subcommittee will then hear presentations by and hold discussions with representatives of the NRC Staff, their consultants, and other interested persons regarding this review.

Further information regarding topics to be discussed, whether the meeting has been cancelled or rescheduled, the Chairman's ruling on requests for the opportunity to present oral statements and the time allotted therefor can be obtained by a prepaid telephone call to the cognizant Designated Federal Employee, Dr. Richard Savio (telephone 202/634-3267) between 8:15 a.m. and 5:00 p.m., EDT.

Dated: October 26, 1983.

John C. Hoyle,

Advisory Committee Management Officer.

[FR Doc. 83-29512 Filed 10-28-83; 8:45 am]

BILLING CODE 7590-01-M

Advisory Committee on Reactor Safeguards Subcommittee on Reliability and Probabilistic Assessment; Meeting

The ACRS Subcommittee on Reliability and Probabilistic Assessment will hold a meeting on November 16, 1983, Room 1167, at 1717 H Street, NW., Washington, D.C. The Subcommittee willl discuss the NRC research programs assigned to this Subcommittee in preparation for the report to Congress on NRC sponsored research for FY 1985-1986 and in preparation for a response to the GAO request for comment on NRC sponsored probabilistic risk assessment-related research programs.

In accordance with the procedures outlined in the **Federal Register** on September 28, 1983 (48 FR 44291), oral or written statements may be presented by members of the public, recordings will be permitted only during those portions of the meeting when a transcript is being kept, and questions may be asked only by members Subcommittees, its consultants, and Staff. Persons desiring to make oral statements should notify the Designated Federal Employee as far in advance as practicable so that appropriate arrangements can be made to allow the necessary time during the meeting for such statements.

The entire meeting will be open to public attendance.

Wednesday, November 16, 1983—10:00 a.m. until the conclusion of business.

During the initial portion of the meeting, the Subcommittee, along with any of its consultants who may be present, may exchange preliminary views regarding matters to be considered during the balance of the meeting.

The Subcommittee will then hear presentations by and hold discussions with representatives of the NRC Staff, their consultants, and other interested persons regarding the topics to be discussed.

Further information regarding topics to be discussed, whether the meeting has been cancelled or rescheduled, the Chairman's ruling on requests for the opportunity to present oral statements and the time allotted therefor can be obtained by a prepaid telephone call to the Designated Federal Employee, Dr. Richard Savio (telephone 202/634-3267) between 8:15 a.m. and 5:00 p.m., EDT.

Dated: October 26, 1983.

John C. Hoyle,

Advisory Committee Management Officer.

[FR Doc. 83-29514 Filed 10-28-83; 8:45 am]

BILLING CODE 7590-01-M

Advisory Committee on Reactor Safeguards Subcommittee on Regulatory Activities; Meeting

The ACRS Subcommittee on Regulatory Activities will hold a meeting on November 16, 1983 in Room 1046, 1717 H Street, NW., Washington, D.C.

In accordance with the procedures outlined in the **Federal Register** on September 28, 1983 (48 FR 44291), oral or written statements may be presented by members of the public, recordings will be permitted only during those portions of the meeting when a transcript is being kept, and questions may be asked only by members of the Subcommittee, its consultants, and Staff. Persons desiring to make oral statements should notify the Designated Federal Employee as far in advance as practicable so that appropriate arrangements can be made to allow the necessary time during the meeting for such statements.

The entire meeting will be open to public attendance.

The agenda for subject meeting shall be as follows:

Wednesday, November 16, 1983—8:45 a.m.-11:00 a.m.

The Subcommittee will hear presentations from the NRC Staff and will hold discussions with this group pertinent to the following: Regulatory Guide 1.105, Rev. 2, "Instrument Setpoints for Safety-Related Systems".

Other matters which may be of a predecisional nature relevant to reactor operation or licensing activities may be discussed following this session.

Persons wishing to submit written statements regarding Regulatory Guide 1.105, Revision 2, may do so by providing a readily reproducible copy to the Subcommittee at the beginning of the meeting. However, to ensure that adequate time is available for full consideration of these comments at the meeting, it is desirable to send a readily reproducible copy of the comments as far in advance of the meeting as practicable to Mr. Sam Duraiswamy, the Designated Federal Employee for the meeting, in care of ACRS, Nuclear Regulatory Commission, Washington, D.C. 20555 or telecopy them to the Designated Federal Employee (202/634-3319) as far in advance of the meeting as practicable. Such comments shall be based upon documents on file and available for public inspection at the NRC Public Document Room, 1717 H St., NW, Washington, D.C. 20555.

Further information regarding topics to be discussed, whether the meeting has been cancelled or rescheduled, the Chairman's ruling on requests for the opportunity to present oral statements and the time allotted therefor can be obtained by a prepaid telephone call to the Designated Federal Employee for this meeting, Mr. Sam Duraiswamy, (telephone 202/634-3267) between 8:15 a.m. and 5:00 p.m., EDT.

Dated: October 26, 1983.

John C. Hoyle,

Advisory Committee Management Officer.

[FR Doc. 83-29515 Filed 10-28-83; 8:45 am]

BILLING CODE 7590-01-M

PEACE CORPS

Notification of Extension Request of Peace Corps' Form PC 1532, Volunteer Reference Form

AGENCY: Peace Corps.

ACTION: Notification of Extension Request of Peace Corps' Form PC 1532, Volunteer Reference Form.

SUMMARY: The information collection form described below has been submitted to the Office of Management and Budget (OMB) for review, as required by the Paperwork Reduction Act. The Peace Corps is requesting a three-year extension approval of the form.

ADDRESS: Interested persons are invited to submit comments regarding this form by name. These comments should be sent to Francine Picoult, OMB Desk Officer, Office of Management and Budget, New Executive Office Building, Room 3235, Washington, D. C. 20503. Comments should be received on or before December 30, 1983.

FOR FURTHER INFORMATION CONTACT: Robert Jackson, Special Assistant, Office of Recruitment, Peace Corps, 806 Connecticut Avenue, NW., Room M-900, Washington, D.C. 20526, telephone (202) 254-8387. This is not a toll-free number. For a copy of the form contact Mr. Jackson.

SUPPLEMENTARY INFORMATION: Individuals applying for Peace Corps Volunteer service furnish names and addresses of persons having knowledge of their qualifications for such service. Reference forms are sent to the listed individuals for those applicants basically qualified and nominated for Peace Corps Volunteer service. Information furnished by the referents is used as part of the determination process in selecting and placing applicant/nominees in volunteer projects. Peace Corps has no other means of obtaining this type of appraisal of an applicant's capabilities for volunteer service.

List of Subjects: Volunteers, Privacy Act
Form Title: Peace Corps Volunteer Reference Form
Office: Office of Recruitment, Placement and Staging
Form Number: PC 1532
Frequency of Submission: On occasion.
Affected Public: Individuals listed as references by Peace Corps Volunteer afflicants.
Estimated Burden Hours: 37,500 per annum

This is not a proposal to which 44 U.S.C. 3504(h) applies. This notice is issued in Washington, D.C. on October 26, 1963.

Robert T. Spencer,
Associate Director for Management.

[FR Doc. 83-29425 Filed 10-28-83; 8:45 am]

BILLING CODE 6051-01-M

RAILROAD RETIREMENT BOARD

Determination of Quarterly Rate of Excise Tax for Railroad Retirement Supplemental Annuity Program

In accordance with directions in Section 3221(c) of the Railroad Retirement Tax Act (26 U.S.C. 3221(c)), the Railroad Retirement Board has determined that the excise tax imposed by such Section 3221(c) on every employer, with respect to having individuals in his employ, for each work-hour for which compensation is paid by such employer for services rendered to him during the quarter beginning January 1, 1984, shall be at the rate of 20 cents.

In accordance with directions in Section 15(a) of the Railroad Retirement Act of 1974, the Railroad Retirement Board has determined that for the quarter beginning January 1, 1984, 25.5 percent of the taxes collected under Sections 3211(b) and 3221(c) of the Railroad Retirement Tax Act shall be credited to the Railroad Retirement Account and 74.5 percent of the taxes collected under such Sections 3211(b) and 3221(c) plus one hundred percent of the taxes collected under Section 3221(d) of the Railroad Retirement Tax Act shall be credited to the Railroad Retirement Supplemental Account.

Dated: October 24, 1983.

By Authority of the Board.

James T. Brown,
Executive Director.

[FR Doc. 83-29461 Filed 10-28-83; 8:45 am]

BILLING CODE 7905-01-M

SECURITIES AND EXCHANGE COMMISSION

[Release No. 20324; (SR-Amex-83-20)]

American Stock Exchange, Inc.; Order Approving Proposed Rule Change

October 25, 1983.

The American Stock Exchange, Inc. ("Amex") 86 Trinity Place, New York, New York 10006, submitted on August 16, 1983, copies of a proposed rule change pursuant to Section 19(b)(1) of the Securities Exchange Act of 1934 (the "Act") and Rule 19b-4 thereunder, to amend Amex Rule 449 [1] ("Agreements for Use of Customer Securities") by deleting from that rule a provision that requires member firms to obtain from a customer a separate written authorization (i.e., a consent to lend agreement) before hypothecating or lending any of the customer's securities held in a margin account. The rule change would also permit member firms to incorporate consent to lend agreements within the margin agreements that must be signed by all margin customers.[2]

Notice of the proposed rule change together with the terms of substance of the proposed rule change was given by the issuance of a Commission Release (Securities Exchange Act Release No. 20159, September 8, 1983) and by publication in the **Federal Register** (48 FR 43118, September 21, 1983). No comments were received with respect to the proposed rule filing.

The Commission finds that the proposed rule change is consistent with the requirements of the Act and the rules and regulations thereunder applicable to a national securities exchange and, in particular, the requirements of Section 6 and the rules and regulations thereunder.

It is therefore ordered, pursuant to Section 19(b)(2) of the Act, that the above-mentioned proposed rule change be, and hereby is, approved.

For the Commission, by the Division of Market Regulation pursuant to delegated authority.

George A. Fitzsimmons
Secretary.

[FR Doc. 83-29540 Filed 10-28-83; 8:45 am]

BILLING CODE 8010-01-M

[1] The Commission has approved similar amendments to Rule 402(b) of the New York Stock Exchange (SR-NYSE-82-4) (Securities Exchange Act Release No. 19611, March 17, 1983; 48 FR 12482, March 24, 1983).

[File No. 1-4239]

CCI Corp., 12¾% Subordinated Debentures (Due 12-15-98), 13⅞% Subordinated Debentures (Due 7-15-2001); Application To Withdraw From Listing and Registration

October 25, 1983.

The above named issuer has filed an application with the Securities and Exchange Commission pursuant to

[2] In response to the Commission's concern expressed in connection with a similar NYSE rule change (SR-NYSE-82-4) that elimination of the separate signature requirement would eliminate or reduce informed customer consent to the hypothecation of his securities, the Exchange has added a new commentary .10 to Rule 449 which would require member organizations using a combined margin/loan consent agreement format to include directly above the signature line a bold type face legend which would highlight to the customer that he is authorizing the loan of his securities. This legend would not be required if the member organization used a separate loan consent form.

Section 12(d) of the Securities Exchange Act of 1934 ("Act") and Rule 12d2-2(d) promulgated thereunder, to withdraw the specified security from listing and registration on the New York Stock Exchange, Inc. ("NYSE").

The reasons alleged in the application for withdrawing this security from listing and registration include the following:

The debentures of CCI Corporation ("Company") are listed and registered on the NYSE. Currently, the 12¾% debentures are held by 140 holders of record and the 13⅞% debentures are held by only 29 holders of record. As a result, trading in the debentures has been minimal. For the above reasons, the Company has determined that continued listing on the NYSE is no longer justified. The NYSE has posed no objection in this matter.

Any interested person may, on or before November 15, 1983, submit by letter to the Secertary of the Securities and Exchange Commission, Washington, D.C. 20549, facts bearing upon whether the application has been made in accordance with the rules of the Exchange and what terms, if any, should be imposed by the Commission for the protection of investors. The Commission, based on the information submitted to it, will issue an order granting the application after the date mentioned above, unless the Commission determines to order a hearing on the matter.

For the Commission, by the Division of Market Regulation, pursuant to delegated authority.

George A. Fitzsimmons,

Secretary.

[FR Doc. 83-29538 Filed 10-28-83; 8:45 am]

BILLING CODE 8010-01-M

[File No. 22-12751]

Mobil Oil Corp.; Application and Opportunity for Hearing

October 25, 1983.

Notice is hereby given that Mobil Oil Corporation, a New York corporation ("Applicant"), has filed an application pursuant to Section 310(b)(1)(ii) of the Trust Indenture Act of 1939 ("Trust Indenture Act"), for a finding by the Securities and Exchange Commission ("Commission") that Bankers Trust Company should not be deemed to have a conflicting interest within the meaning of Section 310(b) of the Trust Indenture Act which would disqualify it from continuing to act as Trustee under an indenture dated as of October 1, 1971 between the Applicant and Bankers Trust Company, and an indenture dated April 1, 1963 between Socony Oil Company, predecessor of the Applicant, and First National City Bank, Trustee and Bankers Trust Company, Successor Trustee, were it to act as Trustee under a new indenture to be entered into by Cortez Capital Corporation and Bankers Trust Company ("New Indenture") and were it to continue to act as Trustee under a separate indenture of Colonial Pipeline Company, Dixie Pipeline Company and Wolverine Pipe Line Company, respectively.

The Applicant alleges the following:

1. Cortez Capital Corporation ("Corporation"), a limited purpose corporation, was incorporated in the State of Delaware in April, 1982. All of the outstanding capital stock of the Corporation is owned by a general partnership ("Partnership") consisting of three corporate partners including a wholly owned subsidiary of the Applicant.

As part of its shelf registration statement that has been filed with the Commission, the Corporation is seeking to qualify under the Trust Indenture Act the New Indenture pursuant to which up to $300,000,000 aggregate principal amount of the Corporation's debt securities ("Debt Securities") may be issued. The Corporation may issue its Debt Securities in series on terms determined by market conditions at the time of sale.

Pursuant to a Financing Agreement between the Corporation and the Partnership, the proceeds from the sale of the Debt Securities will be used to lend to the Partnership in exchange for corresponding partnership notes ("Partnership Notes"). The Partnership's payment obligation on the Partnership Notes will be in an amount equal to the principal and interest on the Debt Securities. As security for the payment of the Debt Securities, the Partnership will assign to Bankers Trust Company, pursuant to a Consent, Assignment and Agreement, its rights under a Throughput and Deficiency Agreement ("Throughput Agreement") between a wholly owned subsidiary of each of Shell Oil Company, The Continental Group, Inc., and the Applicant (collectively, the "Parents"). The Throughput Agreement provides, in essence, that the Throughput Obligors will pay to the Partnership their proportionate share of any amount by which payment due under the Partnership Notes exceeds the amount then available to the Partnership for such payment. The respective performance by the subject subsidiaries under the Throughput Agreement is guaranteed severally by the Parents.

The Debt Securities which may be issued under the New Indenture rank *pari passu* with the other indebtedness of the Corporation.

2. The Applicant has entered into an indenture ("Qualified Indenture") dated as of October 1, 1971 with Bankers Trust Company, as Trustee (the "Colonial Indenture"), pursuant to which the Applicant issued $186,600,000 aggregate principal amount of its 7⅝% Debentures due October 1, 2001 ("7⅝% Debentures"). These securities were sold publicly pursuant to a registration statement filed under the Securities Act of 1933 and the indenture was qualified under the Trust Indenture Act. The 7⅝% Debentures issued under the Qualified Indenture are unsecured obligations of the Applicant.

3. The predecessor of the Applicant, now the Applicant, entered into an indenture ("Qualified Citibank Indenture") dated as of April 1, 1963 with First National City Bank, as Trustee and with Bankers Trust Company as Successor Trustee, pursuant to which the Applicant issued $106,250,000 aggregate principal amount of its 4¼% Debentures due April 1, 1993 ("4¼% Debentures"). These securities were sold publicly pursuant to a registration statement filed under the Securities Act of 1933 and the indenture was qualified under the Trust Indenture Act. The 4¼% Debentures issued under the Qualified Citibank Indenture are unsecured obligations of the Applicant.

4. Bankers Trust Company is also the Trustee under an indenture dated as of June 15, 1962 entered into with Colonial Pipeline Company ("Colonial"), a Delaware corporation, pursuant to which Colonial issued various series of its notes ("Colonial Notes"). There are nine series of Colonial Notes in which $689,146,000 principal amount is outstanding. The Colonial Notes and Colonial Indenture are secured by the assignment of Colonial's rights under a Throughput Agreement dated as of June 15, 1962, as amended (the "Colonial Throughput Agreement"), among Colonial and various other oil companies, including Applicant, that own all its stock. In the Colonial Throughput Agreement each oil company agreed, severally and not jointly, to ship through the pipeline a stated percentage of an amount of petroleum products that will, when taken with shipment by others, at the tariff rates, provide Colonial with sufficient cash to pay all its obligations, including the Colonial Notes. If shipments through the pipeline are insufficient for any reason to provide for Colonial's obligations, each oil company

agreed to make a cash advance against its future shipping costs based on its proportionate share of the throughput obligations. Applicant's proportionate share of the throughput obligations is 11.49 percent.

5. Bankers Trust Company is Trustee under an Indenture dated as of July 15, 1961, as supplemented, between Dixie Pipeline Company, a Delaware corporation ("Dixie") and Bankers Trust Company as Trustee (the "Dixie Indenture"), under which there are outstanding (as of July 31, 1983) $26,000,000 principal amount of three series of notes of Dixie ("Dixie Notes"). The Dixie Notes and Dixie Indenture are secured by the assignment of Dixie's rights under a Throughput Agreement dated as of July 15, 1961, as amended (the "Dixie Throughput Agreement"), among Dixie and various other oil companies, including Applicant which own all its stock. In the Dixie Throughput Agreement each oil company agreed, severally and not jointly, to ship through the pipeline a stated percentage of an amount of petroleum products that will, when taken with shipments by others, at the tariff rates, provide Dixie with sufficient cash to pay all its obligations, including the Dixie Notes. If shipments through the pipeline are insufficient for any reason to provide for Dixie's obligations, each oil company agreed to make cash advance against its future shipping costs based on its proportionate share of the throughput obligations. Applicant's proportionate share of the throughput obligations is 5 percent.

6. Bankers Trust Company is Trustee under an Indenture dated as of October 1, 1971, as supplemented, between Wolverine Pipe Line Company, a Delaware corporation ("Wolverine"), and Bankers Trust Company, as Trustee (the "Wolverine Indenture"), under which there are outstanding (as of July 31, 1983) $33,140,000 principal amount of three series of notes of Wolverine ("Wolverine Notes"). The Wolverine Notes and Wolverine Indenture are secured by the assignment of Wolverine's rights under a Throughput Agreement dated September 15, 1971, as amended (the "Wolverine Throughput Agreement"), among Wolverine and various other oil companies, including Applicant, that own all its stock. In the Wolvering Throughput Agreement each oil company agreed, severally and not jointly, to ship through the pipeline a stated percentage of an amount of petroleum products that will, when taken with shipments by others, at the tariff rates, provide Wolverine with sufficient cash to pay all its obligations, including the Wolverine Notes. If shipments through the pipeline are insufficient for any reason to provide for Wolverine's obligation, each oil company agreed to make a cash advance against its future shipping costs based on its proportionate share of the throughput obligations. Applicant's proportionate share of the throughput obligations is 30 percent.

7. No default has at any time existed under the aforementioned existing indentures.

8. The Applicant does not believe that the proposed New Indenture or any of the aforementioned existing indentures involves, or would involve, a conflicting interest as defined in Section 8.08 of the Qualified Indenture and Section 310(b) of the Trust Indenture Act. Specifically, the Applicant does not consider that the contracts to which it is a party in the foregoing Colonial Pipeline Company, Dixie Pipeline Company and Wolverine Pipe Line Company financings constitute it an "obligor" (as defined in Section 303(12) of the Trust Indenture Act of 1939) upon the securities under any of the indentures involved in these financings. Further, the obligations of the Applicant in respect of the Debentures and its contractual obligations pertinent to the Corporation's proposed financing and the financings of Colonial Pipeline Company, Dixie Pipeline Company and Wolverine Pipe Line Company rank equally with the Applicant's other unsecured indebtedness. The Applicant therefor believes that even if it were to be deemed an "obligor" upon the indentures and the financings described above, the trusteeships of Bankers Trust Company under the New Indenture and under the aforementioned existing indentures are not so likely to involve a material conflict of interest as to make it necessary in the public interest or for the protection of investors to disqualify Bankers Trust Company from acting as trustee under the Qualified Indenture or the Qualified Citibank Indenture.

The Applicant has waived (i) notice of hearing, (ii) hearing on the issues raised by its application, and (iii) all rights to specify procedures under Rule 8(b) of the Commission's Rules of Practice in connection with this matter.

For a further statement of the matters of fact and law asserted, all persons are referred to said application, which is a public document on file in the Commission's Public Reference Room, 450 Fifth Street, N.W., Washington, D.C. 20549.

Notice is further given that any interested person may, not later than November 21, 1983, request in writing that a hearing be held on such matter, stating the nature of his interest, the reasons for such request, and the issues of fact or law raised by said application which he desires to controvert, or he may request that he be notified if the Commission should order a hearing thereon. Any such request should be addressed: Secretary, Securities and Exchange Commission, Washington, D.C. 20549. At any time after said date, the Commission may issue an order granting the application, upon such terms and conditions as the Commission may deem necessary or appropriate in the public interest and the interest of investors, unless a hearing is ordered by the Commission.

For the Commission, by the Division of Corporation Finance, pursuant to delegated authority.

George A. Fitzsimmons,

Secretary.

[FR Doc. 83-29542 Filed 10-28-83; 8:45 am]

BILLING CODE 8010-01-M

[Release No. 34-20323; File No SR-OCC-83-22]

Self/Regulatory Organization; Proposed Rule Change by the Options Clearing Corp.

Prusuant to Section 19(b)(1) of the Securities Exchange Act of 1934, 15 U.S.C. 78s(b)(1), notice is hereby given that on October 14, 1983, The Options Clearing Corporation filed with the Securities and Exchange Commission the proposed rule change as described in Items I, II, and III below, which Items have been prepared by the self-regulatory organization. The Commission is publishing this notice to solicit comments on the proposed rule change from interested persons.

I. Self-Regulatory Organization's Statement of the Terms of the Proposed Rule Change

The Options Clearing Corporation ("OCC") proposes to amend its By-laws and Rules to set forth written standards for facilities management arrangements between OCC Clearing Members. Under a typical facilities management arrangement, an OCC Clearing Member (the "Managing Clearing Member") agrees to provide services for another Clearing Member (the "Managed Clearing Member") for a set fee. Managed Clearing Members rely on these arrangements to fulfill OCC's membership requirements regarding operational capacity, experience and competence. In a few situations non-Clearing Member firms also provide services to Clearing Member firms.

The rule change sets forth guidelines for OCC's Membership Committee to consider when reviewing Clearing Member applicants who rely on facilities management arrangements. The rule change, through an amendment to Article V of OCC's By-laws, describes the various provisions which are to be included in a written facilities management agreement between OCC Clearing Members. Specific standards have not been prepared for new facilities management relationships involving non-Clearing Member Managing firms. OCC will continue to review those infrequent arrangements on a case-by case basis. However for facilities management arrangements in which a Clearing Member acts as manager, OCC will not approve the arrangement unless the agreement: (1) Sets forth the specific services to be performed, (2) provides for written notice to OCC prior to termination of the arrangement, (3) requires that the managed firm withdraw from OCC membership upon termination of the facilities management arrangement if the firm is then unable to meet OCC's membership standards, (4) provides that the Managing Clearing Member will be liable to the Managed Clearing Member for damages resulting from any failure of the Managing firm to perform its obligations, and (5) provides that both Managing and Managed clearing Members will be jointly and severally liable to OCC for any damages incurred by OCC resulting from the firms' failures to perform obligations under the agreement. A Clearing Member will be approved by OCC to act as a Managing Clearing Member only so long as it continues to satisfy OCC that it has the requisite operational capability, experience, competence and resources to enable it to serve as a Managing firm under all facilities management agreements to which it is a party and maintains the net capital prescribed by the Rules for Managing Clearing Members. Clearing Members who are currently involved in facilities management arrangements will have 120 days after the effective date of the proposed rule change to comply with the provisions of the rule change.

Proposed Rule 309 outlines the specific financial requirements to be met by Clearing Member firms who act as Managing Clearing Members. Proposed Rule 309 requires a minimum net capital for Managing Clearing Members of an amount not less than the greater of (i) the minimum net capital required by OCC Rule 302 or (ii) the sum of (A) $300,000 plus (B)$50,000 times the number of Managed Clearing Members in excess of four for which the Managing Clearing Member provides facilities management services. Rule 309 also requires a Managing Clearing Member to provide OCC with an early warning notice if net capital falls below the amount prescribed in the Rule. If net capital falls below that minimum amount, Managing Clearing Members will also be subject to the restrictions on distributions and transactions contained in OCC Rules 304 and 305.

II. Self-Regulatory Organization's Statement of the Purpose of, and Statutory Basis for, the Proposed Rule Change

In its filing with the Commission, the self-regulatory organization included statements concerning the purpose of and basis for the proposed rule change and discussed any comments it received on the proposed rule change. The text of these statements may be examined at the places specified in Item IV below. The self-regulatory organization has prepared summaries, set forth in Sections (A), (B), and (C) below, of the most significant aspects of such statements.

(A) Purpose of and Statutory Basis for, the proposed Rule Change

The proposed rule change is intended to set forth specific written standards with regards to facilities management arrangements between OCC Clearing Members. Standards have become necessary due to the increased number of facilities management arrangements, the increased level of dependence on Managing Clearing Members, and the increased number of Clearing firms who have begun offering their services as Managing firms.

By adopting the proposed rule change OCC seeks to ensure that relationships between Managing and Managed Clearing Members will be clearly defined, and that OCC standards with regard to operational capacity, experience, and competence of Clearing Members are met and maintained. Additionally, through this proposed rule change OCC will ensure that the Managing Clearing Members will assume, and be capable of meeting, the potential liabilities of a facilities management relationship.

Specifically, the proposed rule change would accomplish these goals by outlining clear standards to which Clearing Member facilities management agreements must conform, and by requiring that the agreements be approved by OCC before becoming effective. Increased net captial requirements for Clearing Members acting as Managing Firms would ensure that these firms are capable of meeting the additional potential liabilities which might arise as a result of facilities management relationships.

The proposed rule change is consistent with Section 17A of the Securities Exchange Act of 1934, as amended, in that it will facilitate the prompt and accurate clearance and settlement of securities transactions and will serve to protect the public interest, the Clearing Members involved in the facilities management arrangements and OCC.

(B) Burden on Competition

OCC does not believe that the proposed rule change would have any impact on competition.

(C) Comments on the Proposed Rule Change Received From Members, Participants and Others

Comments on the proposed rule change were neither solicited nor received.

III. Date of Effectiveness of the Proposed Rule Change and Timing for Commission Action

Within 35 days of the date of publication of this notice in the Federal Register or within such longer period (i) as the Commission may designate up to 90 days of such date if it finds such longer period to be appropriate and publishes its reasons for so finding or (ii) as to which the self-regulatory organization consents, the Commission will:

(A) By order approve such proposed rule change, or

(B) Institute proceedings to determine whether the proposed rule change should be disapproved.

IV. Solicitation of Comments

Interested persons are invited to submit written data, views and arguments concerning the foregoing. Persons making written submissions should file six copies thereof with the Secretary, Securities and Exchange Commission, 450 Fifth Street, NW., Washington, D.C. 20549. Copies of the submission, all subsequent amendments, all written statements with respect to the proposed rule change that are filed with the Commission, and all written communications relating to the proposed rule change between the Commission and any person, other than those that may be withheld from the public in accordance with the provisions of 5 U.S.C. 552, will be available for inspection and copying in the Commission's Public Reference Section, 450 Fifth Street, NW., Washington, D.C.

Copies of such filing will also be available for inspection and copying at the principal office of the above-mentioned self-regulatory organization. All submissions should refer to the file number in the caption above and should be submitted within 21 days after the date of this publication.

For the Commission by the Division of Market Regulation, pursuant to delegated authority.

Dated: October 24, 1983.

George A. Fitzsimmons,

Secretary.

[FR Doc. 83-28541 Filed 10-28-83; 8:45 am]

BILLING CODE 8010-01-M

[Release No. 34-20328; File No. SR-PHLX 83-17]

Self-Regulatory Organizations; Proposed Rule Change by Philadelphia Stock Exchange, Inc.

Pursuant to Section 19(b)(1) of the Securities Exchange Act of 1934, 15 U.S.C. 78s (b)(1), notice is hereby given that on October 20, 1983, the Philadelphia Stock Exchange, Incorporated filed with the Securities and Exchange Commission the proposed rule change as described in Items I, II and III below, which Items have been prepared by the self-regulatory organization. The Commission is publishing this notice to solicit comments on the proposed rule change from interested persons.

I. Text of Proposed Rule Change

Section 1. Rules Applicable to Trading of Options on Stocks and foreign Currencies

Rules 1000 through 1070—No change.

Section 2. Rules Applicable to Trading of Options on Indicies

Rule 1000A. Applicability and Definitions

(a) *Applicability.* The Rules in this Section are applicable only to index options (options on indicies of securities as defined below). In addition, except to the extent that specific rules in this Section govern, or unless the context otherwise requires, the provisions of the Option Rules applicable to stock options and of the By-Laws and all other Rules and Policies of the Board of Governors shall be applicable to the trading on the Exchange of index options.

(b) *Definitions.* The following terms as used in the Rules in this Section shall, unless the context otherwise indicates, have the meanings herein specified.

(1) The term "put" means an option contract under which the holder of the option has the right, in accordance with the terms and provisions of the option, to sell to the Options Clearing Corporation the closing index value times the index multiplier.

(2) The term "call" means an option contract under which the holder of the option has the right, in accordance with the terms of the option, to purchase from the Options Clearing Corporation the closing index value times the index multiplier.

(3) The term "aggregate exercise price" means the exercise price of the option contract times the index multiplier.

(4) The term "exercise price" means the specified price per unit at which the current index value may be purchased in the case of a call or sold in the case of a put upon the exercise of the option.

(5) The term "underlying security" or "underlying securities" with respect to an index option contract means any of the stocks that are the basis for the calculation of the index.

(6) The term "index multiplier" means the amount specified in the contract by which the closing index value is to be multiplied to arrive at the value required to be delivered to the holder of a call or by the holder of a put upon valid exercise of the contract.

(7) The term "current index value" in respect of a particular index means the level of the index that is derived from the reported prices of the underlying securities that are the basis of the index, as reported by the reporting authority for the index.

(8) The term "closing index value" in respect of a particular index means the current index value calculated at the close of business on the day of exercise, or, if the day of exercise is not a trading day, on the last trading day before exercise.

(9) The term "reporting authority" in respect of a particular index means the institutions or reporting service designated by the Exchange as the official source for calculating and determining the current value or the closing index value of the index.

(10) The term "covered" in respect of a short position in an index call option contract in an account means that the writer holds in the same account a long position in an index call option for the same underlying index with the same index multiplier as the short call and the expiration date of the long call is the same as or subsequent to the expiration date of the short call and the exercise price of the long call is equal to or less than the exercise price of the short call. The term "covered" in respect of a short position in an index put option contract in an account means that the writer holds in the same account a long position in an index put option for the same underlying index with the same index multiplier as the short put and the expiration date of the long put is the same as or subsequent to the expiration date of the short put and the exercise price of the long put is equal to or greater than the exercise price of the short put.

(11) The terms "market index" and "industry index" mean respectively an index designed to be representative of general price movements in the stock market and an index designed to be representative of price movements in particular categories of stocks.

Rule 1001A. Position Limits

(a) In determining compliance with Rule 1001, option contracts on a market index shall be subject to a contract limitation fixed by the Exchange, which shall not be larger than the equivalent of a $300 million position. For this purpose, a position shall be determined by the product of the closing index value times the index multiplier times the number of contracts on the same side of the market.

(b) (i) In determining compliance with Rule 1000, option contracts on an industry index shall, subject to the procedures specified in subparagraph (iii) of this rule, be subject to the following position limits:

—4,000 contracts if the Exchange determines, at the time of a review conducted pursuant to subparagraph (ii) of this paragraph (b), that any single underlying stock accounted, on average, for 30% or more of the index value during the 30-day period immediately preceding the review; or

—6,000 contracts if the Exchange determines, at the time of a review conducted pursuant to subparagraph (ii) of this paragraph (b), that any single underlying stock accounted, on average, for 20% or more of the index value or that any five underlying stocks together accounted, on average, for more than 50% of the index value, but that no single stock in the group accounted, on average, for 30% or more of the index value, during the 30-day period immediately preceding the review; or

—8,000 contracts if the Exchange determines that the conditions specified above which would require the establishment of a lower limit have not occurred.

(ii) The Exchange shall make the determinations required by subparagraph (i) of this paragraph (b) with respect to options on each industry index at the commencement of trading

of such options on the Exchange and thereafter review the determination semi-annually on January 1 and July 1.

(iii) If the Exchange determines, at the time of a semi-annual review, that the position limit in effect with respect to options on a particular industry index is lower than the maximum position limit permitted by the criteria set forth in subparagraph (i) of this paragraph (b), the Exchange may effect an appropriate position limit increase immediately. If the Exchange determines, at the time of a semi-annual review, that the position limit in effect with respect to options on a particular industry index exceeds the maximum position limit permitted by the criteria set forth in subparagraph (i) of this paragraph (b), the Exchange shall reduce the position limit applicable to such options to a level consistent with such criteria; provided, however, that such a reduction shall not become effective until after the expiration date of the most distantly expiring option series relating to such particular industry index, which is open for trading on the date of the review; and provided further that such a reduction shall not become effective if the Exchange determines, at the next succeeding semi-annual review, that the existing position limit applicable to such options is consistent with the criteria set forth in subparagraph (i) of this paragraph (b).

(c) Index option contracts shall not be aggregated with option contracts on any stocks whose prices are the basis for calculation of the index.

Rule 1002A. Exercise Limits

In determinig compliance with Rule 1002, exercise limits for index option contracts shall be equivalent to the position limits described in Rule 1001A.

Rule 1006A. Other Restrictions on Options Transactions and Exercises

With respect to index options, restrictions on exercise may be in effect until the opening of business on the last trading day before the expiration date.

Rule 1009A. Designation of the Index

The underlying securities comprising the index shall be selected by the Exchange and may be revised from time to time, if in the Exchange's discretion such revision is necessary or appropriate to maintain the quality and character of the index. The underlying securities that are the basis for the calculation of the index need not meet the requirements in Rule 1009.

Rule 1033A. Meaning of Premium Bids and Offers

Bids and offers shall be expressed in terms of dollars and fractions of dollars and decimals per unit of the index (*e.g.*, a bid of 85½ and a bid of 85.50 would each represent a bid of $85.50 per unit).

Rule 1042A Exercise of Option Contracts

(a) With respect to index option contracts, clearing members are required to follow the procedures of the Options Clearing Corporation for tendering exercise notices, and member organizations also are required to comply with the following procedures:

(i) A memorandum to exercise any stock index option contract issued or to be issued in a customer or market maker account to The Options Clearing Corporation must be received or prepared by the member organization no later than 4:10 p.m. and must be time-stamped at the time it is received or prepared. Member organizations must accept exercise instructions until 4:10 p.m. each business day.

(ii) A memorandum to exercise any stock index option contract issued or to be issued in a firm account at The Options Clearing Corporation must be prepared by the member organization no later than 4:10 p.m. and must be time-stamped at the time it is prepared.

(b) The provisions of subparagraphs (i) and (ii) of paragraph (a) of this Rule 1042A are not applicable with respect to any series of stock index options on the last day of trading prior to the expiration date of such series of options.

* * * Commentary.

.01 All memoranda of exercise instuctions prepared pursuant to this Rule 980C are subject to Securities and Exchange Commission Rules 17a–3(a)(6) and 17a–4(b).

Rule 1044A. Delivery and Payment

In accordance with the applicable Rules of the Options Clearing Corporation, the settlement of index option contracts will be by the delivery of the difference between the closing index value on the day of exercise and the exercise price times the index multiplier.

Rule 1047A. Trading Rotations, Halts or Suspensions

(a) Trading on the Exchange in any option shall be halted or suspended when ever trading in undelying stocks, whose weighted value represents, in the case of a market index, more than 20% of the current index value, or in the case of an industry index, more than 10% of the current index value, is halted or suspended. Trading shall also be halted whenever the Exchange deems such action appropriate in the interests of a fair and orderly market and to protect investors. Among the factors that may be considered are the following:

(i) All trading has been halted or suspended in the maket that is the primary market for a plurality of the underlying stocks;

(ii) The current calculation of the index derived from the current market prices of the stocks is not available; or

(iii) Other unusual conditions or circumstances detrimental to the maintenance of a fair and orderly market are present.

(b) The opening rotation for index options shall be held as soon as practicable after underlying securities representing 50% of the aggregate market value of all the securities underlying the index have opened for trading. The Specialist shall open first those series of a class which have the nearest expiration. Thereafter, the Specialist shall open the remaining series in a manner he deems appropriate under the circumstances. One and one-half hours after the opening rotation, trading shall become subject to paragraph (a) of this rule, unless the Exchange determines it is in the public interest to suspend trading at an earlier time.

(c) No closing rotation for expiring index options shall be required.

Rule 1100A. Dissemination of Information

(a) The Exchange shall disseminate or shall assure that the closing index value is disseminated after the close of business and the current index value is disseminated from time-to-time on days on which transactions in index options are made on the Exchange.

(b) The Exchange shall maintain, in files available to the public, information identifying the stocks whose prices are the basis for calculation of the index and the method used to determine the current index value.

Rule 1101A. Terms of Option Contracts

The Exchange shall determine fixed point intervals of exercise prices for index options. Industry index option contracts may expire at three month intervals; provided, however, that no series expiring in more than eighteen months may be listed. Market index options may expire in consecutive months; provided, however, that series expiring in no more than four months may be listed.

Rule 1102A. Limitation of Exchange Liability

The Exchange shall have no liability for damages, claims, losses or expenses caused by any errors, omissions, or

delays in calculating or disseminating the current index value or the closing index value resulting from an act, condition or cause beyond the reasonable control of the Exchange, including, but not limited to, an act of God; fire; flood; extraordinary weather conditions; war; insurrection; riot; strike; accident; action of government; communications or power failure; equipment or software malfunction; any error, omission or delay in the reports of transactions in one or more underlying securities; or any error, omission or delay in the reports of the current index value or the closing index value by the Exchange or the reporting authority.

Rule 1103A. Margins

(a) This rule sets forth the minimum amount of margin which must be deposited and maintained in margin accounts of customers having positions in index option contracts dealt in on the Exchange. The Exchange may at any time impose higher margin requirements in respect of such positions when it deems such higher margin requirements to be advisable. The initial deposit of margin required under this rule must be made within seven full business days after the date on which a transaction giving rise to a margin requirement is effected. For purpose of this Rule, the term "current market value" of an index option shall mean the total cost or net proceeds of the option transaction on the day the option was purchased or sold and at any other time shall mean the closing price of that series of options on the Exchange on any day with respect to which a determination of current market value is made.

(b)(i) *Option Contracts of a Market Index.* For each put or call option contract on a market index carried in a short position in the account, margin must be deposited and maintained equal to at least 100% of the current market value of the contract plus 10% of the closing index value times the index multiplier. In each case, the amount shall be decreased by any excess of the aggregate exercise price of the option over the closing index value as multiplied by the index multiplier in the case of a call, or any excess of the closing index value as multiplied by the index multiplier over the aggregate exercise price of the option in the case of a put; provided, however, that the minimum margin required on each such option contract shall not be less than the option current market value of the contract plus 2% of the closing index value times the index multiplier.

(ii) *Option Contracts on an Industry Index.* For each put or call option contract on an industry index carried in a short position in the account, margin must be deposited and maintained equal to at least 30% of the product of the closing index value times the index multiplier, increased by any unrealized loss or reduced by any excess of the aggregate exercise price of the option over the product of the closing index value times the index multiplier in the case of a call, or any excess of the product of the closing index value and times the index multiplier over the aggregate exercise price of the option in the case of a put; provided, however, that the margin shall not be less than $250 per option contract.

(c) The requirements set forth in paragraph (b) hereof are subject to the following exceptions, which in each case may be applied at the discretion of the Member Organization with which the account is maintained.

(1) *Short option offset by long option where long option expires with or after short option.* This subparagraph (c)(1) applies to accounts carrying positions in long call index options (or long put index options) which are offset by positions in short call index options (or short put index options) for the same underlying index with the same index multiplier, provided that the expiration date of the long calls (or long puts) is the same as or subsequent to the expiration date of the offsetting short calls (or short puts).

(A) When the exercise price of the long call index option (or short put index option) is less than or equal to the exercise price of the offsetting short call index option (or long put index option), no margin is required.

(B) When the exercise price of the long call index option (or short put index option) is greater than the exercise price of the offsetting short call index option (or long put index option) margin is required equal to the difference in aggregate exercise prices.

(2) *Short put and short call.* This subparagraph (c)(2) applies to accounts carrying positions in short put index options which are offset by positions in short call index options for the same underlying index with the same index multiplier. The margin required for such a position shall be the margin required for the short put option contract or the margin required for the short call option contract (pursuant to paragraph (b) of this Rule), whichever is greater, as determined by (b) above, increased by the amount of any unrealized loss on the other option contract.

II. Self-Regulatory Organization's Statement of the Purpose of, and Statutory Basis for, the Proposed Rule Change

In its filing with the Commission, the self-regulatory organization included statements concerning the purpose of and basis for the proposed rule change and discussed any comments it received on the proposed rule change. The text of these statements may be examined at the places specified in Item IV below and is set forth in sections (A), (B), and (C) below.

(A) Self-Regulatory Organization's Statement of the Purpose of, and the Statutory Basis for the Proposed Rule Change

The proposed filing accommodates trading of options on broad and narrow based ("market" and "industry") stock indicies and designates the two industry indicies on which the PHLX will initially begin trading.

The option contracts covered by this filing are similar to those approved for trading by the Securities and Exchange Commission ("Commission") on other national securities exchanges. They will be issued by the Options Clearing Corporation ("OCC") which will guarantee the performance of each contract. They will be settled upon exercise by the payment of cash. The uniform disclosure document prepared by OCC and certain exchanges currently trading index options, "Listed Options on Stock Indicies" ("Disclosure Document"), will be amended to include the PHLX's market in this product.

The option contracts traded pursuant to these rules are intended to provide investors with a way to hedge against general price movements in the case of broad-based stock indices, and against price movements in particular categories of stocks and strike, in the case of narrow based stock indices. As stated in the disclosure document:

> Investors with broadly diversified stock portfolios may use options on broad-based indices to hedge their overall portfolio risk, because the risk of a widely diversified portfolio is largely confined to market risk. Investors holding a single stock or a small number of stocks can use options on broad-based indices to hedge the market risk component of their risk exposure in situations where (1) they wish to assume the risk of a particular stock's performance relative to the market, or (2) options are not available on the particular stock or stocks they hold. Short sellers can use options on broad-based indices to hedge against the risk of a general market rise.[1]

* * * * *

[1] Disclosure Document at p. 7. See also general discussion on broad-based stock indices at pp. 7–11.

[Options on narrow-based indices] are designed to reflect the performance of particular categories of stocks. [A narrow-based index] may cover an entire market sector (*e.g.*, industrials) or be limited to stocks in a particular industry. [They] may be used to hedge against the risk of adverse price movements in particular market sectors or industry groups in the same way that options on broad-based indices are used to hedge against price movements in the market as a whole.[3]

At this time PHLX is requesting permission to list put and call options on the Gold/Silver and Gaming/Hotel indicies.

Underlying Indices—The Gold/Silver index is a capitalization weighted industry index composed of the following stocks, all of which are listed on the NYSE: ASA Ltd. ("ASA"), Callahan Mining ("CMN"), Cambell Red Lake Mines ("CRK"), Dome Mine Ltd. ("DM"), Heckla Mining ("HL"), Homestake Mining ("HM"), and Sunshine Mining Co. ("SSC").

The Gaming/Hotel index is a capitalization weighted industry index composed of the following nine stocks, seven of which are listed on the NYSE and two of which are listed on the AMEX: Bally Mfg. Corp. ("BLY"), Caesars World, Inc. ("CAW"), Golden Nugget, Inc. ("GNG"), Hilton Hotel Corp. ("HLT"), Holiday Inns, Inc. ("HIA"), MGM Grand Hotels ("GRN"), Ramada Inns, Inc. ("RAM"), Resorts International, Inc. ("RAT"), and Showboat, Inc. ("SBO").

Unit of Trading.—Each contract will represent $100, the index multiplier, times the current market prices of the stocks comprising the index. For example, an index value of 105 will result in a dollar value of $10,500 ($100 x 105).

Exercise Prices—Exercise prices will be set at five point intervals in terms of the current value of the indices.

Aggregate Exercise Price—The multipler ($100) times the exercise price.

Expiration—Gaming/Hotel index options will be introduced in months of January, April, July and October and for up to six three-month expiration periods. Gold/Silver index options will be introduced in months of February, May, August, and November and for up to six three-month expiration periods.

Premium Quotations—Option premiums will be expressed in terms of dollars and fractions per unit of index. Each point will represent $100. The minimum fraction will be 1/16. For example, a premium of 1 1/4 will represent $125.

Position Limits—The Gold/Silver and Gaming/Hotel index option contracts will be subject to a position limit computed in accordance with rule 1001A(b)(i).

In general, those who do a public business in index options will be subject to Rules 1003, 1024, 1025, 1026, 1027, 1028, 1029, and 1049. These rules set forth, in the context of equity options, such matters as the requirements for representatives and member organizations, supervision and opening of accounts and confirmations, statements, communications to customers and reporting of positions. This is the proper regulatory framework for index options because they are essentially a new variety of equity option. The mechanics of index options trading will be the same as that of equity options trading and the vocabulary will also be the same. The purposes of trading and basic trading strategies will be similar to those used with equity options. There are two significant differences between equity options and index options. The first major difference is that at this time there is not a specific underlying instrument which could be used to obtain an exact cover position. The second major difference involves the terms of index options, which will be similar to those used with equity options except that settlement upon exercise will occur through delivery of cash rather than stock. Both of these differences are easy to understand and are addressed in the Dsclosure Document that will be amended to include the PHLX's market in index options.

Rule 1000A. Definitions

This rule sets forth the definitions which are essential to the establishment, pricing, trading, and settlement of index options. The terms "put," "call," "aggregate exercise price," "exercise price," and "index multiplier" provide the basis for calculating the dollar amounts a purchaser or seller of an index option will deliver or receive on exercise. the "current index value" will be computed and disseminated on a current basis by the "reporting authority." The last "current index value" disseminated by the reporting authority on a given day shall be considered the "closing index value" for the day.

Rule 1001A. Position Limits

Position limits for options on a market (broad-based) index shall be a contract limitation which shall not be larger than the equivalent of a $300 million position. Position limits on options on an industry (narrow-based) index will be either 4,000, 6,000 or 8,000 contracts depending on the percentage of concentration of a particular stock(s) in the index.

Rule 1002A. Exercise Limits

The Exchange has determined to establish such limits at a level consistent with position limits.

Rule 1006A. Other Restrictions on Options Transactions and Exercises

Since the exercise of an option settled in cash is the economic equivalent of trading out of a long position, investors with long positions enjoy an advantage over investors with short positions in some situations. The proposed rule change, in order to give the Exchange the ability to "level the playing field," authorizes the Exchange to impose restrictions on the exercise of index options until the last trading day of an expiring option.

Rule 1044A. Delivery and Payment

This rule provides that the settlement of an index option contract upon exercise will be by the delivery of the dollar amount of the difference between the closing index value on the day of exercise and the exercise price multiplied by the index multiplier.

Rule 1009A. Designation of the Index

To compute the Gold/Silver and Gaming/Hotel indicies the following formula is used:

$$\frac{MV(1) + MV(2) + MV(3) + \ldots MV(N)}{BMV} \times 100 = \text{Index value}$$

where

MV = (Price × Shares Outstanding) for the instant computation, summed for all securities.

BMV = Summation (Closing price × shares outstanding) for the day prior to the start of the index calculation.

The current market value of each component security is multiplied by the number of outstanding shares. The resulting market values are added to determine the current aggregate market value of the stocks in each index. To compute the current index value, the aggregate market is divided by the base market value and multiplied by 100. The Gold/Silver and Gaming/Hotel indices

[3] *Id.* at pp. 11 and 12. See also general discussion on narrow-based indices on these same pages.

were set to equal 100 on January 1979, the start-up date of both indices. On October 14, 1983, the Gold/Silver Index was split on a three for one basis and the Gaming/Hotel Index was split on a two for one basis in order to produce an index unit (*i.e.*, share equivalent) of approximately $10,000.

To account for changes in capitalization of any of the component securities resulting from mergers, acquisitions, delisting, substitutions, etc., the base market value will be adjusted periodically. The following formula is used to make such adjustments:

$$NBMV = \frac{OBMV \times NMV}{OMV}$$

where
NBMV = new Base Market Value
OBMV = old Base Market Value
NMV = new Market Value
OMV = old Market Value

Adjustments in the value of the index which are necessitated by the addition of a stock to or deletion of a stock from the index are made by adding or subtracting the market value (price times shares outstanding) of the relevant stock.

Rule 1033A. Meaning of Premium Bids and Offers

Bids and offers for index options will be expressed in the same terms as bids and offers for listed stock options, except that the bids and offers will represent a unit of the index.

Rule 1042A. Exercise of Option Contracts

This rule provides procedures for the exercise of index options. Specifically, member organizations must accept from all customers and market makers exercise instructions, for stock index options up until, but no later than 4:10 p.m. The notice of exercise must be time-stamped at the time its is received or prepared. Second, a memorandum to exercise a stock index option contract issued or to be issued in a firm account must be prepared no latter than 4:10 p.m. However, the base provisions would not be applicable to expiring series on the last day prior to expiration.

This rule will enable persons holding long positions to tender exercise notices on a given day knowing the value of the index at the close of trading. Conversely in order to protect holders of short positions in index options from unanticipated events occuring after the close of the market, no exercise notice may be issued after 4:10 p.m.

Rule 1047A. Trading Rotations, Halts and Suspensions

Trading in the particular index option contracts proposed in this filing shall be halted whenever trading in underlying stocks whose weighted value represents 20% in the case of a market index, and 10% in the case of an industry index, of the current index value is halted or suspended. Trading in such options shall also be halted whenever it is necessary for the maintenance of a fair and orderly market and to protect investors. The PHLX may permit trading to resume when it determines that such resumption would best serve the interests of a fair and orderly market.

Trading rotations will be conducted in the same manner as trading rotations in listed stock options. The opening rotation shall be held as soon as practicable after underlying securities representing 50% of the aggregate market value of all the securities underlying the index have opened for trading. If 20% of the underlying securities remain unopened after one and one-half hours after a particular index option contract's opening rotation, trading in such options shall be halted unless it is in the public interest to halt trading at an earlier time.

Because the settlement amount of an index option upon exercise is based on the closing value on the day the notice is tendered, the PHLX proposes to freely trade expiring index options without a closing rotation. This will permit investors holding expiring options to follow the last hour of trading in the component securities of the index and make a more informed decision whether to close out or exercise a position. Based on the experience of the American Stock Exchange,[3] a closing rotation on expiration does not appear necessary to handle order flow which, in contrast to the case of equity options, appears to decrease at expiration.

Rule 1100A. Dissemination of Information

The index will be updated dynamically after each transaction in any security in the index. Updated index values will be disseminated manually every half hour and displayed through the Option Price Reporting Authority ("OPRA"). The index values will also be available on broker dealer interrogation devices to Consolidated Tape Association Subscribers once every minute. In addition, the closing index value will be published in "The Wall Street Journal".

[3] See, SR-AMEX 83-16 which was approved by the Commission in Release No. 20169 (September 9 1983).

Rule 1101A. Terms of Options Contracts

At this time PHLX proposes to establish exercise price intervals of five points for the Gold/Silver and Gaming/Hotel index option contracts. The Exchange may from time-to-time vary the price intervals. One factor that may be considered is the volatility of the index.

Rule 1102A. Limitation of Exchange Liability

This rule will clarify that the Exchange shall not be liable for damages resulting from an error, omission or delay in calculating or disseminating the current or closing index value if the act is beyond its control.

Rule 1103A. Margins

This rule sets forth the minimum amount of margin which a customer holding a position in index options must deposit and maintain in his margin account. For each short position in put or call index option contracts, a customer must deposit and maintain margin equal to at least one hundred percent of current market value of the index option contract plus ten percent of the index value multiplied by the index multiplier. The amount of margin required may be decreased by certain exceptions set forth in the Rule.

The basis under the Securities Exchange Act of 1934 ("Act") for the proposed rule change is Section 6(b)(5) in that the proposed rule change is designed to facilitate transactions in options on a stock index and to bring such transactions within the regulatory framework of the Act and of PHLX's own rules.

(B) Self-Regulatory Organization's Statement on Burden on Competition

The Exchange does not believe the proposed rule change will impose any burden on competition.

(C) Self-Regulatory Organization's Statement on Comments on the Proposed Rule Change Received From Members, Participants or Others

Comments on the proposed rule change were neither solicited nor received.

III. Date of Effectiveness of the Proposed Rule Change and Timing for Commission Action

Within 35 days of the date of publication of this notice in the **Federal Register** or within such longer period (i) as the Commission may designate up to 90 days of such date if it finds such longer period to be appropriate and

publishes its reasons for so finding or (ii) as to which the self-regulatory organization consents, the Commission will:

(A) By order approve such proposed rule change, or

(B) Institute proceedings to determine whether the proposed rule change should be disapproved.

IV. Solicitation of Comments.

Interested persons are invited to submit written data, views and arguments concerning the foregoing. Persons making written submissions should file six copies thereof with the Secretary, Securities and Exchange Commission, 450 5th Street, NW., Washington, D.C. 20549. Copies of the submission, all subsequent amendments, all written statements with respect to the proposed rule change that are filed with the Commission, and all written communications relating to the proposed rule change between the Commission and any person, other than those that may be withheld from the public in accordance with the provisions of 5 U.S.C. 552, will be available for inspection and copying in the Commission's Public Reference Section, 450 5th Street, NW., Washington, D.C. Copies of such filing will also be available for inspection and copying at the principal office of the above-mentioned self-regulatory organization. All submissions should refer to the file number in the caption above and should be submitted within 21 days after the date of this publication.

For the Commission by the Division of Market Regulation, pursuant to delegated authority.

Dated: October 25, 1983.

George A. Fitzsimmons,

Secretary.

[FR Doc. 83-29539 Filed 10-28-83; 8:45 am]

BILLING CODE 8010-01-M

SMALL BUSINESS ADMINISTRATION

[License No. 06/06-0170]

Filing of Application for Transfer of Control of a Licensed Small Business Investment Company; Red River Ventures, Inc.

Notice is hereby given that an application has been filed with the Small Business Administration pursuant to Section 107.601 of the Regulations governing small business investment companies (13 CFR 107.601 (1983)), to transfer control of Red River Ventures, Incorporated, 2050 Houston Natural Gas Building, Houston, Texas 77002, a Federal Licensee under the Small Business Investment Act of 1958, as amended (Act), (15 U.S.C 661, *et seq.*). The proposed transfer of ownership and control of Red River Ventures, Incorporated (Licensee), which was licensed on February 21, 1974, is subject to prior written approval of SBA.

Control of the Licensee is being transferred to Red River Investors, Inc. (RRI) in that RRI is purchasing all of the capital stock of Red River Capital Corporation (RRCC) the Licensee's parent. Mr. Delwin W. Morton owns 50 percent of RRI Inc. and Mr. David C. Brown, Jr., owns 50 percent of RRI.

The current officers, directors, and stockholders of RRCC:

John D. Curtin, Jr., Chairman of the Board—30 percent

Thomas H. Schnitzius, President, Treasurer Director—30 percent

Stewart Cureton, Jr., Vice President—15 percent

Issac Arnold, Jr., Director—25 percent

These individuals hold the same offices in the Licensee.

The proposed offices, directors, and stockholder of the Licensee:

Delwin W. Morton, 2425 N. Central Expressway, Richardson, Texas 77002—President, Chief, Executive Officer, Director

David C. Brown, Jr., 2367 Mandeville Canyon Road, Los Angeles, California 90049—Vice President, Secretary, Treasurer, and Director

Thomas H. Schnitzius, 2050 Houston Natural Gas Building, Houston, Texas 77002—Director

Red River Capital Corporation—100 percent

If the proposed transfer is approved the transferee will move the Licensee to 2425 N. Central Expressway, Suite 323, Richardson, Texas 75080. The transferee intends to invest in companies primarily in Texas, Louisiana, Arkansas, Oklahoma and Colorado.

Matters involved in SBA's consideration of the application include the general business reputation and character of the proposed owners and management, and the probability of successful operation of the company under their managment, including adequate profitability and financial soundness, in accordance with the Small Business Investment Act of 1958, as amended, and SBA Rules and Regulations.

Notice is hereby given that any person may, not later than fifteen (15) days from the date of publication of this Notice, submit written comments to the Deputy Associate Administrator for Investment, Small Business Administration, 1441 "L" Street, NW., Washington, D.C. 20416

A similar Notice shall be published in newspapers of general circulation in Richardson, Texas and Houston, Texas.

(Catalog of Federal Domestic Assistance Program No. 59.011, Small Business Investment Companies)

Robert G. Lineberry,

Deputy Associate Administrator for Investment.

Dated: October 24, 1983.

[FR Doc. 83-29395 Filed 10-28-83; 8:45 am]

BILLING CODE 8025-01-M

SYNTHETIC FUELS CORPORATION

Competitive Eastern Province and Eastern Region of the Interior Province Bituminous Coal Solicitation

AGENCY: Synthetic Fuels Corporation.

ACTION: Amendment of competitive solicitation for Eastern Province and Eastern Region of the Interior Province Bituminous Coal Gasification Projects.

SUMMARY: Notice is hereby given that on October 21, 1983 the United States Synthetic Fuels Corporation issued amendments to the Competitive Solicitation for Eastern Province and Eastern Region of the Interior Province Bituminous Coal Gasification Projects issued June 30, 1983.

EFFECTIVE DATE: October 21, 1983.

FOR FURTHER INFORMATION CONTACT: Ralph L. Bayner, Vice President—Projects, United States Synthetic Fuels Corporation, 2121 K Street, NW., Washington, D.C. 20586; (202) 822-6436.

For Copies of the Amendments to the Solicitation Contact: Catherine McMillan, Director of Public Disclosure, United States Synthetic Fuels Corporation, 2121 K Street, NW., Washington, D.C. 20586; (202) 822-6460.

Synthetic Fuels Corporation.

Leonard C. Axelrod,

Acting Executive Vice President.

[FR Doc. 83-29508 Filed 10-28-83; 8:45 am]

BILLING CODE 6000-00-M

DEPARTMENT OF THE TREASURY

Public Information Collection Requirements Submitted to OMB for Review

On October 24, 1983 the Department of Treasury submitted the following public information collection requirement(s) to OMB (listed by submitting bureaus), for review and clearance under the Paperwork Reduction Act of 1980, Pub. L. 96-511. Copies of these submissions may be obtained from the Treasury Department

Clearance Officer, by calling (202) 634-2179. Comments regarding these information collections should be addressed to the OMB reviewer listed at the end of each bureau's listing and to the Treasury Department Clearance Officer, Room 309, 1625 "I" Street NW., Washington, D.C. 20220.

Internal Revenue Service

OMB Number: 1545-0130
Form Number: 1120S
Type of Review: Revision
Title: U.S. Income Tax Return for an S Corporation, Capital Gains and Losses, and Shareholder's Share of Income, Credits, Deductions, etc.—1983

OMB Number: 1545-0747
Form Number: 5498
Type of Review: Revision
Title: Individual Retirement Arrangement Information.

OMB Number: 1545-0098
Form Number: 1045
Type of Review: Revision
Title: Application for Tentative Refund

Bureau of Alcohol, Tobacco and Firearms

OMB Number: 1512-0134
Form Number: ATF 5110.29
Type of Review: Existing Regulation
Title: Tank Record of Spirits in Storage

OMB Number: 1512-0222
Form Number: ATF 5640.2
Type of Review: Extension
Title: Offer in Compromise of Liability Incurred Under the FAA Act as Amended

OMB Number: 1512-0197
Form Number: ATF 5110.27
Type of Review: Revision
Title: Transfer of Spirits, Denatured Spirits, or Wines in Bond

OMB Number: 1512-0194
Form Number: ATF 5110.17
Type of Review: Existing Regulation
Title: Taxpaid Spirits Returned to Bonded Premises

OMB Number: 1512-0196
Form Number: ATF 5110.26
Type of Review: Existing Regulation
Title: Gauge Report or Record

OMB Number: 1512-0073
Form Number: ATF F 1479-A
Type of Review: Existing Regulation
Title: Formula for Article Made With Specially Denatured Alcohol or Rum

OMB Number: 1512-0177
Form Number: ATF F 4440 (5100.29)
Type of Review: Existing Regulation
Title: Catering Locations

OMB Number: 1512-0037
Form Number: ATF F 5020.21
Type of Review: Extension
Title: Form Letter—Request for Arrest Record Check

OMB Reviewer: Norman Frumkin, (202) 395-6880, Office of Management and Budget, Room 3208, New Executive Office Building, Washington, D.C. 20503

Rita A. DeNagy,
Departmental Reports Management Office
October 24, 1983.

[FR Doc. 83-29482 Filed 10-28-83; 8:45 am]
BILLING CODE 4810-25-M

Sunshine Act Meetings

Federal Register
Vol. 48, No. 211
Monday, October 31, 1983

This section of the FEDERAL REGISTER contains notices of meetings published under the "Government in the Sunshine Act" (Pub. L. 94-409) 5 U.S.C. 552b(e)(3).

CONTENTS

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CIVIL AERONAUTICS BOARD

[M-393, October 25, 1983]

TIME AND DATE: 10 a.m., November 1, 1983.

PLACE: Room 1027 (open), room 1012 (closed), 1825 Connecticut avenue NW., Washington, D.C. 20428.

SUBJECT:

1. Ratification of Items Adopted by Notation.
2. Delegation of authority to the Associate Director, Economic Affairs, to extend subsidy rates. (Memo 2069, OGC, BDA)
3. Docket 41660, Implementation of the Federal claims Collection Act and Debt Collection Act. (OGC, OMD, OC, BDA, BCAA, OCCCA)
4. Docket 38818, Essential air service for Montpelier/Barre, Vermont. (Memo 304-C, BDA, OCCCA, OC)
5. Docket 39480, Setting a second year subsidy rate for Mesaba Aviation, Inc. at Brookings, Huron, and Mitchell, South Dakota. (Memo 1348-A, BDA, OCCCA, OC)
6. Docket 41585, Application of Mid Pacific Airlines, Inc. to amend its certificate of public convenience and necessity to authorize it to engage in intra-Hawaii all-cargo air service. (Memo 2053, BDA, OGC)
7. Docket 41397, *Alaskan Interstate Charter Entry Proceeding.* (Memo 1583-B, BDA, OGC)
8. Docket 38623, Agreement CAB 29089, IATA agreement which, *inter alia*, revalidates Colombia-US excursion fares with increases. (Memo 2068, BIA)
9. Docket 40960, Agreements CAB 29087, 29088, Intercarrier fare agreements covering U.S.-France/Italy/Portugal/Spain/Switzerland markets. (Memo 1511-M, BIA)
10. Docket 35803 and 38823, Applications of Aeroleon, S.A., for permit and exemption authority to conduct all-cargo operations between the United States and Mexico. (Memo 2066, BIA, OGC)
11. Docket 41556, Application of Thai Airways International Limited for an exemption from section 402 of the Federal Aviation Act of 1958, as amended and Part 222 of the Board's Economic Regulations (intermodal cargo service). (Memo 2065, BIA, OGC, BALJ)
12. Docket 41217, Direct flights—Petition for rulemaking. (OGC, BDA, OCCCA, BIA, OEA)
13. Report on Germany. (BIA)
14. Report on United Kingdom. (BIA)
15. Report on Jamaica. (BIA)
16. Report on Netherlands Antilles. (BIA)
17. Report on Canada. (BIA)
18. Undocketed—Application of Air Canada for a statement of authorization to conduct a series of Fifth Freedom cargo charters between the United States and Scotland. (BIA, OGC)
19. Discussion on Upcoming Negotiations with Spain. (BIA)
20. Report on ECAC. (BIA)

STATUS: 1-11 (open), 12-20 (closed).

PERSON TO CONTACT: Phyllis T. Kaylor, the Secretary, (202) 673-5068.

[S-1529-83 Filed 10-27-83; 3:16 P.m.]

BILLING CODE 6320-01-M

2

FEDERAL ENERGY REGULATORY COMMISSION

"FEDERAL REGISTER" CITATION OF PREVIOUS ANNOUNCEMENT: 48 FR 49120, October 24, 1983.

PREVIOUSLY ANNOUNCED TIME AND DATE OF MEETING: 10 a.m. (changed to 9:30 a.m.), October 26, 1983.

CHANGE IN THE MEETING: The meeting will continue at 9:30 a.m., October 27, 1983.

[S-1523-83 Filed 10-26-83; 4:28 pm]

BILLING CODE 6717-02-M

3

FEDERAL DEPOSIT INSURANCE CORPORATION

Agency Meeting

Pursuant to the provisions of the "Government in the Sunshine Act" (5 U.S.C. 552b), notice is hereby given that at 9:30 a.m. on Monday, October 31, 1983, the Federal Deposit Insurance Corporation's Board of Directors will meet in closed session, by vote of the Board of Directors, pursuant to sections 552b (c)(2), (c)(6), (c)(8), and (c)(9)(A)(ii) of Title 5, United States Code, to consider the following matters:

Summary Agenda: No substantive discussion of the following items is anticipated. These matters will be resolved with a single vote unless a member of the Board of Directors requests that an item be moved to the discussion agenda.

Recomendations with respect to the initiation, termination, or conduct of administrative enforcement proceedings (cease-and-desist proceedings, termination-of-insurance proceedings, suspension or removal proceedings, or assessment of civil money penalties) against certain insured banks or officers, directors, employees, agents or other persons participating in the conduct of the affairs thereof:

Names of persons and names and locations of banks authorized to be exempt from disclosure pursuant to the provisions of subsections (c)(6), (c)(8), and (c)(9)(A)(ii) of the "Government in the Sunshine Act" (5 U.S.C. 552b(c)(6), (c)(8), and (c)(9)(A)(ii)).

Note.—Some matters falling within this category may be placed on the discussion agenda without further public notice if it becomes likely that substantive discussion of those matters will occur at the meeting.

Discussion Agenda:

Request for an exemption pursuant to section 348.4(b)(2) of the Corporation's rules and regulations:

Cape County Bank, Jackson, Missouri

Personnel actions regarding appointments, promotions, administrative pay increases, reassignments, retirements, separations, removals, etc.:

Names of employees authorized to be exempt from disclosure pursuant to provisions of subsections (c)(2) and (c)(6) of the "Government in the Sunshine Act" (5 U.S.C. 552b (c)(2) and (c)(6)).

The meeting will be held in the Board Room on the sixth floor of the FDIC Building located at 50 17th Street NW., Washington, D.C.

Requests for further information concerning the meeting may be directed to Mr. Hoyle L. Robinson, Executive Secretary of the Corporation, at (202) 389-4425.

Dated: October 24, 1983.

Federal Deposit Insurance Corporation.

Hoyle L. Robinson,

Executive Secretary.

[S-1526-83 Filed 10-27-83; 11:30 am]

BILLING CODE 6714-01-M

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FEDERAL DEPOSIT INSURANCE CORPORATION

Agency Meeting

Pursuant to the provisions of the "Government in the Sushine Act" (5 U.S.C. 552b), notice is hereby given that the Federal Deposit Insurance Corporation's Board of Directors will meet in open session at 9 a.m. on Monday, October 31, 1983, to consider the following matters:

Summary Agenda: No substantive discussion of the following items is anticipated. These matters will be resolved with a single vote unless a member of the Board of Directors requests that an item be moved to the discussion agenda.

Disposition of minutes of previous meetings.

Application for Federal deposit insurance:

Englewood Bank of Charlotte County, a proposed new bank to be locted at 1970 South McCall Road, Englewood, Florida.

Application for consent to merge and establish six branches:

United Carolina Bank, Whiteville, North Carolina, an insured State nonmember bank, for consent to merge, under its charter and title, with Richmond County Bank, Rockingham, North Carolina, and for consent to establish the six offices of Richmond County Bank as branches of the resultant bank.

Application for consent to establish a branch:

Farmers and Merchants Bank, Buckeye, Arizona, for consent to establish a branch at the southwest corner of the intersection of Bell Road and 99th Avenue, Sun City, Arizona.

Recommendation regarding the liquidation of a bank's assets acquired by the Corporation in its capacity as receiver, liquidator, or liquidating agent of those assets:

Case No. 45,782-L: Reserve for Losses—151 Open Liquidation Cases

Memorandum and Resolution re: Proposed amendments to Part 336 of the Corporation's rules and regulations, entitled "Employee Responsibilities and Conduct," which would: (1) Increase the categories of employees required to report indebtedness and employees subject to credit restrictions; (2) ease existing restrictions on credit from affiliates of prohibited creditors and on ownership of bank securities; (3) permit assumptions of home mortgage loans from prohibited creditors; (4) require the reporting of family member employment by insured banks; and 5) make certain technical changes.

Memorandum re: Unclassified format for the Corporation's financial statements.

Memorandum re: Classification of expenses charged to individual liquidations.

Reports of committees and officers:

Minutes of actions approved by the standing committees of the Corporation pursuant to authority delegated by the Board of Directors

Reports of the Division of Bank Supervision with respect to applications, requests, or actions involving administrative enforcement proceedings approved by the Director or an Associate Director of the Division of Bank Supervision and the various Regional Directors pursuant to authority delegated by the Board of Directors.

Discussion Agenda:

Memorandum and Resolution re: Proposed amendments to Part 346 of the Corporation's rules and regulations, entitled "Foreign Banks," with respect to asset maintenance by insured branches of foreign banks, which would require: (1) The maintenance on a daily basis of assets equal to 105% of liabilities; (2) the exclusion as eligible assets of direct or indirect claims from less than wholly-owned (in addition to wholly-owned as in the existing regulation) subsidiaries, organizations that control the parent bank, and the majority-owned or -controlled subsidiaries of such organizations; and (3) specific additional asset maintenance as deemed necessary.

The meeting will be held in the Board Room on the sixth floor of the FDIC Building located at 550 17th Street, N.W., Washington, D.C.

Requests for further information concerning the meeting may be directed to Mr. Hoyle L. Robinson, Executive Secretary of the Corporation, at (202) 389-4425.

Dated: October 24, 1983.

Federal Deposit Insurance Corporation.

Hoyle L. Robinson,

Executive Secretary.

[S-1527-83 Filed 10-27-83; 11:30 am]

BILLING CODE 6714-01-M

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FEDERAL DEPOSIT INSURANCE CORPORATION

Changes in Subject Matter of Agency Meeting

Pursuant to the provisions of subsection (e)(2) of the "Government in the Sunshine Act" (5 U.S.C. 552b(e)(2)), notice is hereby given that at its closed meeting held at 10:30 a.m. on Monday, October 24, 1983, the Corporation's Board of Directors determined, on motion of Chairman William M. Isaac, seconded by Director Irvine H. Sprague (Appointive), that Corporation business required the withdrawal from the agenda for consideration at the meeting on less than seven days' notice to the public, of the following matter:

Application of Farmers and Merchants Bank and Trust of Watertown, Watertown, South Dakota, for consent to purchase the assets of and assume the liability to pay deposits made in the Rosholt Branch of United National Bank, Sioux Falls, South Dakota, and to establish that office as a branch of Farmers and Merchants Bank and Trust of Watertown

The Board further determined, by the same majority vote, that Corporation business required the addition to the agenda for consideration at the meeting, on less than seven days' notice to the public, of the following matter:

Recommendation regarding the Corporation's assistance agreement involving an insured bank pursuant to Section 13(e) of the Federal Deposit Insurance Act

The Board further determined, by the same majority vote, that no earlier notice of these changes in the subject matter of the meeting was practicable; that the public interest did not require consideration of the matter added to the agenda in a meeting open to public observation; and that the matter added to the agenda could be considered in a closed meeting by authority of subsection (c)(4) of the "Government in the Sunshine Act" (5 U.S.C. 552b(c)(4)).

Dated: October 24, 1983.

Federal Deposit Insurance Corporation.

Hoyle L. Robinson,

Executive Secretary.

[S-1525-83 Filed 10-27-83; 11:29 am]

BILLING CODE 6714-01-M

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FEDERAL DEPOSIT INSURANCE CORPORATION

Changes in Subject Matter of Agency Meeting

Pursuant to the provisions of subsection (e)(2) of the "Government in the Sunshine Act" (5 U.S.C. 552b(e)(2)), notice is hereby given that at its open meeting held at 10 a.m. on Monday, October 24, 1983, the Corporation's Board of Directors determined, on motion of Chairman William M. Isaac, seconded by Director Irvine H. Sprague (Appointive), that Corporation business required the addition to the agenda for consideration at the meeting on less than seven days' notice to the public, of the following matter:

Recommendation regarding the liquidation of a bank's assets acquired by the Corporation in its capacity as receiver, liquidator, or liquidating agent of those assets:

Case No. 45,795-SR—State Bank of Barnum, Barnum, Minnesota

Personnel actions regarding appointments, promotions, reassignments, etc.

By the same majority vote, the Board further determined that no earlier notice of the changes in the subject matter of the meeting was practicable.

Dated: October 24, 1983.

Federal Deposit Insurance Corporation.

Hoyle L. Robinson,

Executive Secretary.

[S-1528-83 Filed 10-27-83; 11:30 am]

BILLING CODE 6714-01-M

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OCCUPATIONAL SAFETY AND HEALTH REVIEW COMMISSION

TIME AND DATE: 10 a.m. on November 10, 1983.

PLACE: Suite 316, 1825 K Street NW., Washington, D.C.

STATUS: Because of the subject matter, it is likely that this meeting will be closed.

MATTERS TO BE CONSIDERED: Discussion of specific cases in the Commission adjudicative process.

CONTACT PERSON FOR MORE INFORMATION: Mrs. Patricia Bausell (202) 634-4015.

Dated: October 26, 1983.

[S-1521-83 Filed 10-26-83; 4:18 pm]

BILLING CODE 7600-01-M

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OCCUPATIONAL SAFETY AND HEALTH REVIEW COMMISSION

TIME AND DATE: 10 a.m. on November 17, 1983.

PLACE: Suite 316, 1825 K Street NW., Washington, D.C.

STATUS: Because of the subject matter, it is likely that this meeting will be closed.

MATTERS TO BE CONSIDERED: Discussion of specific cases in the Commission adjudicative process.

CONTACT PERSON FOR MORE INFORMATION: Mrs. Patricia Bausell, (202) 634-4015.

Dated: October 26, 1983.

[S-1522 Filed 10-26-83 4:18 pm]

BILLING CODE 7600-01-M

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PAROLE COMMISSION

National Commissioners (the Commissioners presently maintaining offices at Chevy Chase, Maryland Headquarters)

TIME AND DATE: 10 a.m., Wednesday, November 2, 1983.

PLACE: Room 420-F, One North Park Building, 5550 Friendship Boulevard, Chevy Chase, Maryland 20815.

STATUS: Closed pursuant to a vote to be taken at the beginning of the meeting.

MATTERS TO BE CONSIDERED: Referrals from Regional Commissioners of approximately 5 cases in which inmates of Federal prisons have applied for parole or are contesting revocation of parole or mandatory release.

CONTACT PERSON FOR MORE INFORMATION: Linda Wines Marble, Chief Case Analyst, National Appeals Board, United States Parole Commission, (301) 492-5987.

[S-1524-83 Filed 10-27-83; 10:24 am]

BILLING CODE 4410-01-M

federal register

Monday
October 31, 1983

Part II

Department of Transportation

Research and Special Programs Administration

Optional Hazardous Materials Table; Use of United Nations Shipping Descriptions; Final Rule

DEPARTMENT OF TRANSPORTATION

Research and Special Programs Administration

49 CFR Parts 171 and 172

[Docket No. HM-171C; Amdt. Nos. 171-75, 172-84]

Optional Hazardous Materials Table; Use of United Nations Shipping Descriptions

AGENCY: Materials Transportation Bureau (MTB), Research and Special Programs Administration, DOT.

ACTION: Final rule.

SUMMARY: This document amends the Optional Hazardous Materials Table (Optional Table) which appears in 49 CFR 172.102. The amendment has been necessitated by a number of changes to the International Maritime Organization (IMO), International Maritime Dangerous Goods Code (IMDG Code) upon which the Optional Table is based. The changes have been published by IMO as Amendment 20-82 to the IMDG Code. The purpose of this amendment to the Optional Table is to maintain alignment between the Optional Table and the corresponding provisions of the IMDG Code, in order to ensure that the import and export of hazardous materials will not be adversely affected by potentially conflicting and duplicative requirements for the description, classification, labeling and marking of hazardous materials. Since the use of the Optional Table is, as the name implies, an option for international shipments, this rule will not impose an undue burden on persons affected by the regulations. This amendment also updates the matter incorporated by reference in 49 CFR 171.7 to include Amendment 20-82.

EFFECTIVE DATE: December 1, 1983.

FOR FURTHER INFORMATION CONTACT: Edward A. Altemos, Office of Hazardous Materials Regulation, Materials Transportation Bureau, U.S. Department of Transportation, 400 Seventh Street, SW., Washington, D.C. 20590, (202) 426-0656.

SUPPLEMENTARY INFORMATION: The purpose of the Optional Table is to facilitate the international transportation of hazardous materials and to minimize a duplicity of shipping paper descriptions and package marking and labeling requirements that would be required to comply with both domestic and international standards. Consequently, it is essential that the Optional Table be maintained in alignment with the provisions of the applicable international standards to the maximum extent possible.

The Optional Table, in its present form, is reflective of the provisions of the IMDG Code including all amendments through Amendment 19-80. Recently, IMO published Amendment 20-82 to the IMDG Code, and established December 1, 1983, as the worldwide implementation date for the amendment. Consequently, MTB is revising the Optional Table to maintain the necessary alignment with the IMDG Code, and is also updating the matter incorporated in § 171.7 to include a reference to Amendment 20-82. The effective date for these amendments is established as December 1, 1983, in order to conform to the implementation date set by IMO.

Amendment 20-82 to the IMDG Code includes changes to, or deletion of, approximately 480 existing hazardous materials entries and the addition of approximately 85 new entries. In addition, this amendment corrects several errors and omissions in the existing Optional Table. Because of the large number of changes to the table it is being republished in its entirety with all new or amended entries indicated by an asterisk in Column (1). These asterisks do not, however, constitute a part of the amendment.

Since this rule does not impose mandatory additional requirements, notice and procedure thereon are considered unnecessary.

List of Subjects

49 CFR Part 171

Hazardous materials transportation, References, Terms and acronyms.

49 CFR Part 172

Hazardous materials transportation, Hazardous materials description, Terms and acronyms.

In consideration of the foregoing, 49 CFR Parts 171 and 172 are amended as follows:

PART 171—GENERAL INFORMATION, REGULATIONS, AND DEFINITIONS

1. In § 171.7, paragraph (d)(17) is revised to read as follows:

§ 171.7 Matter incorporated by reference.

* * * * *

(d) * * *

(17) "International Maritime Dangerous Goods Code" (IMDG Code), Volumes I, II, III, and IV, 1977 Edition, and Amendments 14-76, 15-77, 16-78, 17-79, 18-79, 19-80 and 20-82 thereto.

* * * * *

PART 172—HAZARDOUS MATERIALS TABLES AND HAZARDOUS MATERIALS COMMUNICATIONS REGULATIONS

2. In § 172.102, the Optional Hazardous Materials Table is revised to read as set forth below.

[Note to the Reader—The asterisks in Column (1) of the Table indicate new or amended entries and will not appear in the Code of Federal Regulations.]

§ 172.102 [Amended]

BILLING CODE 4910-60-M

172.102 Optional Hazardous Materials Table

(1) Notes and Symbols	(2) Hazardous Materials Description and Proper Shipping Names	(3) IMCO Class	(4) Identification Number	(5) Label(s) required	(6) Packaging Group	(7) Vessel Stowage Requirements (a) Cargo vessel	(b) Passenger vessel	(c) Other requirements
	Acetal	3.1	UN 1088	Flammable Liquid	II	1,3	5	Keep cool
	Acetaldehyde	3.1	UN 1089	Flammable Liquid	I	1,3	5	Keep cool
	Acetaldehyde ammonia	9	UN 1841	None	III	1,2	1,2	Stow 'away from' foodstuffs
	Acetaldehyde oxime	3.3	UN 2332	Flammable Liquid	II	1,2	1,2	
	Acetic acid, glacial or Acetic acid solution, *more than 80% acid, by weight*	8	UN 2789	Corrosive, Flammable Liquid	II	1,2	1,2	Segregation same as for flammable liquids. Glass carboys in hampers prohibited under deck
	Acetic acid solution, *more than 25% but not more than 80% acid, by weight*	8	UN 2790	Corrosive	II/III	1,2	1,2	Glass carboys in hampers prohibited under deck
	Acetic anhydride	8	UN 1715	Corrosive, Flammable Liquid	II	1,2	1,2	Stow 'separated longitudinally by an intervening complete compartment or hold from' explosives. Segregation same as for flammable liquids
	Acetone	3.1	UN 1090	Flammable Liquid	II	1,3	5	
	Acetone cyanohydrin, *stabilized*	6.1	UN 1541	Poison	I	1	5	Shade from radiant heat. Stow 'away from' acids and alkalis
	Acetone oils	3.2	UN 1091	Flammable Liquid	II	1,2	1	
	Acetonitrile. *See* Methyl cyanide							
	Acetyl acetone peroxide, *maximum concentration 40% in solution*	5.2	UN 2080	Organic Peroxide	II	1	5	
	Acetyl benzoyl peroxide, *maximum concentration 45% in solution*	5.2	UN 2081	Organic Peroxide	II	1	5	
	Acetyl bromide	8	UN 1716	Corrosive	II	1	1	Keep dry. Glass carboys prohibited on passenger vessels
	Acetyl chloride	3.2	UN 1717	Flammable Liquid, Corrosive	II	1,2	1	
	Acetyl cyclohexane sulphonyl peroxide, *maximum concentration 82%, wetted with minimum 12% water*	5.2	UN 2082	Organic Peroxide	I	1	5	Control temperature -10 deg C. Emergency temperature 0 deg C
	Acetyl cyclohexane sulphonyl peroxide, *maximum concentration 32% in solution*	5.2	UN 2083	Organic Peroxide	II	1	5	Control temperature -10 deg C. Emergency temperature 0 deg C
	Acetylene, *dissolved*	2.1	UN 1001	Flammable Gas	–	1	1	Shade from radiant heat. Stow 'separated from' chlorine
	Acetyl iodide	8	UN 1898	Corrosive	II	1	1	Keep dry. Glass carboys prohibited on passenger vessels
	Acetyl methyl carbinol	3.3	UN 2621	Flammable Liquid	III	1,2	1,2	
	Acetyl peroxide, *maximum concentration 27% in solution*	5.2	UN 2084	Organic Peroxide	II	1	5	Control temperature 20 deg C. Emergency temperature 25 deg C
*	Acid mixtures, spent, nitrating	8	UN 1826	Corrosive	I/II	1	5	Stow 'away from' fluorides
	Acids, liquid, n.o.s. *See* Corrosive liquids, n.o.s.							
	Acridine	4.1	UN 2713	Flammable Solid	III	1,2	1,2	
	Acrolein dimer, *stabilized*	3.3	UN 2607	Flammable Liquid	II	1,2	1,2	
*	Acrolein, inhibited	3.1	UN 1092	Flammable Liquid, Poison	I	1,3	5	Keep cool
	Acrylamide	6.1	UN 2074	St. Andrews Cross	III	1,2	1,2	Shade from radiant heat. Keep cool
*	Acrylic acid, inhibited	8	UN 2218	Corrosive, Flammable Liquid	II	1	1	Shade from radiant heat. Keep cool. Segregation same as for flammable liquids. Glass carboys prohibited on passenger vessels
*	Acrylonitrile, inhibited	3.2	UN 1093	Flammable Liquid, Poison	I	1,3	5	Keep cool
*	Activated carbon. *See* Carbon, activated							
*	Activated charcoal. *See* Carbon, activated							
	Adhesives, *containing a flammable liquid*	3.1 3.2 3.3	UN 1133 UN 1133 UN 1133	Flammable Liquid Flammable Liquid Flammable Liquid	II II II	1,2 1,2 1,2	5 1 1,2	Keep cool
	Adiponitrile	6.1	UN 2205	St. Andrews Cross	III	1,2	1,2	Shade from radiant heat
	Aerosol dispensers, *with a capacity below 1400 cubic cm.:*							
	(1) more than 10% by weight of total contents consisting of flammable gas	2.1	UN 1950	Flammable Gas	–	1,3	1,3	
	(2) internal pressure greater than 160 psig at 130 deg F.	2.2	UN 1950	Nonflammable Gas	–	1,3	1,3	
	(3) more than 45% by weight of total contents consisting of flammable liquid. This limit is reduced to 35% if there is any flammable gas present.	3.1 3.2 3.3	UN 1950 UN 1950 UN 1950	Flammable Liquid Flammable Liquid Flammable Liquid	– – –	1,3 1,3 1,3	1,3 1,3 1,3	
	(4) more than 10% by weight of toxic substances in the liquid concentrate	6.1 6.1	UN 1950	Poison St. Andrews Cross	I/II III	1,3 1,3	1,3 1,3	
	(5) more than 5% by weight of corrosive substances in the liquid concentrate	8	UN 1950	Corrosive	–	1,3	1,3	
	(6) as specified under Group 2 on page 9011 of IMCO Code	9	UN 1950	None	–			
N	Aerosol dispensers, *with a capacity of 1400 cubic cm. or more*	2	UN 1950		–			
	Agents, blasting, Type B. *See* Explosives, blasting, Type B							
	Agents, blasting, Type E. *See* Explosives, blasting, Type E							
	Air, *compressed*	2.2	UN 1002	Nonflammable Gas	–	1,2	1,2	
	Aircraft thrust device *for assisted take-off*	4.1	UN 2791	Flammable Solid	II	1,2	5	
	Air, *refrigerated liquid*	2.2	UN 1003	Nonflammable Gas, Oxidizer	–	1,3	1,3	Stow 'separated from' acetylene. Do not overstow
*N	Alarm devices, explosive *automatic*	1.4 S	UN 0001	None. Package to be marked '1.4 S'	–	1,3	1,3	
*	Alcohols, n.o.s.	3.1 3.2 3.3	UN 1987 UN 1987 UN 1987	Flammable Liquid Flammable Liquid Flammable Liquid	I/II II II	1,3 1,2 1,2	5 1 1,2	Keep cool

172.102 Optional Hazardous Materials Table (Cont'd)

(1) Notes and Symbols	(2) Hazardous Materials Description and Proper Shipping Names	(3) IMCO Class	(4) Identification Number	(5) Label(s) required	(6) Packaging Group	(7) Vessel Stowage Requirements (a) Cargo vessel	(b) Passenger vessel	(c) Other requirements
*	Alcohols, toxic, n.o.s.	3.1	UN 1986	Flammable Liquid, Poison	I/II	1,3	5	Keep cool
		3.2	UN 1986		II	1,2	1	
		3.3	UN 1986	Flammable Liquid, Poison	II	1,2	1,2	
				Flammable Liquid, Poison				
*	Aldehydes, n.o.s.	3.1	UN 1989	Flammable Liquid	I/II	1,3	5	Keep cool
		3.2	UN 1989	Flammable Liquid	II	1,2	1	
		3.3	UN 1989	Flammable Liquid	II	1,2	1,2	
	Aldehydes, toxic, n.o.s.	3.1	UN 1988	Flammable Liquid, Poison	I/II	1,3	5	Keep cool
		3.2	UN 1988	Flammable Liquid, Poison	II	1,2	1	
		3.3	UN 1988	Flammable Liquid, Poison	II	1,2	1,2	
	Aldol	6.1	UN 2839	Poison	II	1,3	1,3	Keep cool. Shade from radiant heat. Stow 'away from' living quarters
*	Alkali metal alloys, liquid	4.3	UN 1421	Dangerous When Wet	I	1,2	5	
	Alkali metal amalgams, n.o.s.	4.3	UN 1389	Dangerous When Wet	I	1,2	1,2	
	Alkali metal amides, n.o.s.	4.3	UN 1390	Dangerous When Wet	II	1,2	5	
	Alkali metal dispersions, n.o.s. *or* Alkali earth metal dispersions, n.o.s.	4.3	UN 1391	Dangerous When Wet	I	1,2	5	
	Alkaline caustic liquids, n.o.s. *See* Caustic alkali liquids, n.o.s.							
	Alkaline corrosive liquids, n.o.s. *See* Corrosive liquids, n.o.s.							
*	Alkaline earth metal alloys, n.o.s.	4.3	UN 1393	Dangerous When Wet	II	1,2	5	
	Alkaline earth metal amalgams, n.o.s.	4.3	UN 1392	Dangerous When Wet	I	1,2	1,2	
*	Alkaloids, n.o.s. *or* Alkaloid salts, n.o.s., *poisonous*	6.1	UN 1544	Poison	I/II	1,2	1,2	
		6.1	UN 1544	St. Andrews Cross	III	1,2	1,2	
	Alkylamines and polyamines, *flashpoint below 23 deg C and boiling point above 35 deg C but not more than 200 deg C*, n.o.s.	3.2	UN 2733	Flammable Liquid, Corrosive	II	1,2	1	
	Alkylamines and polyamines, *flashpoint 23 deg C or above, boiling point above 35 deg C but not more than 200 deg C*, n.o.s.	8	UN 2734	Corrosive, Flammable Liquid (only if flashpoint 61 deg C or below)	II	1,2	1,2	If flashpoint 61 deg C or below, segregation same as for flammable liquids
	Alkylamines and polyamines, *flashpoint of 23 deg C or above and boiling point above 200 deg C*, n.o.s.	8	UN 2735	Corrosive, Flammable Liquid (only if flashpoint 61 deg C or below)	III	1,2	1,2	If flashpoint 61 deg C or below, segregation same as for flammable liquids
	Alkyl, Aryl *or* Toluene sulphonic acid, liquid, *containing more than 5% free sulphuric acid*	8	UN 2584	Corrosive	II	1,2	1	Glass carboys not permitted under deck
	Alkyl, Aryl *or* Toluene sulphonic acid, liquid, *containing not more than 5% free sulphuric acid*	8	UN 2586	Corrosive	III	1,2	1	Glass carboys not permitted under deck
	Alkyl, Aryl *or* Toluene sulphonic acid, solid, *containing more than 5% free sulphuric acid*	8	UN 2583	Corrosive	II	1,2	1,2	Keep dry
	Alkyl, Aryl *or* Toluene sulphonic acid, solid, *containing not more than 5% free sulphuric acid*	8	UN 2585	Corrosive	III	1,2	1,2	Keep dry
	Alkyl phenols, n.o.s.	6.1	UN 2430	St. Andrews Cross	III	1,2	1,2	
	Allyl acetate	3.2	UN 2333	Flammable Liquid, Poison	II	1,3	5	Keep cool
	Allyl alcohol	3.2	UN 1098	Flammable Liquid, Poison	I	1,2	1	
	Allylamine	3.1	UN 2334	Flammable Liquid, Poison	I	1,3	5	Keep cool
	Allyl bromide	3.2	UN 1099	Flammable Liquid, Poison	I	1,2	1	
	Allyl chloride	3.1	UN 1100	Flammable Liquid, Poison	I	1,3	5	Keep cool
	Allyl chlorocarbonate. *See* Allyl chloroformate							
	Allyl chloroformate	8	UN 1722	Corrosive, Flammable Liquid	I	1	5	Keep dry. Stow 'separated longitudinally by an intervening complete compartment or hold from' explosives. Segregation same as for flammable liquids
	Allyl ethyl ether	3.2	UN 2335	Flammable Liquid, Poison	II	1,3	5	Keep cool
	Allyl formate	3.2	UN 2336	Flammable Liquid, Poison	I	1,3	5	Keep cool
	Allyl glycidyl ether	3.3	UN 2219	Flammable Liquid	III	1,2	1,2	
	Allyl iodide	3.2	UN 1723	Flammable Liquid, Corrosive	I	1,2	1	
	Allyl isothiocyanate, *stabilized*	6.1	UN 1545	Poison, Flammable Liquid	II	1	5	Shade from radiant heat. Stow 'away from' living quarters. Segregation same as for flammable liquids
	Allyl trichlorosilane, *stabilized*	8	UN 1724	Corrosive, Flammable Liquid	II	1	1	Keep dry. Stow 'separated longitudinally by an intervening complete compartment or hold from' explosives. Segregation same as for flammable liquids
*	Aluminium alkyl halides, *in* solution	4.2	UN 2220	Spontaneously Combustible	II	1	1	
*	Aluminium alkyl halides, *pure*	4.2	UN 2221	Spontaneously Combustible	I	1	5	
*	Aluminium alkyls. *See* Metal alkyls, n.o.s.							

172.102 Optional Hazardous Materials Table (Cont'd)

(1) Notes and Symbols	(2) Hazardous Materials Description and Proper Shipping Names	(3) IMCO Class	(4) Identification Number	(5) Label(s) required	(6) Packaging Group	(7) Vessel Stowage Requirements: * (a) Cargo vessel	(b) Passenger vessel	(c) Other requirements
	Aluminium borohydride *or* Aluminium borohydride in devices	4.2	UN 2870	Spontaneously Combustible, Dangerous When Wet	I	1	5	
	Aluminium bromide, anhydrous	8	UN 1725	Corrosive	II	1,2	1,2	Keep dry
	Aluminium bromide solution	8	UN 2580	Corrosive	III	1,2	1,2	
	Aluminium carbide	4.3	UN 1394	Dangerous When Wet	II	1,2	1,2	
	Aluminium chloride, anhydrous	8	UN 1726	Corrosive	II	1,2	1,2	Keep dry
	Aluminium chloride solution	8	UN 2581	Corrosive	III	1,2	1,2	
	Aluminium ferrosilicon, *powder*	4.3	UN 1395	Dangerous When Wet	II	1,2	1,2	
	Aluminium hydride	4.2	UN 2463	Spontaneously Combustible	I	1,2	5	
	Aluminium nitrate	5.1	UN 1438	Oxidizer	III	1,2	1,2	
*	Aluminium phosphide	4.3	UN 1397	Dangerous When Wet, Poison	I	1	1,2	
	Aluminium powder, coated	4.1	UN 1309	Flammable Solid	III	1,2	1,2	Keep dry. Stow 'away from' liquid halogenated hydrocarbons
*	Aluminium, powder, pyrophoric. *See* Pyrophoric metals							
*	Aluminium, powder, uncoated, *non-pyrophoric*	4.3	UN 1396	Dangerous When Wet	II	1,2	1,2	Stow 'away from' liquid halogenated hydrocarbons
	Aluminium resinate	4.1	UN 2715	Flammable Solid	III	1,2	1,2	
	Aluminium silicon, *powder, uncoated*	4.3	UN 1398	Dangerous When Wet	III	1,2	1,2	
	2-Amino-4-chlorophenol	6.1	UN 2673	Poison	II	1,2	1,2	
*	2-Amino-5-diethylaminopentane	6.1	UN 2946	St. Andrews Cross	III	1,2	1,2	
	N-Aminoethylpiperazine	8	UN 2815	Corrosive	III	1,3	1,3	Keep cool
	Aminophenols (*o-, m-, p-*)	6.1	UN 2512	St. Andrews Cross	III	1,2	1,2	
*	Aminopyridines (*o-, m-, p-*)	6.1	UN 2671	Poison	II	1,3	1	Keep cool. Stow 'away from' living quarters
	Ammonia, *anhydrous, liquefied, or ammonia solutions, density (specific gravity) less than 0.880 at 15 degrees C. in water, containing more than 50% ammonia.*	2.3	UN 1005	Poison Gas	--	1,2	5	Stow 'separated from' chlorine. Stow 'away from' living quarters
*	Ammonia solutions *density (specific gravity) between 0.880 and 0.957 at 15 deg C. in water, with more than 10% and not more than 35% ammonia, by weight*	8	UN 2672	Corrosive	III	1,2	1,2	Stow 'away from' living quarters
	Ammonia solutions, *density (specific gravity) less than 0.880 at 15 degrees C. in water, containing more than 35% and not more than 50% ammonia.*	2.2	UN 2073	Nonflammable Gas	--	1,2	5	Stow 'separated from' chlorine. Stow 'away from' living quarters
	Ammonium arsenate	6.1	UN 1546	Poison	II	1,2	1,2	Stow 'away from' alkalis
	Ammonium bifluoride. *See* Ammonium hydrogen fluoride							
	Ammonium dichromate	5.1	UN 1439	Oxidizer	II	1,2	1,2	Stow 'away from' foodstuffs
	Ammonium dinitro-o-cresolate	6.1	UN 1843	Poison	II	1,2	1	Stow 'away from' heavy metals, 'separated from' flammable substances and 'separated longitudinally by an intervening complete compartment or hold from' explosives
	Ammonium fluoride	6.1	UN 2505	St. Andrews Cross	III	1,2	1,2	Stow 'away from' acids
	Ammonium hydrogen fluoride, solid	8	UN 1727	Corrosive	II	1,2	1,2	Keep dry
	Ammonium hydrogen fluoride, solution	8	UN 2817	Corrosive, Poison	II	1,2	1	
	Ammonium hydrogen sulphate	8	UN 2506	Corrosive	II	1,2	1,2	Stow 'away from' strong alkalis
	Ammonium metavanadate	6.1	UN 2859	Poison	II	1,2	1,2	Stow 'away from' living quarters
*	Ammonium nitrate fertilizers, n.o.s.	5.1	UN 2072	Oxidizer	II	1,3	1,3	Stow 'away from' sources of heat and 'separated from' combustible material, chlorates, hypochlorites, nitrites, permanganates, and metalic powders
	Ammonium nitrate fertilizers, *of the same composition as defined in class 5.1 on pages 5015 and 5016 of the IMCO Code but containing greater amounts of organic and/or combustible material than specified in these entries*	1.1 D	UN 0223	Explosive (1.1D)	--	1,2	1,2	
*	Ammonium nitrate fertilizers, *Type A*							
	(1) Uniform non-segregating mixtures of ammonium nitrate with added matter which is inorganic and chemically inert towards ammonium nitrate, containing not less than 90% of ammonium nitrate and not more than 0.2% of combustible material (including organic material calculated as carbon), or containing less than 90% but more than 70% of ammonium nitrate and not more than 0.4% of total combustible material	5.1	UN 2067	Oxidizer	III	1,3	1,3	Stow 'away from' sources of heat and 'separated from' combustible material, chlorates, hypochlorites, nitrites, permanganates, and metalic powders
	(2) Uniform non-segrating mixtures of ammonium nitrate with calcium carbonate and/or dolomite, containing more than 80% but less than 90% of ammonium nitrate and not more than 0.4% of total combustible material	5.1	UN 2068	Oxidizer	III	1,3	1,3	Stow 'away from' sources of heat and 'separated from' combustible material, chlorates, hypochlorites, nitrites, permanganates, and metalic powders
	(3) Uniform non-segregating mixtures of ammonium nitrate/ammonium sulphate, containing more than 45% but not more than 70% of ammonium nitrate and containing not more than 0.4% of total combustible material	5.1	UN 2069	Oxidizer	III	1,3	1,3	Stow 'away from' sources of heat and 'separated from' combustible material, chlorates, hypochlorites, nitrites, permanganates, and metalic powders
	(4) Uniform non-segregating mixtures of nitrogen/phosphate or nitrogen/potash types or complete fertilizers of nitrogen/phosphate/potash type, containing more than 70% but less than 90% of ammonium nitrate and not more than 0.4% of total combustible material	5.1	UN 2070	Oxidizer	III	1,3	1,3	Stow 'away from' sources of heat and 'separated from' combustible material, chlorates, hypochlorites, nitrites, permanganates, and metalic powders
	Ammonium nitrate fertilizers, *Type B. Uniform non-segregating mixtures of nitrogen/phosphate or nitrogen/potash types or complete fertilizers of nitrogen/phosphate/potash type, containing not more than 70% of ammonium nitrate and not more than 0.4% of total added combustible material or containing not more than 45% of ammonium nitrate with unrestricted combustible material*	9	UN 2071	None	III	1,2	1,2	

172.102 Optional Hazardous Materials Table (Cont'd)

(1) Notes and Symbols	(2) Hazardous Materials Description and Proper Shipping Names	(3) IMCO Class	(4) Identification Number	(5) Label(s) required	(6) Packaging Group	(7) Vessel Stowage Requirements (a) Cargo vessel	(b) Passenger vessel	(c) Other requirements
*	Ammonium nitrate, *with more than 0.2% by weight of combustible substances, including any organic substance calculated as carbon, to the exclusion of any other added substance*	1.1 D	UN 0222	Explosive (1.1D)	–	1,2	1,2	
*	Ammonium nitrate, *with not more than 0.2% of combustible substance including any organic substance calculated as carbon, to the exclusion of any other add substance*	5.1	UN 1942	Oxidizer	III	1,3	1,3	Stow 'away from' sources of heat and 'separated from' combustible material, chlorates, hypochlorites, nitrites, permanganates, and metalic powders
	Ammonium perchlorate	5.1	UN 1442	Oxidizer	II	1,2	5	Stow 'away from' powdered metals
N	Ammonium perchlorate, *average particle size less than 45 microns*	1.1D	UN 0402	Explosive (1.1D)	–	–	–	
	Ammonium persulphate	5.1	UN 1444	Oxidizer	III	1,2	1,2	
*N	Ammonium picrate, *dry or wetted with less than 10% water, by weight*	1.1D	UN 0004	Explosive (1.1D)	–	–	–	
*	Ammonium picrate, wetted, *with not less than 10% water, by weight*	4.1	UN 1310	Flammable Solid	I	1	5	Stow 'away from' heavy metals and their compounds
*	Ammonium picrate, wetted, *with not less than 33 1/3 % water, by weight*	4.1	UN 1310	Flammable Solid	I	1,2	5	Stow 'away from' heavy metals and their compounds
	Ammonium polysulphide, solution	8	UN 2818	Corrosive, Poison	II	1,3	1	Keep cool. Stow 'away from' acids
	Ammonium polyvanadate	6.1	UN 2861	Poison	II	1,2	1,2	Stow 'away from' living quarters
	Ammonium silicofluoride	6.1	UN 2854	St. Andrews Cross	III	1,2	1,2	Stow 'away from' acids
	Ammonium sulphide, solution	8	UN 2683	Corrosive, Poison, Flammable Liquid (only if flashpoint below 61 deg C)	II	1,3	1	Keep cool. Stow 'away from' all other corrosives. If flashpoint below 61 deg C, segregation same as for flammable liquids
	Ammunition, illuminating, *with or without burster, expelling charge or propelling charge*	1.4 G	UN 0297	Explosive (1.4G)	–	1,3	1,3	
N	Ammunition, illuminating, *with or without burster, expelling charge or propelling charge*	1.2G	UN 0171	Explosive (1.2G)	–	–	–	
N	Ammunition, illuminating, *with or without burster, expelling charge or propelling charge*	1.3G	UN 0254	Explosive (1.3G)	–	–	–	
N	Ammunition, incendiary, *liquid or gel, with burster, expelling charge or propelling charge*	1.3J	UN 0247	Explosive (1.3J)	–	–	–	
	Ammunition, incendiary *(other than water-activated ammunition), without white phosphorus or phosphides, with or without burster, expelling charge or propelling charge*	1.4 G	UN 0300	Explosive *(1.4G)*	–	1,3	1,3	
N	Ammunition, incendiary *(other than water-activated ammunition), without white phosphorus or phosphides, with or without burster, expelling charge or propelling charge*	1.2G	UN 0009	Explosive (1.2G)	–	–	–	
N	Ammunition, incendiary *(other than water-activated ammunition), without white phosphorus or phosphides, with or without burster, expelling charge or propelling charge*	1.3G	UN 0010	Explosive (1.3G)	–	–	–	
N	Ammunition, incendiary, white phosphorus, *with burster, expelling charge or propelling charge*	1.2H	UN 0243	Explosive (1.2H)	–	–	–	
N	Ammunition, incendiary, white phosphorus, *with burster, expelling charge or propelling charge*	1.3H	UN 0244	Explosive (1.3H)	–	–	–	
	Ammunition, practice	1.4G	UN 0362	Explosive (1.4G)	–	1,3	1,3	
	Ammunition, proof	1.4G	UN 0363	Explosive (1.4G)	–	1,3	1,3	
N	Ammunition, smoke *(other than water-activated ammunition) without white phosphorus or phosphides, with or without burster, expelling charge or propelling charge*	1.2G	UN 0015	Explosive (1.2G), Corrosive	–	–	–	
N	Ammunition, smoke *(other than water-activated ammunition) without white phosphorus or phosphides, with or without burster, expelling charge or propelling charge*	1.3G	UN 0016	Explosive (1.3G), Corrosive	–	–	–	
N	Ammunition, smoke *(other than water-activated ammunition) without white phosphorus or phosphides, with or without burster, expelling charge or propelling charge*	1.4G	UN 0303	Explosive (1.4G), Corrosive	–	–	–	
N	Ammunition, smoke, white phosphorus *(other than water-activated ammunition), with burster, expelling charge or propelling charge*	1.2H	UN 0245	Explosive (1.2H)	–	–	–	
N	Ammunition, smoke, white phosphorus *(other than water-activated ammunition), with burster, expelling charge or propelling charge*	1.3H	UN 0246	Explosive (1.3H)	–	–	–	
	Ammunition, tear producing, non-explosive, *with neither burster nor expelling charge, non-fuzed*	6.1	UN 2017	Poison, Corrosive	II	1,2	5	Keep dry. Stow 'away from' living quarters Segregation same as for corrosives
N	Ammunition, tear producing, *with burster, expelling charge or propelling charge*	1.2G	UN 0018	Explosive (1.2G), Poison, Corrosive	–	–	–	
N	Ammunition, tear producing, *with burster, expelling charge or propelling charge*	1.3G	UN 0019	Explosive (1.3G), Poison, Corrosive	–	–	–	
	Ammunition, tear-producing, *with burster, expelling charge or propelling charge*	1.4 G	UN 0301	Explosive (1.4G), Poison, Corrosive	–	1,3	1,3	
*	Ammunition, *toxic, non-explosive, with neither burster nor expelling charge, non-fuzed*	6.1	UN 2016	Poison	II	1,2	5	Keep dry
N	Ammunition, toxic *(other than water-activated ammunition) with burster, expelling charge or propelling charge*	1.2K	UN 0020	Explosive (1.2K), Poison	–	–	–	
N	Ammunition, toxic *(other than water-activated ammunition) with burster, expelling charge or propelling charge*	1.3K	UN 0021	Explosive (1.3K), Poison	–	–	–	
	Amyl acetates	3.2	UN 1104	Flammable Liquid	II	1,2	1	
		3.3	UN 1104	Flammable Liquid	II	1,2	1,2	
	Amyl acid phosphate	8	UN 2819	Corrosive	III	1,2	1,2	
	Amyl alcohols	3.2	UN 1105	Flammable Liquid	II	1,2	1	
		3.3	UN 1105	Flammable Liquid	II	1,2	1,2	
	Amylamine	3.2	UN 1106	Flammable Liquid	II	1,2	1	
	Amyl butyrates	3.3	UN 2620	Flammable Liquid	III	1,2	1,2	
	Amyl chloride	3.2	UN 1107	Flammable Liquid	II	1,2	1	
	n-Amylene	3.1	UN 1108	Flammable Liquid	I	1,3	5	Keep cool
	Amyl formates	3.3	UN 1109	Flammable Liquid	II	1,2	1,2	

172.102 Optional Hazardous Materials Table (Cont'd)

(1) Notes and Symbols	(2) Hazardous Materials Description and Proper Shipping Names	(3) IMCO Class	(4) Identification Number	(5) Label(s) required	(6) Packaging Group	(7) Vessel Stowage Requirements (a) Cargo vessel	(b) Passenger vessel	(c) Other requirements
	Amyl mercaptan	3.2	UN 1111	Flammable Liquid	II	1,2	1	
	Amyl methyl ketone	3.3	UN 1110	Flammable Liquid	III	1,2	1,2	
	Amyl nitrate	3.3	UN 1112	Flammable Liquid	II	1,3	5	
	Amyl nitrite	3.1	UN 1113	Flammable Liquid	II	1,3	5	Keep cool
	tert-Amyl peroxy-2-ethylhexanoate, *technical pure*	5.2	UN 2898	Organic Peroxide	II	1	5	Control temperature 20 deg C. Emergency temperature 25 deg C
	tert-Amyl peroxyneodecanoate *with at least 25% phlegmatizer*	5.2	UN 2891	Organic Peroxide	II	1	5	Control temperature 0 deg C. Emergency temperature 10 deg C
*	tert-Amyl peroxypivalate *maximum concentration 77% in solution*	5.2	UN 2957	Organic Peroxide	II	1	5	Control temperature 10 deg C. Emergency temperature 15 deg C
	Amyl trichlorosilane	8	UN 1728	Corrosive	II	1	1	Keep dry. Stow 'separated longitudinally by an intervening complete compartment or hold from' explosives
	Aniline	6.1	UN 1547	Poison	II	1,2	1,2	Stow 'away from' acids and oxidizers
	Aniline hydrochloride	6.1	UN 1548	St. Andrews Cross	III	1,2	1,2	Stow 'away from' alkalis
	Aniline oil. *See* Aniline							
	o-Anisidine	6.1	UN 2431	St. Andrews Cross	III	1,2	1,2	
	Anisole	3.3	UN 2222	Flammable Liquid	III	1,2	1,2	
	Anisoyl chloride	8	UN 1729	Corrosive	II	1	1	Keep dry. Glass carboys prohibited on passenger vessels
	Anti-freeze. *See* Flammable liquid preparations, n.o.s.							
	Antimony chloride. *See* Antimony trichloride, *liquid or solid*							
	Antimony compounds, inorganic, n.o.s.	6.1	UN 1549	Poison	I/II	1,2	1,2	
		6.1	UN 1549	St. Andrews Cross	III	1,2	1,2	
	Antimony lactate	6.1	UN 1550	St. Andrews Cross	III	1,2	1,2	
	Antimony pentachloride, *liquid*	8	UN 1730	Corrosive	II	1	1	Keep dry. Glass carboys prohibited on passenger vessels
	Antimony pentachloride, *solutions*	8	UN 1731	Corrosive	II	1	1	Glass carboys prohibited on passenger vessels
	Antimony pentafluoride	8	UN 1732	Corrosive, Poison	II	1	5	Keep dry
	Antimony potassium tartrate	6.1	UN 1551	St. Andrews Cross	III	1,2	1,2	
	Antimony powder	6.1	UN 2871	St. Andrews Cross	III	1,2	1,2	
	Antimony trichloride, *liquid*	8	UN 1733	Corrosive	II	1	1	Keep dry
	Antimony trichloride, *solid*	8	UN 1733	Corrosive	II	1,2	1,2	Keep dry
	Argon, *compressed*	2.2	UN 1006	Nonflammable Gas	–	1,3	1,3	
	Argon, refrigerated liquid	2.2	UN 1951	Nonflammable Gas	–	1,3	1	
	Arsenic acid, liquid	6.1	UN 1553	Poison	I	1,2	1,2	
	Arsenic acid, solid	6.1	UN 1554	Poison	II	1,2	1,2	
	Arsenical dust	6.1	UN 1562	Poison	II	1,2	1,2	
	Arsenical flue dust. *See* Arsenical dust							
*	Arsenical pesticides, liquid, flammable, toxic, n.o.s., *flashpoint less than 23 deg C*	3.2	UN 2760	Flammable Liquid and Poison or St. Andrews Cross (according to toxicity)	I/II	1,2	1	
*	Arsenical pesticides, liquid, toxic, flammable, n.o.s. *flashpoint between 23 deg C and 61 deg C*	6.1	UN 2993	Poison, Flammable Liquid	I	1	1	Segregation same as for flammable liquids
		6.1	UN 2993	Poison, Flammable Liquid	II	1,2	1	Segregation same as for flammable liquids
		6.1	UN 2993	St. Andrews Cross, Flammable Liquid	III	1,2	1,2	Segregation same as for flammable liquids
*	Arsenical pesticides, liquid, toxic, n.o.s.	6.1	UN 2994	Poison	I	1	1	
		6.1	UN 2994	Poison	II	1,2	1	
		6.1	UN 2994	St. Andrews Cross	III	1,2	1,2	
*	Arsenical pesticides, solid, toxic, n.o.s.	6.1	UN 2759	Poison	I/II	1,2	1,2	
		6.1	UN 2759	St. Andrews Cross	III	1,2	1,2	
	Arsenic bromide	6.1	UN 1555	Poison	II	1,2	1,2	Keep cool. Stow 'away from' living quarters
	Arsenic chloride. *See* Arsenic trichloride							
*	Arsenic compounds, liquid, n.o.s.	6.1	UN 1556	Poison, Flammable Liquid (if flashpoint between 23 deg C and 61 deg C)	I/II	1,2	1	
		6.1	UN 1556	St. Andrews Cross, Flammable Liquid (if flashpoint between 23 deg C and 61 deg C)	III	1,2	1	
*	Arsenic compounds, solid, n.o.s.	6.1	UN 1557	Poison	I	1,2	1	
		6.1	UN 1557	Poison	II	1,2	1,2	
		6.1	UN 1557	St. Andrews Cross	III	1,2	1,2	
	Arsenic, *metallic*	6.1	UN 1558	Poison	II	1,2	1,2	
	Arsenic pentoxide	6.1	UN 1559	Poison	II	1,2	1,2	
*	Arsenic sulphides, solid, n.o.s. *See* Arsenic compounds, solid, n.o.s.							
	Arsenic trichloride	6.1	UN 1560	Poison	I	1,2	1,2	
	Arsenic trioxide	6.1	UN 1561	Poison	II	1,2	1,2	
	Arsine	2.3	UN 2188	Poison Gas, Flammable Gas	–	1	5	Stow 'away from' living quarters
	Articles, explosive, n.o.s.	1.4B	UN 0350	Explosive (1.4B)	–	1,3	1,3	
	Articles, explosive, n.o.s.	1.4C	UN 0351	Explosive (1.4C)	–	1,3	1,3	
	Articles, explosive, n.o.s.	1.4D	UN 0352	Explosive (1.4D)	–	1,3	1,3	

172.102 Optional Hazardous Materials Table (Cont'd)

(1) Notes and Symbols	(2) Hazardous Materials Description and Proper Shipping Names	(3) IMCO Class	(4) Identification Number	(5) Label(s) required	(6) Packaging Group	(7) Vessel Stowage Requirements (a) Cargo vessel	(b) Passenger vessel	(c) Other requirements
	Articles, explosive, n.o.s.	1.4G	UN 0353	Explosive (1.4G)	–	1,3	1,3	
	Articles, explosive, n.o.s.	1.4S	UN 0349	None. Package to be marked '1.4S'	–	1,3	1,3	
N	Articles, explosive, n.o.s.	1.1L	UN 0354	Explosive (1.1L)	–	–	–	
N	Articles, explosive, n.o.s.	1.2L	UN 0355	Explosive (1.2L)	–	–	–	
N	Articles, explosive, n.o.s.	1.3L	UN 0356	Explosive (1.3L)	–	–	–	
N	Articles, pyrophoric	1.2L	UN 0380	Explosive (1.2L)	–	–	–	
	Asbestos, blue	9	UN 2212	None	II	1,2	1,2	
	Asbestos, white	9	UN 2590	None	III	1,2	1,2	
	Asphalt cut-backs. *See* Cut-backs, *asphalt or bitumen*							
*	2,2'-Azodi-(2,4-dimethyl-4-methoxyvaleronitrile)	4.1	UN 2955	Flammable Solid	II	1	1	Control temperature -5 deg C. Emergency temperature 5 deg C
*	2,2'-Azodi-(2,4-dimethylvaleronitrile)	4.1	UN 2953	Flammable Solid	II	1	1	Control temperature 10 deg C. Emergency temperature 15 deg C
*	Azodi-(1,1'-hexahydrobenzonitrile)	4.1	UN 2954	Flammable Solid	II	1,2	1	Shade from radiant heat
*	Azodiisobutyronitrile	4.1	UN 2952	Flammable Solid	II	1	5	Control temperature 40 deg C. Emergency temperature 45 deg C
*	Bags, *empty and unwashed, having contained* Potassium nitrate *or* sodium nitrate	4.1	UN 1359	Flammable Solid	III	1,2	5	
	Barium, *alloys, non-pyrophoric*	4.3	UN 1399	Dangerous When Wet	II	1,2	5	
	Barium alloys, pyrophoric	4.2	UN 1854	Spontaneously Combustible	II	1	5	
*N	Barium azide, *dry or containing, by weight, less than 50% water*	1.1A	UN 0224	Explosive (1.1A), Poison	–	–	–	
*	Barium azide, wetted *with not less than 50% water, by weight*	4.1	UN 1571	Flammable Solid, Poison	I	1	5	Stow 'away from' heavy metals
	Barium bromate	5.1	UN 2719	Oxidizer, Poison	II	1,2	1,2	Stow 'separated from' ammonium compounds and 'away from' finely powdered metals and foodstuffs
*	Barium chlorate	5.1	UN 1445	Oxidizer, Poison	II	1,2	1,2	Stow 'away from' powdered metals, 'separated from' Ammonium compounds
	Barium compounds, n.o.s.	6.1	UN 1564	Poison	I/II	1,2	1,2	
		6.1	UN 1564	St. Andrews Cross	III	1,2	1,2	
	Barium cyanide	6.1	UN 1565	Poison	I	1,2	1,2	Stow 'away from' acids
*	Barium hypochlorite, *with more than 22% available chlorine*	5.1	UN 2741	Oxidizer, Poison	II	1,2	1,2	Stow 'away from' foodstuffs
	Barium, *metal, non-pyrophoric*	4.3	UN 1400	Dangerous When Wet	II	1,2	5	
*	Barium nitrate	5.1	UN 1446	Oxidizer, Poison	II	1,2	1,2	
	Barium oxide	6.1	UN 1884	St. Andrews Cross	III	1,2	1,2	
*	Barium perchlorate	5.1	UN 1447	Oxidizer, Poison	II	1,2	1,2	Stow 'away from' powdered metals
*	Barium permanganate	5.1	UN 1448	Oxidizer, Poison	II	1,2	1,2	Stow 'separated from' ammonium compounds and hydrogen peroxide
*	Barium peroxide	5.1	UN 1449	Oxidizer, Poison	II	1,2	1,2	Keep dry
	Batteries, wet, filled with acid, *electric, storage*	8	UN 2794	Corrosive	III	1,2	1,2	
	Batteries, wet, filled with alkali, *electric, storage*	8	UN 2795	Corrosive	III	1,2	1,2	
*	Batteries, wet, non-spillable, *electric, storage*	8	UN 2800	None. Package to be marked 'Class 8'	III	1,2	1,2	
*	Battery fluid, acid	8	UN 2796	Corrosive	II	1,2	1	Stow 'away from' fluorides. Glass carboys in hampers prohibited under deck
	Battery fluid, alkali	8	UN 2797	Corrosive	II	1,2	1,2	
	Benzene	3.2	UN 1114	Flammable Liquid	II	1,2	1	
	Benzene sulphonyl chloride	8	UN 2225	Corrosive	III	1,2	1,2	
	Benzidine	6.1	UN 1885	Poison	II	1,2	1,2	
	Benzine	3.1	UN 1115	Flammable Liquid	II	1,3	5	Keep cool
		3.2	UN 1115	Flammable Liquid	II	1,2	1	
		3.3	UN 1115	Flammable Liquid	II	1,2	1,2	
*	Benzoic derivative pesticides, liquid, flammable, toxic, n.o.s. *flash-point less than 23 deg C*	3.2	UN 2770	Flammable Liquid and Poison or St. Andrews Cross (according to toxicity)	I/II	1,2	1	
*	Benzoic derivative pesticides, liquid, toxic, flammable, n.o.s. *flash-point between 23 deg C and 61 deg C*	6.1	UN 3003	Poison, Flammable Liquid	I	1	1	Segregation same as for flammable liquids
		6.1	UN 3003	Poison, Flammable Liquid	II	1,2	1	Segregation same as for flammable liquids
		6.1	UN 3003	St. Andrews Cross, Flammable Liquid	III	1,2	1,2	Segregation same as for flammable liquids
*	Benzoic derivative pesticides liquid, toxic, n.o.s.	6.1	UN 3004	Poison	I	1	1	
		6.1	UN 3004	Poison	II	1,2	1	
		6.1	UN 3004	St. Andrews Cross	III	1,2	1,2	
*	Benzoic derivative pesticides, solid, toxic, n.o.s.	6.1	UN 2769	Poison	I/II	1,2	1,2	
		6.1	UN 2769	St. Andrews Cross	III	1,2	1,2	
	Benzonitrile	6.1	UN 2224	Poison	II	1,2	1,2	Stow 'away from' acids
	Benzoquinone	6.1	UN 2587	Poison	II	1,2	1,2	
	Benzotrichloride	8	UN 2226	Corrosive	II	1,2	1,2	Stow 'away from' living quarters
	Benzotrifluoride	3.2	UN 2338	Flammable Liquid	II	1,2	1	
	Benzoyl chloride	8	UN 1736	Corrosive	II	1	1	Keep dry. Glass carboys prohibited on passenger vessels
	Benzoyl peroxide, *in a concentration of more than 77% but less than 95% with water*	5.2	UN 2088	Organic Peroxide	I	1	5	

172.102 Optional Hazardous Materials Table (Cont'd)

(1) Notes and Symbols	(2) Hazardous Materials Description and Proper Shipping Names	(3) IMCO Class	(4) Identification Number	(5) Label(s) required	(6) Packaging Group	(7) Vessel Stowage Requirements (a) Cargo vessel	(b) Passenger vessel	(c) Other requirements
	Benzoyl peroxide, *in a concentration of more than 72% but less than 95% as a paste*	5.2	UN 2086	Organic Peroxide	I	1	5	
	Benzoyl peroxide, *in a concentration of not more than 72% as a paste*	5.2	UN 2087	Organic Peroxide	II	1	5	
	Benzoyl peroxide, *in a concentration of not more than 77% with water*	5.2	UN 2090	Organic Peroxide	II	1	5	
	Benzoyl peroxide, *in concentrations from 30% to maximum 52% with inert solid*	5.2	UN 2089	Organic Peroxide	II	1	5	
	Benzoyl peroxide, *technical pure or in a concentration of more than 52% with inert solid*	5.2	UN 2085	Organic Peroxide	I	1	5	
	Benzyl bromide	8	UN 1737	Corrosive	II	1	5	Keep dry
	Benzyl chloride	6.1	UN 1738	Poison, Corrosive	II	1	5	Keep dry. Segregation same as for corrosives
	Benzyl chloroformate	8	UN 1739	Corrosive	I	1	5	Keep dry
*	Benzyl dimethylamine	8	UN 2619	Corrosive, Flammable Liquid	II	1,3	1,3	Segregation same as for flammable liquids. Stow 'away from' sources of heat
	Benzylidene chloride	6.1	UN 1886	Poison	II	1	5	
	Benzyl iodide	6.1	UN 2653	Poison	II	1,3	1	Keep cool. Stow 'away from' living quarters
	Beryllium compounds	6.1	UN 1566	Poison	II	1,2	1,2	
	Beryllium, *metal powder*	6.1	UN 1567	Poison, Flammable Solid	II	1,2	1,2	Segregation same as for flammable solids
	Beryllium nitrate	5.1	UN 2464	Oxidizer, Poison	II	1,2	1,2	Keep cool. If packaged in a liner within a wooden barrel, fiber drum or plywood drum or in plastic bags within a fiberboard box, stow 'away from' sources of heat
	Bhusa	4.1	UN 1327	None	III	1,2	1,2	Stow 'away from' animal or vegetable oils
	Bifluorides, n.o.s.	8	UN 1740	Corrosive	II	1,2	1,2	Keep dry
*	Bipyridilium pesticides, liquid, flammable, toxic, n.o.s., *flashpoint less than 23 deg C*	3.2	UN 2782	Flammable Liquid and Poison or St. Andrews Cross (according to toxicity)	I/II	1,2	1	
*	Bipyridilium pesticides, liquid, toxic, flammable, n.o.s., *flashpoint between 23 deg C and 61 deg C*	6.1	UN 3015	Poison, Flammable Liquid	I	1	1	Segregation same as for flammable liquids
		6.1	UN 3015	Poison, Flammable Liquid	II	1,2	1	Segregation same as for flammable liquids
		6.1	UN 3015	St. Andrews Cross, Flammable Liquid	III	1,2	1,2	Segregation same as for flammable liquids
*	Bipyridilium pesticides, liquid, toxic, n.o.s.	6.1	UN 3016	Poison	I	1	1	
		6.1	UN 3016	Poison	II	1,2	1	
		6.1	UN 3016	St. Andrews Cross	III	1,2	1,2	
*	Bipyridilium pesticides, solid, toxic, n.o.s.	6.1	UN 2781	Poison	I	1,2	1,2	
		6.1	UN 2781	Poison	II	1,2	1,2	
		6.1	UN 2781	St. Andrews Cross	III	1,2	1,2	
	Bisulphites, inorganic, aqueous solution, n.o.s.	8	UN 2693	Corrosive	III	1,2	1,2	Stow 'away from' all other corrosive substances. Glass carboys prohibited on passenger vessels
N	Black powder, compressed	1.1D	UN 0028	Explosive (1.1D)	–	–	–	
N	Black powder, *granular or as meal*	1.1D	UN 0027	Explosive (1.1D)	–	–	–	
	Bleaching powder. *See* Calcium hypochlorite mixtures, dry, *with more than 10% but not more than 39% available chlorine*							
	Blue asbestos. *See* Asbestos, blue							
N	Bombs, containing flammable liquid, *with bursting charge*	1.1J	UN 0399	Explosive (1.1J)	–	–	–	
N	Bombs, containing flammable liquid, *with bursting charge*	1.2J	UN 0400	Explosive (1.2J)	–	–	–	
N	Bombs, photo-flash	1.1D	UN 0038	Explosive (1.1D)	–	–	–	
N	Bombs, photo-flash	1.1F	UN 0037	Explosive (1.1F)	–	–	–	
N	Bombs, photo-flash	1.2G	UN 0039	Explosive (1.2G)	–	–	–	
N	Bombs, photo-flash	1.3G	UN 0299	Explosive (1.3G)	–	–	–	
	Bombs, smoke, *containing a corrosive liquid, non-explosive, without initiating device*	8	UN 2028	Corrosive	II	1,2	5	Keep dry. Stow 'away from' living quarters
N	Bombs, *with bursting charge*	1.1D	UN 0034	Explosive (1.1D)	–	–	–	
N	Bombs, *with bursting charge*	1.2D	UN 0035	Explosive (1.2D)	–	–	–	
N	Bombs, *with bursting charge*	1.1F	UN 0033	Explosive (1.1F)	–	–	–	
N	Bombs, *with bursting charge*	1.2F	UN 0291	Explosive (1.2F)	–	–	–	
N	Boosters, with detonator	1.1B	UN 0225	Explosive (1.1B)	–	–	–	
N	Boosters, with detonator	1.2B	UN 0268	Explosive (1.2B)	–	–	–	
N	Boosters, *without detonator*	1.1D	UN 0042	Explosive (1.1D)	–	–	–	
N	Boosters, *without detonator*	1.2D	UN 0283	Explosive (1.2D)	–	–	–	
*	Borate and chlorate, mixtures. *See* Chlorate and borate *mixtures*							
	Borneol	4.1	UN 1312	None. Package to be marked 'Class 4.1'	III	1,2	1,2	
	Boron tribromide	8	UN 2692	Corrosive	I	1	1	Keep cool and dry. Stow 'away from' foodstuffs
*	Boron trichloride	2.2	UN 1741	Nonflammable Gas, Corrosive	–	1	5	Shade from radiant heat. Stow 'away from' foodstuffs and living quarters
	Boron trifluoride	2.3	UN 1008	Poison Gas	–	1	5	Stow 'away from foodstuffs and living quarters
	Boron trifluoride acetic acid complex	8	UN 1742	Corrosive	II	1,2	1,2	
*	Boron trifluoride diethyletherate	4.3	UN 2604	Dangerous When Wet, Flammable Liquid, Corrosive	II	1	5	

172.102 Optional Hazardous Materials Table (Cont'd)

(1) Notes and Symbols	(2) Hazardous Materials Description and Proper Shipping Names	(3) IMCO Class	(4) Identification Number	(5) Label(s) required	(6) Packaging Group	(7) Vessel Stowage Requirements (a) Cargo vessel	(b) Passenger vessel	(c) Other requirements
	Boron trifluoride dihydrate	8	UN 2851	Corrosive	II	1,3	1	Keep cool
*	Boron trifluoride dimethyl etherate	4.3	UN 2965	Dangerous When Wet, Flammable Liquid, Corrosive	II	1	5	
	Boron trifluoride propionic acid complex	8	UN 1743	Corrosive	II	1,2	1,2	
	Box toe gum. *See* Nitrocellulose							
*	Brake fluid, *hydraulic*	3.2 3.3	UN 1118 UN 1118	Flammable Liquid Flammable Liquid	II II	1,2 1,2	1 1,2	
*	Bromates, inorganic, n.o.s.	5.1	UN 1450	Oxidizer	II	1,2	1,2	Stow 'away from' powdered metals and 'separated from' ammonium compounds
	Bromine, *(and solutions)*	8	UN 1744	Corrosive, Poison	I	1	5	Keep cool
*	Bromine chloride	2.3	UN 2901	Poison Gas, Oxidizer, Corrosive	–	1	5	Stow 'away from' combustible materials
	Bromine pentafluoride	5.1	UN 1745	Oxidizer, Poison, Corrosive	I	1	5	Keep dry. Shade from radiant heat
	Bromine trifluoride	5.1	UN 1746	Oxidizer, Poison, Corrosive	I	1	5	Keep dry. Shade from radiant heat
	Bromoacetic acid, *solid*	8	UN 1938	Corrosive	II	1,2	1,2	Keep dry
	Bromoacetic acid, *solution*	8	UN 1938	Corrosive	II	1,2	1,2	Glass carboys in hampers not permitted under deck
	Bromoacetone	6.1	UN 1569	Poison, Flammable Liquid	II	1	5	Segregation same as for flammable liquids. Stow 'away from' living quarters
	Bromoacetyl bromide	8	UN 2513	Corrosive	II	1	1	Glass carboys prohibited on passenger vessels
	Bromobenzene	3.3	UN 2514	Flammable Liquid	III	1,2	1,2	
*	Bromobenzyl cyanides	6.1	UN 1694	Poison	I	1	5	Keep cool. Stow 'away from' living quarters
	2-Bromobutane	3.2	UN 2339	Flammable Liquid	II	1,2	1	
	Bromochloromethane	6.1	UN 1887	St. Andrews Cross	III	1,2	1,2	
	2-Bromoethyl ethyl ether	3.2	UN 2340	Flammable Liquid	II	1,2	1	
	Bromoform	6.1	UN 2515	St. Andrews Cross	III	1,3	1,3	Keep cool
	1-Bromo-3-methylbutane	3.2	UN 2341	Flammable Liquid	II	1,2	1	
	Bromomethylpropanes	3.2	UN 2342	Flammable Liquid	II	1,2	1	
	Bromomethylpropanes	3.3	UN 2342	Flammable Liquid	II	1,2	1,2	
	2-Bromopentane	3.2	UN 2343	Flammable Liquid	II	1,2	1	
	Bromopropanes	3.2	UN 2344	Flammable Liquid	II	1,2	1	
	Bromopropanes	3.3	UN 2344	Flammable Liquid	II	1,2	1,2	
	3-Bromopropyne	3.2	UN 2345	Flammable Liquid	II	1,2	1	
	Bromotrifluoroethylene	2.1	UN 2419	Flammable Gas	–	1,2	5	
	Bromotrifluoromethane	2.2	UN 1009	Nonflammable Gas	–	1,2	1,2	
	Brucine	6.1	UN 1570	Poison	II	1,2	1,2	
N	Bursters, *explosive*	1.1D	UN 0043	Explosive (1.1D)	–	–	–	
	Butadiene, *inhibited*	2.1	UN 1010	Flammable Gas	–	1,2	1	Stow 'away from' living quarters
	Butanedione	3.2	UN 2346	Flammable Liquid	II	1,2	1	
*	Butane *or* butane mixtures	2.1	UN 1011	Flammable Gas	–	1,2	1	
*	sec-Butanol	3.3	UN 1120	Flammable Liquid	II	1,2	1,2	
*	tert-Butanol	3.2	UN 1120	Flammable Liquid	II	1,2	1	
	Butanol	3.3	UN 1120	Flammable Liquid	II	1,2	1,2	
	Butene. *See* Butylene							
	Butoxyl	3.3	UN 2708	Flammable Liquid	III	1,2	1,2	
	Butyl acetates	3.2	UN 1123	Flammable Liquid	II	1,2	1	
	Butyl acid phosphate	8	UN 1718	Corrosive	III	1,2	1,2	Glass carboys in hampers prohibited under deck
	Butylacrylate, inhibited	3.3	UN 2348	Flammable Liquid	II	1,2	1,2	
	Butyl alcohol. *See* Butanol							
	sec-Butyl alcohol. *See* sec-Butanol							
	tert-Butyl alcohol. *See* tert-Butanol							
	n-Butylamine	3.2	UN 1125	Flammable Liquid	II	1,2	1	
	N-n-Butylaniline	6.1	UN 2738	Poison	II	1,2	1,2	Stow 'away from' living quarters
	Butyl benzenes	3.3	UN 2709	Flammable Liquid	III	1,2	1,2	
	n-Butyl bromide	3.3	UN 1126	Flammable Liquid	II	1,2	1,2	
	n-Butyl chloride. *See* Chlorobutanes							
	n-Butylchloroformate	6.1	UN 2743	Poison, Corrosive, Flammable Liquid	II	1,3	1,3	Keep cool and dry. Shade from radiant heat. Stow 'away from' living quarters. Segregation same as for flammable liquids
	tert-Butyl cumene peroxide. *See* tert-Butyl cumyl peroxide							
	tert-Butyl cumyl peroxide, *technical pure*	5.2	UN 2091	Organic Peroxide	II	1	5	
	tert-Butylcyclohexylchloroformate	6.1	UN 2747	St. Andrews Cross	III	1,3	1,3	Keep cool and dry. Shade from radiant heat
*	n-Butyl-4,4-di-(tert-butyl-peroxy) valerate, *maximum concentration 52% with inert solid*	5.2	UN 2141	Organic Peroxide	II	1	5	
*	n-Butyl-4,4-di-(tert-butyl-peroxy) valerate, *technical pure*	5.2	UN 2140	Organic Peroxide	II	1	5	
*	Butylene	2.1	UN 1012	Flammable Gas	–	1,2	1	
	Butyl ether. *See* Dibutyl ethers							
	n-Butyl formate	3.2	UN 1128	Flammable Liquid	II	1,2	1	
	tert-Butyl hydroperoxide, *in a concentration over 72% to maximum 90% with water*	5.2	UN 2094	Organic Peroxide	I	1	5	

172.102 Optional Hazardous Materials Table (Cont'd)

(1) Notes and Symbols	(2) Hazardous Materials Description and Proper Shipping Names	(3) IMCO Class	(4) Identification Number	(5) Label(s) required	(6) Packaging Group	(7) Vessel Stowage Requirements (a) Cargo vessel	(b) Passenger vessel	(c) Other requirements
*	tert-Butyl hydroperoxide, *maximum concentration 80% in di-tert-butyl peroxide and/or solvent*	5.2	UN 2092	Organic Peroxide, Flammable Liquid (only if flashpoint of solvent is 61 deg C. or below)	I	1	5	
	tert-Butyl hydroperoxide, *maximum concentration 72% with water*	5.2	UN 2093	Organic Peroxide	II	1	5	
	N-n-Butyl imidazole	6.1	UN 2690	Poison	II	1,2	1,2	Stow 'away from' living quarters
	tert-Butyl isocyanate	3.2	UN 2484	Flammable Liquid, Poison	I	1	5	Keep cool. Stow 'away from' living quarters and sources of heat
	n-Butyl isocyanate	3.2	UN 2485	Flammable Liquid, Poison	II	1	5	Keep cool. Stow 'away from' living quarters and sources of heat
	Butyl mercaptan	3.2	UN 2347	Flammable Liquid	II	1,2	1	
	n-Butyl methacrylate	3.3	UN 2227	Flammable Liquid	III	1,2	1,2	
	Butyl methyl ether	3.2	UN 2350	Flammable Liquid	II	1,2	1	
*	tert-Butyl monoperoxymaleate, *maximum concentration 55% as a paste*	5.2	UN 2101	Organic Peroxide	II	1	5	
*	tert-Butyl monoperoxymaleate, *maximum concentration 55% in solution*	5.2	UN 2100	Organic Peroxide	II	1	5	
*	tert-Butyl monoperoxymaleate, *technical pure*	5.2	UN 2099	Organic Peroxide	II	1	5	
	tert-Butyl monoperoxyphthalate, *technical pure*	5.2	UN 2105	Organic Peroxide	II	1	5	
	Butyl nitrite	3.2	UN 2351	Flammable Liquid	II	1,2	1	
	tert-Butyl peroxide. *See* Di-tert-butyl peroxide				–	–	–	
	tert-Butyl peroxyacetate, *in a concentration of more than 52% to a maximum concentration of 76% in solution*	5.2	UN 2095	Organic Peroxide	II	1	5	
	tert-Butyl peroxyacetate, *maximum concentration 52% in solution*	5.2	UN 2096	Organic Peroxide	II	1	5	
	tert-Butyl peroxybenzoate, *maximum concentration 75% in solution*	5.2	UN 2098	Organic Peroxide	II	1	5	
	tert-Butyl peroxybenzoate, *technical pure or in a concentration of more than 75% in solution*	5.2	UN 2097	Organic Peroxide	II	1	5	
*	tert-Butyl peroxybenzoate *with at least 50% inert inorganic solid*	5.2	UN 2890	Organic Peroxide	II	1	5	
	tert-Butyl peroxycrotonate, *maximum concentration 76% in solution*	5.2	UN 2183	Organic Peroxide	II	1	5	
	n-Butyl peroxydicarbonate, *in a concentration of more than 27% to a maximum concentration of 52% in solution*	5.2	UN 2169	Organic Peroxide	II	1	5	Control temperature -15 deg C. Emergency temperature -5 deg C
	n-Butyl peroxydicarbonate, *maximum concentration 27% in solution*	5.2	UN 2170	Organic Peroxide	II	1	5	Control temperature 0 dec C. Emergency temperature 10 deg C
*	tert-Butyl peroxydiethylacetate, *(in a maximum concentration of 33%)*, with tert-butyl peroxybenzoate, *(in a maximum concentration of 33%), and with solvent*	5.2	UN 2551	Organic Peroxide	I/II	1	5	
	tert-Butyl peroxydiethylacetate, *technical pure*	5.2	UN 2144	Organic Peroxide	II	1	5	Control temperature 20 deg C. Emergency temperature 25 deg C
*	tert-Butyl peroxy-2-ethylhexanoate, *maximum concentration 50%* with 2,2-di-(tert-butyl peroxy) butane *maximum concentration 35% and with at least 35% phlegmatizer*	5.2	UN 2886	Organic Peroxide	II	1	5	Control temperature 35 deg C. Emergency temperature 40 deg C
*	tert-Butyl peroxy-2-ethylhexanoate *maximum concentration 12%* with 2,2-di-(tert-butyl peroxy)butane *maximum concentration 14%, and with at least 14% phlegmatizer and 60% inert inorganic solid*	5.2	UN 2887	Organic Peroxide	II	1	5	
	tert-Butyl peroxy-2-ethyl hexanoate, *technical pure*	5.2	UN 2143	Organic Peroxide	II	1	5	Control temperature 20 deg C. Emergency temperature 25 deg C
	tert-Butyl peroxy-2-ethylhexanoate, *with at least 50% phlegmatizer*	5.2	UN 2888	Organic Peroxide	II	1	5	Control temperature 35 deg C. Emergency temperature 40 deg C
	tert-Butyl peroxyisobutyrate, *in a concentration of more than 52% to a maximum concentration of 77% in solution*	5.2	UN 2142	Organic Peroxide	II	1	5	Control temperature 15 deg C. Emergency temperature 20 deg C
	tert-Butyl peroxyisobutyrate, *maximum concentration 52% in solution*	5.2	UN 2562	Organic Peroxide	II	1	5	Emergency temperature 15 deg C. Emergency temperature 20 deg C
	tert-Butyl peroxy isopropyl carbonate, *technical pure*	5.2	UN 2103	Organic Peroxide	II	1	5	
	tert-Butyl peroxyneodecanoate, *maximum concentration 77% in solution*	5.2	UN 2177	Organic Peroxide	II	1	5	Control temperature 0 deg C. Emergency temperature 10 deg C
	tert-Butyl peroxyneodecanoate, *technical pure*	5.2	UN 2594	Organic Peroxide	II	1	5	Control temperature -5 deg C. Emergency temperature 5 deg C
	3-tert-Butylperoxy-3-phenyl phthalide, *technical pure*	5.2	UN 2596	Organic Peroxide	II	1	5	
	tert-Butyl peroxypivalate, *maximum concentration 77% in solution*	5.2	UN 2110	Organic Peroxide	II	1	5	Control temperature 0 deg C. Emergency temperature 10 deg C
	tert-Butyl peroxy-3,5,5-trimethyl hexanoate, *technical pure*	5.2	UN 2104	Organic Peroxide	II	1	5	
	Butylphenols, liquid	6.1	UN 2228	St. Andrews Cross	III	1,2	1,2	
	Butylphenols, solid	6.1	UN 2229	St. Andrews Cross	III	1,2	1,2	
	Butyl phosphoric acid. *See* Butyl acid phosphate							
	Butyl propionate	3.3	UN 1914	Flammable Liquid	II	1,2	1,2	
	Butyl toluenes	6.1	UN 2667	Poison, Flammable Liquid (only if flashpoint below 61 deg C)	III	1,2	1,2	Shade from radiant heat. If flashpoint below 61 deg C segregation same as for flammable liquids
	Butyl trichlorosilane	8	UN 1747	Corrosive, Flammable Liquid	II	1	1	Keep dry. Stow 'separated longitudinally by an intervening complete compartment or hold from' explosives. Segregation same as for flammable liquids
	Butyl vinyl ether, *inhibited*	3.2	UN 2352	Flammable Liquid	II	1,2	1	
	1,4-Butynediol	4.1	UN 2716	Flammable Solid	III	1,2	1	Stow 'separated from' mercury salts, strong acids, alkaline compounds and halides
	Butyraldehyde	3.2	UN 1129	Flammable Liquid	II	1,2	1	
	Butyraldoxime	3.3	UN 2840	Flammable Liquid	III	1,2	1,2	

172.102 Optional Hazardous Materials Table (Cont'd)

(1) Notes and Symbols	(2) Hazardous Materials Description and Proper Shipping Names	(3) IMCO Class	(4) Identification Number	(5) Label(s) required	(6) Packaging Group	(7) Vessel Stowage Requirements (a) Cargo vessel	(b) Passenger vessel	(c) Other requirements
	n-Butyric acid	8	UN 2820	Corrosive	III	1,3	1,3	Keep cool. Glass carboys in hampers prohibited under deck
	Butyric anhydride	8	UN 2739	Corrosive	III	1,2	1,2	
	Butyronitrile	3.2	UN 2411	Flammable Liquid, Poison	II	1,3	5	Keep cool
*	Butyryl chloride	3.2	UN 2353	Flammable Liquid, Corrosive	II	1	1	Keep dry. Shade from radiant heat
	Cacodylic acid	6.1	UN 1572	Poison	II	1,2	5	Stow 'away from' acids
	Cadmium compounds	6.1	UN 2570	Poison	I/II	1,2	1,2	Stow 'away from' living quarters
		6.1	UN 2570	St. Andrews Cross	III	1,2	1,2	Stow 'away from' living quarters
	Caesium hydroxide, solid	8	UN 2682	Corrosive	II	1,2	1,2	Keep dry
	Caesium hydroxide, solution	8	UN 2681	Corrosive	II	1,2	1,2	
	Caesium, *metal*	4.3	UN 1407	Dangerous When Wet	I	1,2	5	
	Caesium nitrate	5.1	UN 1451	Oxidizer	III	1,2	1,2	
	Caesium, *powdered. See* Pyrophoric metals							
	Calcium arsenate	6.1	UN 1573	Poison	II	1,2	1,2	
	Calcium arsenate and arsenite, *solid mixtures*	6.1	UN 1574	Poison	II	1,2	1,2	
	Calcium bisulphite, *solution. See* Calcium hydrogen sulphite, *solution*							
	Calcium carbide	4.3	UN 1402	Dangerous When Wet	II	1,2	1,2	Stow 'away from' copper, its alloys and its salts
	Calcium chlorate	5.1	UN 1452	Oxidizer	II	1,2	1,2	Stow 'away from' powdered metals and 'separated from' ammonium compounds
	Calcium chlorate, *aqueous* solution	5.1	UN 2429	Oxidizer	II	1,2	1	Stow 'away from' powdered metals and 'separated from' ammonium compounds
	Calcium chlorite	5.1	UN 1453	Oxidizer	II	1,2	1,2	Stow 'away from' powdered metals and cyanides, 'separated from' ammonium compounds
*	Calcium cyanamide, *containing more than 0.1% and not more than 0.5% of calcium carbide*	4.3	UN 1403	Dangerous When Wet	III	1,2	1,2	
*	Calcium cyanamide, *containing more than 0.5% of calcium carbide*	4.3	UN 1403	Dangerous When Wet	III	1,2	1,2	
	Calcium cyanide	6.1	UN 1575	Poison	I	1,2	1,2	
	Calcium hydride	4.3	UN 1404	Dangerous When Wet	I	1,2	5	
	Calcium hydrosulphite	4.2	UN 1923	Spontaneously Combustible	II	1,2	5	Keep dry
*	Calcium hypochlorate, hydrated *or* Calcium hypochlorite, hydrated mixtures *with not less than 5.5% but not more than 10% water*	5.1	UN 2880	Oxidizer	II	1,2	1,2	Stow 'away from' sources of heat where temperatures in excess of 55 deg C for a period of 24 hours or more will be encountered
*	Calcium hypochlorite, dry *or* Calcium hypochlorite mixtures, *with more than 39% available chlorine (8.8% available oxygen)*	5.1	UN 1748	Oxidizer	II	1,2	5	Stow 'separated from' ammonium compounds and 'away from' sources of heat
	Calcium hypochlorite mixtures, dry, *with more than 10%, but not more than 39% available chlorine*	5.1	UN 2208	Oxidizer	III	1,2	1,2	
	Calcium manganese silicon	4.3	UN 2844	Dangerous When Wet	III	1,2	1,2	
	Calcium, *metal and alloys, non-pyrophoric*	4.3	UN 1401	Dangerous When Wet	II	1,2	5	
	Calcium nitrate	5.1	UN 1454	Oxidizer	III	1,2	1,2	
	Calcium perchlorate	5.1	UN 1455	Oxidizer	II	1,2	1,2	Stow 'away from' powdered metals
	Calcium permanganate	5.1	UN 1456	Oxidizer	II	1,2	1,2	Stow 'separated from' ammonium compounds and hydrogen peroxide
	Calcium peroxide	5.1	UN 1457	Oxidizer	II	1,2	1,2	Keep dry
*	Calcium phosphide	4.3	UN 1360	Dangerous When Wet	I	1,2	5	
	Calcium, pyrophoric *or* Calcium alloys, pyrophoric	4.2	UN 1855	Spontaneously Combustible	II	1	5	
	Calcium resinate, fused	4.1	UN 1314	Flammable Solid	III	1,2	1,2	
	Calcium resinate, *technical pure*	4.1	UN 1313	Flammable Solid	III	1,2	1,2	
	Calcium silicide	4.3	UN 1405	Dangerous When Wet	II	1,2	1,2	
	Calcium silicon	4.3	UN 1406	Dangerous When Wet	III	1,2	1,2	
	Camphor, *natural or synthetic*	4.1	UN 2717	Flammable Solid	III	1,2	1,2	
	Camphor oil	3.3	UN 1130	Flammable Liquid	III	1,3	1,3	
	Capryloyl peroxide. *See* n-Octanoyl peroxide							
	Caps, blasting. *See* Blasting caps							
*	Carbamate pesticides, liquid, flammable, toxic, n.o.s., *flashpoint less than 23 deg C*	3.2	UN 2758	Flammable Liquid and Poison or St. Andrews Cross (according to toxicity)	I/II	1,2	1	
*	Carbamate pesticides, liquid, toxic, flammable, n.o.s., *flashpoint between 23 deg C and 61 deg C*	6.1	UN 2991	Poison, Flammable Liquid	I	1	1	Segregation same as for flammable liquids
		6.1	UN 2991	Poison, Flammable Liquid	II	1,2	1	Segregation same as for flammable liquids
		6.1	UN 2991	St. Andrews Cross, Flammable Liquid	III	1,2	1,2	Segregation same as for flammable liquids
*	Carbamate pesticides, liquid, toxic, n.o.s.	6.1	UN 2992	Poison	I	1	1	
		6.1	UN 2992	Poison	II	1,2	1	
		6.1	UN 2992	St. Andrews Cross	III	1,2	1,2	
*	Carbamate pesticides, solid, toxic, n.o.s.	6.1	UN 2757	Poison	I/II	1,2	1,2	
		6.1	UN 2757	St. Andrews Cross	III	1,2	1,2	
	Carbolic acid. *See* Phenols, Phenol solutions *or* Phenol, molten							
	Carbon, activated	4.2	UN 1362	Spontaneously Combustible	III	1,3	1,3	Keep cool. Stow 'away from' oily matter

172.102 Optional Hazardous Materials Table (Cont'd)

(1) Notes and Symbols	(2) Hazardous Materials Description and Proper Shipping Names	(3) IMCO Class	(4) Identification Number	(5) Label(s) required	(6) Packaging Group	(7) Vessel Stowage Requirements (a) Cargo vessel	(b) Passenger vessel	(c) Other requirements
*	Carbon, *animal or vegetable origin*	4.2	UN 1361	Spontaneously Combustible	III	1,3	1,3	Keep cool. Stow 'away from' oily matter
	Carbon bisulphide. *See* Carbon disulphide							
	Carbon dioxide	2.2	UN 1013	Nonflammable Gas	–	1,2	1,2	
*	Carbon dioxide and ethylene oxide mixtures *with more than 6% ethylene oxide*	2.3	UN 1041	Poison Gas, Flammable Gas	–	1,2	1	
*	Carbon dioxide and ethylene oxide mixtures *with not more than 6% ethylene oxide*	2.3	UN 1952	Poison Gas	–	1,2	1	
	Carbon dioxide and nitrous oxide, *mixtures*	2.2	UN 1015	Nonflammable Gas	–	1,2	1,2	
	Carbon dioxide and oxygen, *mixtures*	2.2	UN 1014	Nonflammable Gas	–	1,2	1,2	
	Carbon dioxide, refrigerated liquid	2.2	UN 2187	Nonflammable Gas	–	1,2	1	
*	Carbon dioxide, solid	9	UN 1845	None	III	1	1	Stow 'away from' living quarters
	Carbon disulphide	3.1	UN 1131	Flammable Liquid, Poison	I	1	5	Prohibited on any ship carrying explosives (except explosives in Division 1.4, Compatibility Group S). Keep cool
	Carbon monoxide	2.1	UN 1016	Flammable Gas, Poison Gas	–	1	5	Stow 'away from' living quarters
*	Carbon monoxide and hydrogen mixture	2.3	UN 2600	Poison Gas, Flammable Gas	–	1	5	
	Carbon paper. See Paper, *treated with unsaturated oils, incompletely dried*							
	Carbon remover, *liquid*	3.2	UN 1132	Flammable Liquid	II	1,2	1	
	Carbon sulphide. *See* Carbon disulphide							
	Carbon tetrabromide	6.1	UN 2516	St. Andrews Cross	III	1,2	1,2	Shade from radiant heat
	Carbon tetrachloride	6.1	UN 1846	Poison	I[1]	1,2	1,2	
	Carbonyl chloride. See Phosgene							
	Carbonyl fluoride	2.3	UN 2417	Poison Gas	-	1	5	Stow 'away from' living quarters
*	Carbonyl sulfide	2.3	UN 2204	Poison Gas, Flammable Gas		1	5	
*	*Cartridge cases. See* Cases, cartridges							
N	Cartridges, flash	1.1G	UN 0049	Explosive (1.1G)	–	–	–	
N	Cartridges, flash	1.3G	UN 0050	Explosive (1.3G)	–	–	–	
	Cartridges for weapons, blank	1.4 C	UN 0338	Explosive (1.4C)	–	1,3	1,3	
*N	Cartridges for weapons, blank	1.2C	UN 0413	Explosive (1.2C)	–	–	–	
N	Cartridges for weapons, blank	1.1C	UN 0326	Explosive (1.1C)	–	–	–	
N	Cartridges for weapons, blank	1.3C	UN 0327	Explosive (1.3C)	–	–	–	
*	Cartridges for weapons, blank *or* Cartridges, safety, blank	1.4 S	UN 0014	None. Package to be marked '1.4 S'	–	1,3	1,3	
	Cartridges for weapons, *other than blank*	1.4 S	UN 0012	None. Package to be marked '1.4 S'	–	1,3	1,3	
N	Cartridges for weapons, *with bursting charge*	1.1E	UN 0006	Explosive (1.1E)	–	–	–	
N	Cartridges for weapons, *with bursting charge*	1.2E	UN 0321	Explosive (1.2E)	–	–	–	
N	Cartridges for weapons, *with bursting charge*	1.1F	UN 0005	Explosive (1.1F)	–	–	–	
N	Cartridges for weapons, *with bursting charge*	1.2F	UN 0007	Explosive (1.2F)	–	–	–	
*	Cartridges for weapons, *with bursting charge*	1.4E	UN 0412	Explosive (1.4E)	–	1,3	1,3	
N	Cartridges for weapons, *with bursting charge*	1.4F	UN 0348	Explosive (1.4F)	–	–	–	
	Cartridges for weapons, with inert projectile	1.4 C	UN 0339	Explosive (1.4C)	–	1,3	1,3	
N	Cartridges for weapons, with inert projectile	1.2C	UN 0328	Explosive (1.2C)	–	–	–	
*N	Cartridges for weapons, with inert projectile	1.3C	UN 0417	Explosive (1.3C)	–	–	–	
	Cartridges, oil well	1.4 C	UN 0278	Explosive (1.4C)	–	1,3	1,3	
N	Cartridges, oil well	1.3C	UN 0277	Explosive (1.3C)	–	–	–	
	Cartridges, power device	1.4 C	UN 0276	Explosive (1.4C)	–	1,3	1,3	
	Cartridges, power device	1.4 S	UN 0323	None. Package to be marked '1.4 S'	–	1,3	1,3	
N	Cartridges, power device	1.2C	UN 0381	Explosive (1.2C)	–	–	–	
N	Cartridges, power device	1.3C	UN 0275	Explosive (1.3C)	–	–	–	
	Cartridges, safety. *See* Cartidges for weapons, *other than blank (UN 0012) or* Cartridges for weapons, blank *(UN 0014)*							
	Cartridges, signal	1.4 G	UN 0312	Explosive (1.4G)	–	1,3	1,3	
N	Cartridges, signal	1.3G	UN 0054	Explosive (1.3G)	–	–	–	
	Cartridges, signal	1.4S	UN 0405	None. Package to be marked '1.4S'	–	1.3	1,3	
	Cases, cartridge, empty, with primer	1.4C	UN 0379	Explosive (1.4C)	–	1,3	1,3	
	Cases, cartridges, empty, with primer	1.4 S	UN 0055	None. Package to be marked '1.4 S'	–	1,3	1,3	
	Casinghead gasoline	3.1	UN 1257	Flammable Liquid	II	1,3	5	Keep cool
	Castor beans, Castor meal, Castor pomace *or* Castor flake	9	UN 2969	None	II	1,2	5	Stow 'away from' living quarters, foodstuffs, and oxidizing substances
	Caustic alkali liquids, n.o.s.	8	UN 1719	Corrosive	II	1,2	1,2	
	Caustic potash. *See* Potassium hydroxide, *solution*							
	Caustic potash, solid. *See* Potassium hydroxide, *solid*							
	Celluloid, *in blocks, rods, rolls, sheets, tubes, etc. (scrap excluded)*	4.1	UN 2000	Flammable Solid	III	1,2	1,2	
	Celluloid, scrap	4.2	UN 2002	Spontaneously Combustible	III	1	5	
	Cement, *liquid. See* Adhesives, *containing a flammable liquid*							
	Cerium, crude, *powder*	4.1	UN 1333	Flammable Solid	II	1,2	5	Stow 'separated from' flammable substances and oxidizers

172.102 Optional Hazardous Materials Table (Cont'd)

(1) Notes and Symbols	(2) Hazardous Materials Description and Proper Shipping Names	(3) IMCO Class	(4) Identification Number	(5) Label(s) required	(6) Packaging Group	(7) Vessel Stowage Requirements (a) Cargo vessel	(b) Passenger vessel	(c) Other requirements
	Cerium, crude, *slabs or ingots*	4.1	UN 1333	Flammable Solid	III	1,2	1,2	Stow 'separated from' flammable substances and oxidizers
	Charcoal, activated. *See* Carbon, activated							
*	*Charcoal, non-activated, of animal or vegetable origin. See* Carbon, *of animal or vegetable origin*							
N	Charges, demolition	1.1D	UN 0048	Explosive (1.1D)	--	--	--	
N	Charges, depth	1.1D	UN 0056	Explosive (1.1D)	--	--	--	
N	Charges, propelling, for cannon	1.1C	UN 0279	Explosive (1.1C)	--	--	--	
*N	Charges, propelling, for cannon	1.2C	UN 0414	Explosive (1.2C)	--	--	--	
N	Charges, propelling, for cannon	1.3C	UN 0242	Explosive (1.3C)	--	--	--	
N	Charges, propelling, for rocket motors	1.1C	UN 0271	Explosive (1.1C)	--	--	--	
*N	Charges, propelling, for rocket motors	1.2C	UN 0415	Explosive (1.2C)	--	--	--	
N	Charges, propelling, for rocket motors	1.3C	UN 0272	Explosive (1.3C)	--	--	--	
N	Charges, propelling, for rocket motors, *composite mixture*	1.1C	UN 0273	Explosive (1.1C)	--	--	--	
*N	Charges, propelling, for rocket motors, *composite mixture*	1.2C	UN 0416	Explosive (1.2C)	--	--	--	
N	Charges, propelling, for rocket motors, *composite mixture*	1.3C	UN 0274	Explosive (1.3C)	--	--	--	
*N	Charges, shaped, commercial, *without detonator*	1.1D	UN 0059	Explosive (1.1D)	--	--	--	
	Charges, shaped, flexible, linear, *metal clad*	1.4 D	UN 0237	Explosive (1.4D)	--	1,3	1,3	
N	Charges, shaped, flexible, linear, *metal clad*	1.1D	UN 0288	Explosive (1.1D)	--	--	--	
N	Charges, supplementary, explosive	1.1D	UN 0060	Explosive (1.1D)	--	--	--	
	Chloral, *anhydrous, inhibited*	6.1	UN 2075	Poison	II	1	5	
*	Chlorate and borate, mixtures	5.1	UN 1458	Oxidizer	II	1,2	1,2	Stow 'away from' powdered metals and 'separated from' ammonium compounds
*	Chlorate and magnesium chloride, mixture	5.1	UN 1459	Oxidizer	II	1,2	1,2	Stow 'away from' powdered metals and 'separated from' ammonium compounds
*	Chlorates, inorganic, n.o.s.	5.1	UN 1461	Oxidizer	II	1,2	1,2	Stow 'away from' powdered metals and 'separated from' ammonium compounds
*	Chloric acid solution *with not more than 10% acid*	5.1	UN 2626	Oxidizer	II	1	5	Stow 'separated from' ammonium compounds and 'away from' finely powdered metals
*	Chlorine	2.3	UN 1017	Poison Gas	--	1	5	Stow 'separated from' acetylene, ammonia, diborane and hydrogen
	Chlorine pentafluoride	2.3	UN 2548	Poison Gas, Oxidizer, Corrosive	--	1	5	Stow 'away from' combustible materials
	Chlorine trifluoride	2.3	UN 1749	Poison Gas, Oxidizer, Corrosive	--	1,2	5	Stow 'away from' food stuffs and living quarters
*	Chlorites, inorganic, n.o.s.	5.1	UN 1462	Oxidizer	II	1,2	1,2	Stow 'away from' powdered metals and cyanides, 'separated from' ammonium compounds
	Chloroacetaldehyde	6.1	UN 2232	Poison	II	1	5	
	Chloroacetic acid, *liquid*	8	UN 1750	Corrosive	II	1,2	1,2	Glass carboys in hampers not permitted under deck
*	Chloroacetic acid, solid	8	UN 1751	Corrosive	II	1,2	1,2	Keep dry
	Chloroacetone, *stabilized*	6.1	UN 1695	Poison	II	1	5	Stow 'away from' living quarters
	Chloroacetonitrile	6.1	UN 2668	Poison, Flammable Liquid	II	1,3	1,3	Keep cool. Shade from radiant heat. Stow 'away from' acids. Segregation same as for flammable liquids
	Chloroacetophenone	6.1	UN 1697	Poison	II	1	5	Keep cool. Stow 'away from' living quarters
	Chloroacetyl chloride	8	UN 1752	Corrosive	II	1	5	Keep dry
	Chloroanilines, *liquid*	6.1	UN 2019	Poison	II	1,2	1,2	
	Chloroanilines, *solid*	6.1	UN 2018	Poison	II	1,2	1,2	
	p-Chloro-o-anisidine	6.1	UN 2233	St. Andrews Cross	III	1,2	1,2	
	Chlorobenzene	3.3	UN 1134	Flammable Liquid	II	1,3	1,3	
	Chlorobenzotrifluorides	3.3	UN 2234	Flammable Liquid	III	1,2	1,2	
	p-Chlorobenzoyl peroxide. *See* Di-(4-chlorobenzoyl) peroxide				--	--	--	
	p-Chlorobenzyl chloride	6.1	UN 2235	St. Andrews Cross	III	1,2	1,2	
	1-Chloro-3-bromopropane	6.1	UN 2688	St. Andrews Cross	III	1,2	1,2	
	Chlorobutanes	3.2	UN 1127	Flammable Liquid	II	1,2	1	
	Chlorocresols	6.1	UN 2669	Poison	II	1,3	1,3	Keep cool. Stow 'away from' living quarters
	Chlorodifluorobromomethane	2.2	UN 1974	Nonflammable Gas	--	1,2	1,2	
	Chlorodifluoroethanes	2.1	UN 2517	Flammable Gas	--	1,2	1	Stow 'away from' living quarters
	Chlorodifluoromethane	2.2	UN 1018	Nonflammable Gas	--	1,2	1,2	
	Chlorodifluoromethane and chloropentafluoroethane, *mixture with a fixed boiling point containing about 49% of chlorodifluoromethane*	2.2	UN 1973	Nonflammable Gas	--	1,2	1,2	
	Chlorodinitrobenzene	6.1	UN 1577	Poison	II	1,2	1,2	
	Chloroform	6.1	UN 1888	Poison	II	1,2	1,2	
	Chloroformates, n.o.s., *with a flashpoint not less than 23 deg C*	6.1	UN 2742	Poison, Corrosive, Flammable Liquid (only if flashpoint below 61 deg C)	II	1,3	1,3	Keep cool and dry. Shade from radiant heat. Stow 'away from' living quarters. If flashpoint below 61, segregation same as for flammable liquids
	Chloromethylchloroformate	6.1	UN 2745	Poison, Corrosive	II	1,3	1,3	Keep cool and dry. Shade from radiant heat. Stow 'away from' living quarters
	Chloromethyl ethyl ether	3.2	UN 2354	Flammable Liquid, Poison	II	1,3	5	Keep cool
	3-Chloro-4-methylphenyl isocyanate	6.1	UN 2236	Poison	II	1,2	1,2	Shade from radiant heat
	Chloronitroanilines	6.1	UN 2237	St. Andrews Cross	III	1,2	1,2	
	Chloronitrobenzenes *(o-, m-, p-)*	6.1	UN 1578	Poison	II	1,2	1,2	
	Chloro-o-nitrotoluene	6.1	UN 2433	St. Andrews Cross	III	1,2	1,2	

172.102 Optional Hazardous Materials Table (Cont'd)

(1) Notes and Symbols	(2) Hazardous Materials Description and Proper Shipping Names	(3) IMCO Class	(4) Identification Number	(5) Label(s) required	(6) Packaging Group	(7) Vessel Stowage Requirements (a) Cargo vessel	(b) Passenger vessel	(c) Other requirements
	Chloropentafluoroethane	2.2	UN 1020	Nonflammable Gas	–	1,2	1,2	
*	3-Chloroperoxybenzoic acid, *maximum concentration 86%*	5.2	UN 2755	Organic Peroxide	II	1	5	
	Chlorophenates, liquid	8	UN 2904	Corrosive	III	1,2	1,2	
	Chlorophenates, solid	8	UN 2905	Corrosive	III	1,2	1,2	
	Chlorophenols, liquid	6.1	UN 2021	St. Andrews Cross	III	1,2	1,2	
	Chlorophenols, solid	6.1	UN 2020	St. Andrews Cross	III	1,2	1,2	
	Chlorophenyl trichlorosilane	8	UN 1753	Corrosive	II	1	1	Keep dry
*	Chloropicrin	6.1	UN 1580	Poison	I	1	5	Stow 'away from' living quarters
	Chloropicrin and methyl bromide, *mixtures*	2.3	UN 1581	Poison Gas	–	1	5	Shade from radiant heat. Stow 'away from' living quarters
	Chloropicrin and methyl chloride, *mixtures*	2.3	UN 1582	Poison Gas	–	1	5	Shade from radiant heat. Stow 'away from' living quarters
*	Chloropicrin mixtures, n.o.s.	6.1	UN 1583	Poison	I/II	1	1	Stow 'away from' living quarters
		6.1	UN 1583	St. Andrews Cross	III	1	1	
	Chloroplatinic acid, solid	8	UN 2507	Corrosive	III	1,2	1,2	
	Chloroprene, inhibited	3.2	UN 1991	Flammable Liquid, Poison	I	1,2	1	
	2-Chloropropane	3.1	UN 2356	Flammable Liquid	I	1,3	5	Keep cool
	3-Chloropropanol-1	6.1	UN 2849	St. Andrews Cross	III	1,2	1,2	
	2-Chloropropene	3.1	UN 2456	Flammable Liquid	I	1,3	5	Keep cool
	Chloropropionic acid	8	UN 2511	Corrosive	III	1,2	1,2	Glass carboys prohibited on passenger vessels
*	2-Chloropyridine	6.1	UN 2822	Poison	II	1,2	1,2	Stow 'away from' living quarters
	Chlorosulphonic acid, *with or without sulphur trioxide*	8	UN 1754	Corrosive	I	1	1	Glass carboys prohibited on passenger vessels
	Chlorotetrafluoroethane	2.2	UN 1021	Nonflammable Gas	–	1,2	1,2	
	Chlorotoluenes *(o-, m-, p-)*	3.3	UN 2238	Flammable Liquid	III	1,2	1,2	
	4-Chloro-o-toluidine hydrochloride	6.1	UN 1579	St. Andrews Cross	III	1,2	1,2	
	Chlorotoluidines	6.1	UN 2239	St. Andrews Cross	III	1,2	1,2	
	Chlorotrifluoroethane	2.2	UN 1983	Nonflammable Gas	–	1,2	1,2	
	Chlorotrifluoroethane. See Trifluorochloroethane							
	Chlorotrifluoroethylene. See Trifluorochloroethylene							
	Chlorotrifluoromethane	2.2	UN 1022	Nonflammable Gas	–	1,2	1,2	
	Chlorotrifluoromethane and trifluormethane azeotropic mixture *with approximately 60% chlorotrifluoromethane*	2.2	UN 2599	Nonflammable Gas	–	1,2	1,2	
*	Chromic acid, solid. *See* Chromium trioxide, anhydrous							
	Chromic acid, *solution*	8	UN 1755	Corrosive	II	1	1	
*	Chromic anhydride. *See* Chromium trioxide, anhydrous							
*	Chromic fluoride, solid	8	UN 1756	Corrosive	II	1,2	1,2	
*	Chromic fluoride, solution	8	UN 1757	Corrosive	II	1,2	1,2	
	Chromium nitrate	5.1	UN 2720	Oxidizer	III	1,2	1,2	
	Chromium oxychloride	8	UN 1758	Corrosive	I	1	1	Keep dry. Glass carboys prohibited on passenger vessels
*	Chromium trioxide, anhydrous	5.1	UN 1463	Oxidizer, Corrosive	II	1,2	1,2	Stow 'separated from' flammable substances and 'away from' foodstuffs
	Chromosulphuric acid	8	UN 2240	Corrosive	I	1,2	1	Carboys not permitted on passenger vessels and permitted only on deck on cargo vessels
	Chrysotile. See Asbestos, white							
	Cigarettes, *self-lighting*	4.1	UN 1867	Flammable Solid	III	1,2	1,2	Keep dry
	Cleaning compound. *See* Flammable liquid preparations, n.o.s.							
*	Coal gas	2.3	UN 1023	Poison Gas, Flammable Gas	–	1	5	
*	Coal tar distillate	3.2	UN 1136	Flammable Liquid	II	1,2	1	
		3.3	UN 1136	Flammable Liquid	III	1,2	1,2	
	Coal tar naphtha	3.2	UN 2553	Flammable Liquid	II	1,2	1	
	Coal tar oil. *See* Coal tar distillate							
	Coating solution	3.2	UN 1139	Flammable Liquid	II	1,2	1	
		3.3	UN 1139	Flammable Liquid	II	1,2	1,2	
	Cobalt naphthenates, *powder*	4.1	UN 2001	Flammable Solid	III	1,2	1,2	
	Cobalt resinate, *precipitated*	4.1	UN 1318	Flammable Solid	III	1,2	1,2	
	Cocculus, *solid*	6.1	UN 1584	Poison	II	1,2	1,2	
	Cologne spirits. *See* Ethanol							
	Columbian spirits. *See* Methanol							
	Components, explosive train, n.o.s.	1.4B	UN 0383	Explosive (1.4B)	–	1,3	1,3	
	Components, explosive train, n.o.s.	1.4S	UN 0384	None. Package to be marked '1.4S'	–	1,3	1,3	
N	Components, explosive train, n.o.s.	1.2B	UN 0382	Explosive (1.2B)	–	–	–	
*	Compressed *or* liquefied gases, flammable, *non-toxic*, n.o.s.	2.1	UN 1954	Flammable Gas	–	1	5	Stow 'away from' living quarters
*	Compressed *or* liquefied gases, flammable, toxic, n.o.s.	2.1	UN 1953	Flammable Gas, Poison Gas	–	1	5	Stow 'away from' living quarters
*	Compressed *or* liquefied gases, *non-flammable, non-toxic*, n.o.s.	2.2	UN 1956	Nonflammable Gas	–	1,2	1,2	
*	Compressed *or* liquefied gases, *non-flammable*, toxic, n.o.s.	2.3	UN 1955	Poison Gas	–	1	5	Stow 'away from' living quarters
N	Contrivances, water-activated, *with burster, expelling charge or propelling charge*	1.2L	UN 0248	Explosive (1.2L), Dangerous When Wet	–	–	–	
N	Contrivances, water-activated, *with burster, expelling charge or propelling charge*	1.3L	UN 0249	Explosive (1.3L), Dangerous When Wet	–	–	–	

172.102 Optional Hazardous Materials Table (Cont'd)

(1) Notes and Symbols	(2) Hazardous Materials Description and Proper Shipping Names	(3) IMCO Class	(4) Identification Number	(5) Label(s) required	(6) Packaging Group	(7) Vessel Stowage Requirements (a) Cargo vessel	(b) Passenger vessel	(c) Other requirements
	Copper acetoarsenite	6.1	UN 1585	Poison	II	1,2	1,2	
	Copper arsenite	6.1	UN 1586	Poison	II	1,2	1,2	
*	Copper based pesticides, liquid, flammable, toxic, n.o.s. *flashpoint less than 23 deg C*	3.2	UN 2776	Flammable Liquid and Poison or St. Andrews Cross (according to toxicity)	I/II	1,2	1	
*	Copper based pesticides, liquid, toxic, flammable, n.o.s., *flashpoint between 23 deg C and 61 deg C*	6.1	UN 3009	Poison, Flammable Liquid	I	1	1	Segregation same as for flammable liquids
		6.1	UN 3009	Poison, Flammable Liquid	II	1,2	1	Segregation same as for flammable liquids
		6.1	UN 3009	St. Andrews Cross, Flammable Liquid	III	1,2	1,2	Segregation same as for flammable liquids
*	Copper based pesticides, liquid, toxic, n.o.s.	6.1	UN 3010	Poison	I	1	1	
		6.1	UN 3010	Poison	II	1,2	1	
		6.1	UN 3010	St. Andrews Cross	III	1,2	1,2	
*	Copper based pesticides, solid, toxic, n.o.s.	6.1	UN 2775	Poison	I/II	1,2	1,2	
		6.1	UN 2775	St. Andrews Cross	III	1,2	1,2	
	Copper chlorate	5.1	UN 2721	Oxidizer	II	1,2	1,2	Stow 'separated from' ammonium compounds and 'away from' finely powdered metals
	Copper cyanide	6.1	UN 1587	Poison	II	1,2	1,2	Stow 'away from' acids
	Copra	4.2	UN 1363	None. Package to be marked 'Class 4.2'	III	1,2	1,2	Keep dry. Protect from sparks and open flame
	Cord, detonating, *flexible*	1.4 D	UN 0289	Explosive (1.4D)	–	1,3	1,3	
N	Cord, detonating, *flexible*	1.1D	UN 0065	Explosive (1.1D)	–	–	–	
N	Cord, detonating, *metal clad*	1.1D	UN 0290	Explosive (1.1D)	–	–	–	
N	Cord, detonating, *metal clad*	1.2D	UN 0102	Explosive (1.2D)	–	–	–	
	Cord, detonating, mild effect, *metal clad*	1.4 D	UN 0104	Explosive (1.4D)	–	1,3	1,3	
	Cord, igniter	1.4 G	UN 0066	Explosive (1.4G)	–	1,3	1,3	
*	Corrosive liquids, flammable, n.o.s.	8	UN 2920	Corrosive, Flammable Liquid	I/II	1	1	Segregation same as for flammable liquids. Keep cool. Shade from radiant heat
*	Corrosive liquids, n.o.s.	8	UN 1760	Corrosive	I/II	1,2	1	
		8	UN 1760	Corrosive	III	1,2	1,2	
*	Corrosive liquids, poisonous, n.o.s.	8	UN 2922	Corrosive, Poison	I/II	1,2	1	Stow 'away from' living quarters
*	Corrosive solids, flammable, n.o.s.	8	UN 2921	Corrosive, Flammable Solid	I/II	1,3	1	Keep cool. Shade from radiant heat
*	Corrosive solids, n.o.s.	8	UN 1759	Corrosive	I	1,2	1	Keep dry
		8	UN 1759	Corrosive	II/III	1,2	1,2	Keep dry
*	Corrosive solids, poisonous, n.o.s.	8	UN 2923	Corrosive, Poison	I/II	1,2	1	Keep dry. Stow 'away from' living quarters
*	Cosmetics. *See* Perfumery products							
	Cotton, dry. *See* Fibres, *vegetable, dry*							
*	Cotton waste, oily *impregnated with less than 5% of animal or vegetable oil*	4.2	UN 1364	Spontaneously Combustible	III	1,2	1,2	Stow 'separated from' explosives
*	Cotton waste, oily *impregnated with 5%, or more, of animal or vegetable oil*	4.2	UN 1364	Spontaneously Combustible	III	1,2	1,2	Keep dry. Stow 'separated from' explosives, animal oils or vegetable oils
	Cotton, *wet or contaminated*	4.2	UN 1365	Spontaneously Combustible	III	1,2	1,2	Keep dry
	Cresols *(o-, m-, p-)*	6.1	UN 2076	Poison	II	1,2	1,2	
	Cresylic acid	6.1	UN 2022	Poison	II	1,2	1,2	
	Crocidolite. *See* Asbestos, blue							
	Crotonaldehyde, inhibited	3.2	UN 1143	Flammable Liquid	II	1,2	1	
	Crotonic acid	8	UN 2823	Corrosive	III	1,3	1,3	Keep cool
	Crotonylene	3.1	UN 1144	Flammable Liquid	I	1,3	5	Keep cool
	Cumene hydroperoxide. *See* Cumyl hydroperoxide				–	–	–	
	Cumyl hydroperoxide, *technical pure*	5.2	UN 2116	Organic Peroxide	I	1	5	
*	Cumyl peroxyneodecanoate, *maximum concentration 77% in solution*	5.2	UN 2963	Organic Peroxide	II	1	5	Control temperature -10 deg C. Emergency temperature 0 deg C
*	Cumyl peroxypivalate, *maximum concentration 77% in solution*	5.2	UN 2964	Organic Peroxide	II	1	5	Control temperature -5 deg C. Emergency temperature 5 deg C
	Cupric cyanide. See Copper cyanide							
*	Cupriethylenediamine, solution	8	UN 1761	Corrosive, Poison	II	1,2	1,2	
	Cut-backs, *asphalt or bitumen*	3.2	UN 1999	Flammable Liquid	II	1,2	1	
		3.3	UN 1999	Flammable Liquid	II	1,2	1,2	
	Cutters, cable, explosive	1.4 S	UN 0070	None. Package to be marked '1.4 S'	–	1,3	1,3	
	Cyanide mixtures. *See* Cyanides, *(inorganic)*, n.o.s.							
	Cyanides, inorganic, n.o.s.	6.1	UN 1588	Poison	I/II	1,2	1,2	Stow 'away from' acids.
		6.1	UN 1588	St. Andrews Cross	III	1,2	1,2	Stow 'away from' acids
	Cyanide, solutions	6.1	UN 1935	Poison	I	1,2	1,2	Stow 'away from' living quarters and acids
	Cyanogen	2.3	UN 1026	Poison Gas, Flammable Gas	–	1	5	Stow 'away from' foodstuffs and living quarters
	Cyanogen bromide	6.1	UN 1889	Poison, Corrosive	I	1	5	Shade from radiant heat. Segregation same as for corrosives
	Cyanogen chloride, *inhibited*	2.3	UN 1589	Poison Gas	–	1	5	
*	Cyanuric chloride	8	UN 2670	Corrosive	III	1,3	1,3	Keep dry and cool
	Cyclobutane	2.1	UN 2601	Flammable Gas	–	1,2	1	

172.102 Optional Hazardous Materials Table (Cont'd)

(1) Notes and Symbols	(2) Hazardous Materials Description and Proper Shipping Names	(3) IMCO Class	(4) Identification Number	(5) Label(s) required	(6) Packaging Group	(7) Vessel Stowage Requirements (a) Cargo vessel	(b) Passenger vessel	(c) Other requirements
	Cyclobutylchloroformate	6.1	UN 2744	Poison, Corrosive, Flammable Liquid	II	1,3	1,3	Keep cool and dry. Shade from radiant heat. Stow 'away from' living quarters. Segregation same as for flammable liquids
*	1,5,9-Cyclododecatriene	8	UN 2518	Corrosive	II	1,2	5	Stow 'away from' living quarters
	Cycloheptane	3.2	UN 2241	Flammable Liquid	II	1,2	1	
	Cycloheptatriene	3.2	UN 2603	Flammable Liquid, Poison	II	1,3	5	Keep cool
	Cycloheptene	3.2	UN 2242	Flammable Liquid	II	1,2	1	
	Cyclohexane	3.1	UN 1145	Flammable Liquid	II	1,3	5	Keep cool
	Cyclohexanone	3.3	UN 1915	Flammable Liquid	III	1,2	1,2	
	Cyclohexanone peroxides, *in a concentration of more than 90% with less than 10% water*	5.2	UN 2117	Organic Peroxide	I	1	5	
	Cyclohexanone peroxides, *maximum concentration 90%, with at least 10% water*	5.2	UN 2119	Organic Peroxide	I	1	5	
	Cyclohexanone peroxides, *maximum concentration 72% and containing not more than 9% available oxygen, in solution*	5.2	UN 2118	Organic Peroxide	I	1	5	
	Cyclohexanone peroxides, *maximum concentration 72% and containing not more than 9% available oxygen, as a paste*	5.2	UN 2896	Organic Peroxide	II	1	5	
	Cyclohexene	3.1	UN 2256	Flammable Liquid	II	1,3	5	Keep cool
	Cyclohexene	3.2	UN 2256	Flammable Liquid	II	1,2	1	
	Cyclohexenyl trichlorosilane	8	UN 1762	Corrosive	II	1	1	Keep dry
	Cyclohexyl acetate	3.3	UN 2243	Flammable Liquid	III	1,2	1,2	
	Cyclohexylamine	3.2	UN 2357	Flammable Liquid, Corrosive	II	1,2	1	
		3.3	UN 2357	Flammable Liquid, Corrosive	II	1,2	1,2	
	Cyclohexyl isocyanate	6.1	UN 2488	Poison, Flammable Liquid	II	1	5	Shade from radiant heat. Stow 'away from' living quarters. Segregation same as for flammable liquids
	Cyclohexyl trichlorosilane	8	UN 1763	Corrosive	II	1	1	Keep dry
	Cyclooctadienes	3.3	UN 2520	Flammable Liquid	II	1,2	1,2	
	Cyclooctatetraene	3.2	UN 2358	Flammable Liquid	II	1,2	1	
	Cyclopentane	3.1	UN 1146	Flammable Liquid	II	1,3	5	Keep cool
	Cyclopentanol	3.3	UN 2244	Flammable Liquid	III	1,2	1,2	
	Cyclopentanone	3.3	UN 2245	Flammable Liquid	II	1,2	1,2	
	Cyclopentene	3.1	UN 2246	Flammable Liquid	II	1,3	5	Keep cool
*	Cyclopropane, liquefied	2.1	UN 1027	Flammable Gas	–	1,2	1	
*N	Cyclotetramethylenetetranitramine, wetted *with not less than 25% water, by weight*, or desensitized *with not less than 10% phlegmatizer, by weight*	1.1D	UN 0226	Explosive (1.1D)	–	–	–	
*N	Cyclotrimethylenetrinitramine and cyclotetramethylenetetranitramine, mixtures, wetted *with not less than 25% water, by weight*, or desensitized *with not less than 10% phlegmatizer, by weight*	1.1D	UN 0391	Explosive (1.1D)	–	–	–	
*N	Cyclotrimethylenetrinitramine, wetted *with not less than 25% water, by weight*, or desensitized *with not less than 10% phlegmatizer, by weight*	1.1D	UN 0072	Explosive (1.1D), Corrosive	–	–	–	
	Cymenes	3.3	UN 2046	Flammable Liquid	II	1,2	1,2	
	Decaborane	4.1	UN 1868	Flammable Solid, Poison	II	1,2	1,2	
	Decahydronaphthalene	3.3	UN 1147	Flammable Liquid	II	1,2	1,2	
	Decalin. See Decahydronaphthalene							
	n-Decane	3.3	UN 2247	Flammable Liquid	III	1,2	1,2	
N	Deflagrating metal salts of aromatic nitro-derivatives, n.o.s.	1.3C	UN 0132	Explosive (1.3C)	–	–	–	
*	Detonator assemblies, non-electric, *for blasting*	1.4B	UN 0361	Explosive (1.4B)	–	1,3	1,3	
*N	Detonator assemblies, non-electric, *for blasting*	1.1B	UN 0360	Explosive (1.1B)	–	–	–	
*	Detonators, electric, *for blasting*	1.4 B	UN 0255	Explosive (1.4B)	–	1,2	5	
*N	Detonators, electric, *for blasting*	1.1B	UN 0030	Explosive (1.1B)	–	–	–	
	Detonators for ammunition	1.4B	UN 0365	Explosive (1.4B)	–	1,3	1,3	
	Detonators for ammunition	1.4S	UN 0366	None. Package to be marked '1.4S'	–	1,3	1,3	
N	Detonators for ammunition	1.1B	UN 0073	Explosive (1.1B)	–	–	–	
N	Detonators for ammunition	1.2B	UN 0364	Explosive (1.2B)	–	–	–	
*	Detonators, non-electric, *for blasting*	1.4 B	UN 0267	Explosive (1.4B)	–	1,2	5	
*N	Detonators, non-electric, *for blasting*	1.1B	UN 0029	Explosive (1.1B)	–	–	–	
*	Deuterium	2.1	UN 1957	Flammable Gas	–	1,2	5	
	Diacetone alchohol	3.2	UN 1148	Flammable Liquid	II	1,2	1	
		3.3	UN 1148	Flammable Liquid	II	1,2	1,2	
	Diacetone alcohol peroxides, *maximum 57% in solution with maximum 9% hydrogen peroxide, minimum 26% diacetone alcohol and minimum 9% water; total active oxygen content maximum 10%*	5.2	UN 2163	Organic Peroxide	I	1	5	Control temperature 30 deg C. Emergency temperature 35 deg C
	Diallylamine	3.2	UN 2359	Flammable Liquid	II	1,2	1	
	Diallylether	3.2	UN 2360	Flammable Liquid, Poison	II	1,3	5	Keep cool
	4,4'-Diaminodiphenyl methane	6.1	UN 2651	St. Andrews Cross	III	1,2	1,2	
	Di-n-amylamine	6.1	UN 2841	St. Andrews Cross, Flammable Liquid	III	1,3	1,3	Keep cool. Shade from radiant heat. Segregation same as for flammable liquids
N	Diazodinitrophenol, *containing, by weight, at least 40% water or mixture of alcohol and water*	1.1A	UN 0074	Explosive (1.1A)	–	–	–	
	Dibenzyldichlorosilane	8	UN 2434	Corrosive	II	1	1	Keep dry

172.102 Optional Hazardous Materials Table (Cont'd)

(1) Notes and Symbols	(2) Hazardous Materials Description and Proper Shipping Names	(3) IMCO Class	(4) Identification Number	(5) Label(s) required	(6) Packaging Group	(7) Vessel Stowage Requirements (a) Cargo vessel	(b) Passenger vessel	(c) Other requirements
	Dibenzyl peroxydicarbonate, *maximum concentration 87% with water*	5.2	UN 2149	Organic Peroxide	I	1	5	Control temperature 25 deg C. Emergency temperature 30 deg C
*	Diborane	2.1	UN 1911	Flammable Gas, Poison Gas	--	1	5	Stow 'separated from' chlorine and oxidizers
	Dibromobenzene	3.3	UN 2711	Flammable Liquid	III	1,2	1,2	
	1,2-Dibromobutan-3-one	6.1	UN 2648	Poison	II	1,2	1	
	1,2-Dibromo-3-chloropropane	6.1	UN 2872	St. Andrews Cross	III	1,2	1,2	
	Dibromodifluoromethane	9	UN 1941	None	III	1,2	1,2	Shade from radiant heat. Stow 'away from' foodstuffs
	Dibromomethane	6.1	UN 2664	St. Andrews Cross	III	1,2	1,2	
	Di-(n-butyl)amine	8	UN 2248	Corrosive, Flammable Liquid	II	1,2	1,2	Segregation same as for flammable liquids
	N,N-Di-n-butylaminoethanol	6.1	UN 2873	St. Andrews Cross	III	1,2	1,2	
*	Di-(4-tert-butylcyclohexyl) peroxydicarbonate, *maximum concentration 42%, stable dispersion in water*	5.2	UN 2894	Organic Peroxide	II	1	5	Control temperature 25 deg C. Emergency temperature 30 deg C
*	Di-(4-tert-butylcyclohexyl) peroxydicarbonate, *technical pure*	5.2	UN 2154	Organic Peroxide	II	1	5	Control temperature 30 deg C. Emergency temperature 35 deg C
	Dibutyl ethers	3.3	UN 1149	Flammable Liquid	III	1,2	1,2	
	Di-tert-butyl peroxide, *technical pure*	5.2	UN 2102	Organic Peroxide, Flammable Liquid	II	1	5	
*	2,2-Di-(tert-butylperoxy) butane, *maximum concentration 55% in solution*	5.2	UN 2111	Organic Peroxide	II	1	5	
*	1,1-Di-(tert-butylperoxy) cyclohexane, *maximum concentration 77% in solution*	5.2	UN 2130	Organic Peroxide	II	1	5	
*	1,1-Di-(tert-butylperoxy) cyclohexane, *technical pure*	5.2	UN 2179	Organic Peroxide	II	1	5	
*	1,1-Di-(tert-butylperoxy) cyclohexane *with at least 13% phlegmatizer and 47% inert inorganic solid*	5.2	UN 2885	Organic Peroxide	II	1	5	
*	1,1-Di-(tert-butylperoxy) cyclohexane *with at least 50% phlegmatizer*	5.2	UN 2897	Organic Peroxide	II	1	5	
	Di-sec-butyl peroxydicarbonate, *maximum concentration 52% in solution*	5.2	UN 2151	Organic Peroxide	II	1	5	Control temperature -15 deg C. Emergency temperature -5 deg C
	Di-sec-butyl peroxydicarbonate, *technical pure*	5.2	UN 2150	Organic Peroxide	I	1	5	Control temperature -20 deg C. Emergency temperature -10 deg C
*	1,4-Di-(2-tert-butylperoxy isopropyl) benzene, *or* ,1,3-di-(2-tert-butylperoxy isopropyl) benzene, *or* mixtures *thereof, technical pure or in a concentration of more than 40% with inert solid*	5.2	UN 2112	Organic Peroxide	II	1	5	
	Di-(tert-butylperoxy)phthalate, *maximum concentration 55% as a paste*	5.2	UN 2108	Organic Peroxide	II	1	5	
	Di-(tert-butylperoxy)phthalate, *maximum concentration 55% in solution*	5.2	UN 2107	Organic Peroxide	II	1	5	
	Di-(tert-butylperoxy)phthalate, *technical pure*	5.2	UN 2106	Organic Peroxide	II	1	5	
*	2,2-Di-(tert-butylperoxy) propane, *with at least 50% phlegmatizer*	5.2	UN 2883	Organic Peroxide	II	1	5	
*	2,2-Di-(tert-butylperoxy) propane, *with at least 13% phlegmatizer and 47% inert inorganic solid*	5.2	UN 2884	Organic Peroxide	II	1	5	
*	1,1-Di-(tert-butylperoxy)-3,3,5-trimethyl cyclohexane, *technical pure*	5.2	UN 2145	Organic Peroxide	II	1	5	
*	1,1-Di-(tert-butylperoxy)-3,3,5-trimethyl cyclohexane, *maximum concentration 57% in solvent*	5.2	UN 2146	Organic Peroxide	II	1	5	
*	1,1-Di-(tert-butylperoxy)-3,3,5-trimethyl cyclohexane, *maximum concentration 58% with inert solid*	5.2	UN 2147	Organic Peroxide	II	1	5	
	Dicetyl peroxydicarbonate *maximum concentration 42%, stable dispersion in water*	5.2	UN 2985	Organic Peroxide	II	1	5	Control temperature 25 deg C. Emergency temperature 30 deg C
	Dicetyl peroxydicarbonate, *technical pure*	5.2	UN 2164	Organic Peroxide	II	1	5	Control temperature 20 deg C. Emergency temperature 25 deg C
	Dichloroacetic acid	8	UN 1764	Corrosive	II	1,2	1,2	Glass carboy in hampers not permitted under deck
	1,3-Dichloroacetone	6.1	UN 2649	Poison	II	1,3	1	Keep cool. Stow 'away from' living quarters
	Dichloroacetyl chloride	8	UN 1765	Corrosive	II	1	5	Keep dry
	Dichloroanilines	6.1	UN 1590	Poison	II	1,2	1,2	Stow 'away from' acids
*	o-Dichlorobenzene	6.1	UN 1591	St. Andrews Cross	III	1,2	1,2	
	p-Dichlorobenzene	6.1	UN 1592	St. Andrews Cross	III	1,2	1,2	
	Di-(4-chlorobenzoyl) peroxide, *maximum concentration 52% as a paste*	5.2	UN 2114	Organic Peroxide	II	1	5	
	Di-(4-chlorobenzoyl) peroxide, *maximum concentration 52% in solution*	5.2	UN 2115	Organic Peroxide	II	1	5	
	Di-(4-chlorobenzoyl) peroxide, *maximum concentration 75% with water*	5.2	UN 2113	Organic Peroxide	II	1	5	
	Dichlorodifluoromethane	2.2	UN 1028	Nonflammable Gas	--	1,2	1,2	
	Dichlorodifluoromethane and difluoroethane, azeotropic mixture, *with approximately 74% dichlorodifluoromethane*	2.2	UN 2602	Nonflammable Gas	--	1,2	1,2	
*	Dichlorodimethyl ether, symmetrical	6.1	UN 2249	Poison, Flammable Liquid	I	1	5	Stow 'away from' living quarters
	1,1-Dichloroethane	3.2	UN 2362	Flammable Liquid	II	1,2	1	
	Dichloroethylene	3.2	UN 1150	Flammable Liquid	II	1,2	1	
*	Dichloroethyl ether	6.1	UN 1916	Poison	II	1,2	1,2	
*	Dichloroisocyanuric acid, dry *or* Dichloroisocyanuric acid salts	5.1	UN 2465	Oxidizer	II	1,2	1,2	
	Dichloroisopropyl ether	6.1	UN 2490	Poison	II	1,2	1	
	Dichloromethane	6.1	UN 1593	St. Andrews Cross	III	1,2	1,2	Shade from radiant heat
	Dichloromonofluoromethane	2.2	UN 1029	Nonflammable Gas	--	1,2	1,2	
	1,1-Dichloro-1-nitroethane	6.1	UN 2650	Poison	II	1,3	1,3	Keep cool. Stow 'away from' living quarters
	Dichloropentanes	3.3	UN 1152	Flammable Liquid	II	1,2	1,2	

172.102 Optional Hazardous Materials Table (Cont'd)

(1) Notes and Symbols	(2) Hazardous Materials Description and Proper Shipping Names	(3) IMCO Class	(4) Identification Number	(5) Label(s) required	(6) Packaging Group	(7) Vessel Stowage Requirements (a) Cargo vessel	(b) Passenger vessel	(c) Other requirements
	Dichlorophenyl isocyanates	6.1	UN 2250	Poison	II	1,3	1,3	Shade from radiant heat. Stow 'away from' living quarters
	Dichlorophenyl trichlorosilane	8	UN 1766	Corrosive	II	1	1	Keep dry
	1,3-Dichloropropanol-2	6.1	UN 2750	Poison	II	1,3	1,3	Keep cool. Stow 'away from' living quarters
	Dichloropropene	3.3	UN 2047	Flammable Liquid	II	1,2	1,2	
	Dichlorosilane	2.3	UN 2189	Poison Gas, Flammable Gas	–	1	5	Stow 'away from' living quarters
	Dichlorotetrafluoroethane	2.2	UN 1958	Nonflammable Gas	–	1,2	1,2	
	Dicumyl peroxide, *technical pure or with inert solid*	5.2	UN 2121	Organic Peroxide	II	1	5	
	Dicyclohexylamine	8	UN 2565	Corrosive	III	1	5	Keep dry
	Dicyclohexylammonium nitrate	6.1	UN 2687	St. Andrews Cross	III	1,2	1,2	
	Dicyclohexyl peroxydicarbonate, *maximum concentration 91% with water*	5.2	UN 2153	Organic Peroxide	I	1	5	Control temperature 5 deg C. Emergency temperature 10 deg C
	Dicyclohexyl peroxydicarbonate, *technical pure*	5.2	UN 2152	Organic Peroxide	I	1	5	Control temperature 5 deg C. Emergency temperature 10 deg C
	Dicyclopentadiene	3.3	UN 2048	Flammable Liquid	II	1,2	1,2	
	Didecanoyl peroxide, *technical pure*	5.2	UN 2120	Organic Peroxide	II	1	5	Control temperature 15 deg C. Emergency temperature 20 deg C
*	2,2-Di-(4,4-di-tert-butylperoxy cyclohexyl) propane, *maximum concentration 42% with inert solid*	5.2	UN 2168	Organic Peroxide	II	1	5	
	Di-2,4-dichlorobenzoyl peroxide, *maximum concentration 75% with water*	5.2	UN 2137	Organic Peroxide	II	1	5	
	Di-2,4-dichlorobenzoyl peroxide, *maximum concentration 52% as a paste*	5.2	UN 2138	Organic Peroxide	II	1	5	
	Di-2,4-dichlorobenzoyl peroxide, *maximum concentration 52% in solution*	5.2	UN 2139	Organic Peroxide	II	1	5	
*	1,2-Di-(dimethylamino)-ethane	3.2	UN 2372	Flammable Liquid	II	1,2	1	
	Didymium nitrate	5.1	UN 1465	Oxidizer	III	1,2	1,2	
	Diethoxymethane	3.1	UN 2373	Flammable Liquid	II	1,3	5	Keep cool
	3,3-Diethoxypropene	3.2	UN 2374	Flammable Liquid	II	1,2	1	
	Diethylaluminium chloride	4.2	UN 1101	Spontaneously Combustible	I	1	1	
	Diethylamine	3.1	UN 1154	Flammable Liquid	II	1,3	5	Keep cool
	Diethylaminoethanol	3.3	UN 2686	Flammable Liquid	III	1,2	1,2	
	3-(Diethylamino) propylamine	8	UN 2684	Corrosive, Flammable Liquid	III	1,2	1,2	Segregation same as for flammable liquids
	N,N-Diethylaniline	6.1	UN 2432	St. Andrews Cross	III	1,2	1,2	
	Diethylbenzene	3.3	UN 2049	Flammable Liquid	II	1,2	1,2	
	Diethylcarbinol	3.3	UN 2706	Flammable Liquid	II	1,2	1,2	
	Diethyl carbonate	3.3	UN 2366	Flammable Liquid	II	1,2	1,2	
	Diethyl dichlorosilane	8	UN 1767	Corrosive, Flammable Liquid	II	1	1	Keep dry. Separate longitudinally by an intervening compartment or hold from explosives. Segregation same as for flammable liquids
	N,N-Diethylene diamine	8	UN 2685	Corrosive, Flammable Liquid	II	1,3	1,3	Keep cool. Segregation same as for flammable liquids
*N	Diethyleneglycol dinitrate, desensitized *with not less than 25% nonvolatile water-insoluble phlegmatizer, by weight*	1.1D	UN 0075	Explosive (1.1D)	–	–	–	
	Diethylenetriamine	8	UN 2079	Corrosive	II	1,2	1,2	Stow 'away from' acids, copper and copper alloys, and living quarters; 'separated from' nitric acid
	Diethyl ether	3.1	UN 1155	Flammable Liquid	I	1,3	5	Keep cool
*	Di-(2-ethylhexyl) peroxydicarbonate, *maximum concentration 77% in solution*	5.2	UN 2123	Organic Peroxide	II	1	5	Control temperature -15 deg C. Emergency temperature -5 deg C
*	Di-(2-ethylhexyl) peroxydicarbonate, *maximum concentration 32%, stable dispersion in water*	5.2	UN 2960	Organic Peroxide	II	1	5	Control temperature -10 deg C. Emergency temperature 0 deg C
	Di-(2-ethylhexyl) peroxydicarbonate, *technical pure*	5.2	UN 2122	Organic Peroxide	II	1	5	Control temperature -20 deg C. Emergency temperature -10 deg C
	Diethyl ketone	3.2	UN 1156	Flammable Liquid	II	1,2	1	
	Diethylmagnesium	4.2	UN 1367	Spontaneously Combustible	I	1	5	Prohibited on any ship carrying explosives (except explosives in Division 1.4, Compatibility Group S)
*	Diethyl-p-nitrosoaniline	4.2	–	Spontaneously Combustible	–	1,2	5	Stow 'away from' foodstuff
	Diethyl peroxydicarbonate, *maximum concentration 27% in solution*	5.2	UN 2175	Organic Peroxide	II	1	5	Control temperature -10 deg C. Emergency temperature 0 deg C
	Diethyl sulfide	3.2	UN 2375	Flammable Liquid, Poison	II	1,3	5	Keep cool and dry
	Diethyl sulphate	6.1	UN 1594	Poison	II	1	1	
	Diethylthiophosphoryl chloride	8	UN 2751	Corrosive, Flammable Liquid	II	1	5	Keep cool and dry. Segregation same as for flammable liquids
	Diethylzinc	4.2	UN 1366	Spontaneously Combustible	I	1	5	Prohibited on any ship carrying explosives (except explosives in Division 1.4, Compatibility Group S)
	1,1-Difluoroethane	2.1	UN 1030	Flammable Gas	–	1,2	1	Stow 'away from' living quarters
	1,1-Difluoroethylene	2.1	UN 1959	Flammable Gas	–	1,2	5	Stow 'away from' living quarters
	Difluoromonochloroethane. *See* Chlorodifluoroethanes							
	Difluorophosphoric acid, *anhydrous*	8	UN 1768	Corrosive	II	1,2	1,2	
*	2,2-Dihydroperoxy propane, *maximum concentration 25% with inert inorganic solid*	5.2	UN 2178	Organic Peroxide	II	1	5	

172.102 Optional Hazardous Materials Table (Cont'd)

(1) Notes and Symbols	(2) Hazardous Materials Description and Proper Shipping Names	(3) IMCO Class	(4) Identification Number	(5) Label(s) required	(6) Packaging Group	(7) Vessel Stowage Requirements (a) Cargo vessel	(b) Passenger vessel	(c) Other requirements
	2,3-Dihydropyran	3.2	UN 2376	Flammable Liquid	II	1,2	1	
*	Di-(1-hydroxy cyclohexyl) peroxide, *technical pure*	5.2	UN 2148	Organic Peroxide	II	1	5	
	Diisobutylamine	3.3	UN 2361	Flammable Liquid	II	1,2	1,2	
	Diisobutylene, *(isomeric compounds)*	3.2	UN 2050	Flammable Liquid	II	1,2	1	
	Diisobutyl ketone	3.3	UN 1157	Flammable Liquid	III	1,2	1,2	
	Diisooctyl acid phosphate	8	UN 1902	Corrosive	III	1,2	1,2	Glass carboys in hampers not permitted under deck
	Diisopropylamine	3.2	UN 1158	Flammable Liquid	II	1,2	1	
	Diisopropylbenzene hydroperoxide, *maximum concentration 72% in solution*	5.2	UN 2171	Organic Peroxide	I	1	5	
	N,N-Diisopropyl ethanolamine	8	UN 2825	Corrosive	III	1,2	1,2	Stow 'away from' caustic alkalis
	Diisopropyl ether	3.1	UN 1159	Flammable Liquid	II	1,3	5	Keep cool
	Diisopropyl peroxydicarbonate, *technical pure*	5.2	UN 2133	Organic Peroxide	II	1	5	Control temperature -15 deg C. Emergency temperature -5 deg C
	Diisopropyl peroxydicarcbonate, *maximum concentration 52% in solution*	5.2	UN 2134	Organic Peroxide	II	1	5	Control temperature -10 deg C. Emergency temperature 0 deg C
*	Diisotridecyl peroxidicarbonate, *technical pure*	5.2	UN 2889	Organic Peroxide	II	1	5	Control temperature -10 deg C. Emergency temperature 0 deg C
	Diketene, inhibited	3.3	UN 2521	Flammable Liquid	II	1,2	1,2	
*	Dilauroyl peroxide, *maximum concentration 42%, stable dispersion in water*	5.2	UN 2893	Organic Peroxide	II	1	5	
	Dilauroyl peroxide, *technical pure*	5.2	UN 2124	Organic Peroxide	II	1	5	
*	1,1-Dimethoxyethane	3.1 3.2	UN 2377 UN 2377	Flammable Liquid Flammable Liquid	II II	1,3 1,2	5 1	Keep cool
	1,2-Dimethoxyethane	3.2	UN 2252	Flammable Liquid	II	1,2	1	
	Dimethylamine, *anhydrous*	2.1	UN 1032	Flammable Gas	–	1,2	5	Stow 'away from' living quarters
*	Dimethylamine, solution	3.2	UN 1160	Flammable Liquid	II	1,2	1	
	2-Dimethylaminoacetonitrile	3.3	UN 2378	Flammable Liquid, Poison	II	1,2	1,2	
	Dimethylaminoethyl methacrylate	6.1	UN 2522	Poison	II	1,2	1	
	N,N-Dimethylaniline	6.1	UN 2253	Poison	II	1,3	1,3	Stow 'away from' sources of heat
*	Di-(2-methylbenzoyl)peroxide, *with at least 15% water*	5.2	UN 2593	Organic Peroxide	I	1	5	Control temperature 30 deg C. Emergency temperature 35 deg C
	2,3-Dimethylbutane	3.1	UN 2457	Flammable Liquid	II	1,3	5	Keep cool
	1,3-Dimethylbutylamine	3.2	UN 2379	Flammable Liquid	II	1,2	1	
	N,N-Dimethylcarbamoyl chloride	8	UN 2262	Corrosive	II	1,2	1,2	
	Dimethyl carbonate	3.2	UN 1161	Flammable Liquid	II	1,2	1	
	Dimethylcyclohexanes	3.2	UN 2263	Flammable Liquid	II	1,2	1	
	N,N-Dimethylcyclohexylamine	8	UN 2264	Corrosive, Flammable Liquid	II	1,3	1,3	Keep cool. Segregation same as for flammable liquids
*	2,5-Dimethyl-2,5-di-(benzoylperoxy) hexane, *maximum concentration 82% with water*	5.2	UN 2959	Organic Peroxide	II	1	5	
	2,5-Dimethyl-2,5-di-(benzoylperoxy) hexane, *maximum concentration 82% with inert solid*	5.2	UN 2173	Organic Peroxide	II	1	5	
	2,5-Dimethyl-2,5-di-(benzoylperoxy) hexane, *technical pure*	5.2	UN 2172	Organic Peroxide	II	1	5	
*	2,5-Dimethyl-2,5-di-(tert-butylperoxy) hexane, *maximum concentration 52% with inert solid*	5.2	UN 2156	Organic Peroxide	II	1	5	
*	2,5-Dimethyl-2,5-di-(tert-butylperoxy) hexane, *technical pure*	5.2	UN 2155	Organic Peroxide	II	1	5	
*	2,5-Dimethyl-2,5-di-(tert-butylperoxy) hexyne-3, *maximum concentration 52% with inert solid*	5.2	UN 2159	Organic Peroxide	II	1	5	
*	2,5-Dimethyl-2,5-di-(tert-butylperoxy) hexyne-3, *technical pure*	5.2	UN 2158	Organic Peroxide	II	1	5	
	Dimethyldichlorosilane	3.2	UN 1162	Flammable Liquid, Corrosive	I	1,2	1	
	Dimethyldiethoxysilane	3.2	UN 2380	Flammable Liquid	II	1,2	1	
*	2,5-Dimethyl-2,5-di -(2-ethylhexanoylperoxy) hexane, *technical pure*	5.2	UN 2157	Organic Peroxide	II	1	5	Control temperature 20 deg C. Emergency temperature 25 deg C
	2,5-Dimethyl-2,5-dihydroperoxy hexane, *maximum concentration 82% with water*	5.2	UN 2174	Organic Peroxide	I	1	5	
	Dimethyldioxanes	3.2	UN 2707	Flammable Liquid	II	1,2	1	
	Dimethyldioxanes	3.3	UN 2707	Flammable Liquid	II	1,2	1,2	
	Dimethyl disulfide	3.2	UN 2381	Flammable Liquid	II	1,2	1	
	Dimethylethanolamine	3.3	UN 2051	Flammable Liquid	II	1,3	1,3	
	Dimethyl ether	2.1	UN 1033	Flammable Gas	–	1,2	1	Stow 'away from' living quarters
	N,N-Dimethylformamide	3.3	UN 2265	Flammable Liquid	III	1,2	1,2	
	Dimethylhydrazine, *symmetrical*	3.2	UN 2382	Flammable Liquid, Poison	I	1,3	5	Keep cool
*	Dimethylhydrazine, unsymmetrical	3.2	UN 1163	Flammable Liquid, Corrosive	I	1,2	1	Stow 'separated from' corrosive liquids and oxidizers
	Dimethylmagnesium	4.2	UN 1368	Spontaneously Combustible	I	1	5	Prohibited on any ship carrying explosives (except explosives in Division 1.4, Compatibility Group S)
	Dimethyl-p-nitrosoaniline. *See* p-Nitrosodimethylaniline							
*	2,2-Dimethylpropane *other than pentane and isopentane*	2.1	UN 2044	Flammable Gas	–	1,2	1	
	Dimethyl-N-propylamine	3.2	UN 2266	Flammable Liquid, Corrosive	II	1,2	1	
	Dimethyl sulphate	6.1	UN 1595	Poison	I	1	5	Stow 'away from' living quarters
	Dimethyl sulphide	3.1	UN 1164	Flammable Liquid	I	1,3	5	Keep cool

172.102 Optional Hazardous Materials Table (Cont'd)

(1) Notes and Symbols	(2) Hazardous Materials Description and Proper Shipping Names	(3) IMCO Class	(4) Identification Number	(5) Label(s) required	(6) Packaging Group	(7) Vessel Stowage Requirements (a) Cargo vessel	(b) Passenger vessel	(c) Other requirements
	Dimethyl thiophosphoryl chloride	8	UN 2267	Corrosive	III	1,2	1	Keep dry. Shade from radiant heat. Glass carboys prohibited on passenger vessels
	Dimethylzinc	4.2	UN 1370	Spontaneously Combustible	I	1	5	Prohibited on any ship carrying explosives (except explosives in Division 1.4, Compatibility Group S)
	Dimyristylperoxydicarbonate, *maximum concentration 22%, stable dispersion in water*	5.2	UN 2892	Organic Peroxide	II	1	5	Control temperature 20 deg C. Emergency temperature 25 deg C
	Dimyristylperoxydicarbonate, *technical pure*	5.2	UN 2595	Organic Peroxide	II	1	5	Control temperature 20 deg C. Emergency temperature 25 deg C
	Dinitroanilines	6.1	UN 1596	Poison	II	1,2	1,2	
	Dinitrobenzenes *(o-, m-, p-)*	6.1	UN 1597	Poison	II	1,2	1,2	
*	Dinitro-o-cresol, *liquid*	6.1	UN 1598	Poison	I	1	1	
		6.1	UN 1598	Poison	II	1,2	1	
		6.1	UN 1598	St. Andrews Cross	III	1,2	1,2	
*	Dinitro-o-cresol, *solid*	6.1	UN 1598	Poison	I/II	1,2	1,2	
		6.1	UN 1598	St. Andrews Cross	III	1,2	1,2	
	Dinitrogen tetroxide. *See* Nitrogen dioxide							
*N	Dinitrophenates *alkali metals, dry or wetted with less than 15% water, by weight*	1.3C	UN 0077	Explosive (1.3C), Poison	–	–	–	
	Dinitrophenolates, wetted *with, by weight, at least 15% water*	4.1	UN 1321	Flammable Solid, Poison	I	1,2	5	Stow 'away from' heavy metals and their compounds
*N	Dinitrophenol, *dry or wetted with less than 15% water, by weight*	1.1D	UN 0076	Explosive (1.1D), Poison	–	–	–	
	Dinitrophenol, solution *in water or flammable liquid*	6.1	UN 1599	Poison, Flammable Liquid (only if flashpoint between 23 deg C and 61 deg C)	II	1,2	5	Stow 'away from' heavy metals and their compounds. Segregation same as for flammable liquids if flash point below 61 deg C
	Dinitrophenol, wetted *with, by weight, at least 15% water*	4.1	UN 1320	Flammable Solid, Poison	I	1,2	5	Stow 'away from' heavy metals and their compounds and sodium compounds
*N	Dinitroresorcinol, *dry or wetted withless than 15% water*	1.1D	UN 0078	Explosive (1.1D)	–	–	–	
	Dinitroresorcinol, wetted *with, by weight, at least 15% water*	4.1	UN 1322	Flammable Solid	I	1,2	5	Stow 'away from' heavy metals and their compounds
N	Dinitrosobenzene	1.3C	UN 0406	Explosive (1.3C)	–	–	–	
*	Dinitrotoluenes, molten	6.1	UN 1600	Poison	II	1,2	1,2	
*	Dinitrotoluenes, solid	6.1	UN 2038	Poison	II	1,2	1,2	
	Di-n-nonanoyl peroxide, *technical pure*	5.2	UN 2130	Organic Peroxide	II	1	5	Control temperature 0 deg C. Emergency temperature 10 deg C
	Di-n-octanoyl peroxide, *technical pure*	5.2	UN 2129	Organic Peroxide	II	1	5	Control temperature 10 deg C. Emergency temperature 15 deg C
	Dioxane	3.2	UN 1165	Flammable Liquid	II	1,2	1	
	Dioxolane	3.2	UN 1166	Flammable Liquid	II	1,2	1	
	Dipentene	3.3	UN 2052	Flammable Liquid	II	1,2	1,2	
*	Diperoxyazelaic acid, *maximum concentration 27%, with not less than 13% azelaic acid and not less than 55% sodium sulphate*	5.2	UN 2958	Organic Peroxide	II	1	5	Control temperature 35 deg C. Emergency temperature 40 deg C
	Diphenylaminechloroarsine	6.1	UN 1698	Poison	I	1	5	
	Diphenylchloroarsine	6.1	UN 1699	Poison	I	1	5	Stow 'away from' living quarters
	Diphenyl dichlorosilane	8	UN 1769	Corrosive	II	1	1	Keep dry
*	Diphenylmethane-4,4'diisocyanate	6.1	UN 2489	St. Andrews Cross	III	1,2	1,2	Stow 'away from' sources of heat
	Diphenylmethyl bromide	8	UN 1770	Corrosive	II	1	5	
*N	Dipicryl sulfide, *dry or wetted with less than 10% water, by weight*	1.1D	UN 0401	Explosive (1.1D)	–	–	–	
	Dipicryl sulphide, wetted *with, by weight, at least 10% water*	4.1	UN 2852	Flammable Solid	I	1	5	
	Dipropionyl peroxide, *maximum concentration 28% in solution*	5.2	UN 2132	Organic Peroxide	II	1	5	Control temperature 15 deg C. Emergency temperature 20 deg C
	Dipropylamine	3.2	UN 2383	Flammable Liquid	II	1,2	1	
	Dipropyl ether	3.1	UN 2384	Flammable Liquid	II	1,3	5	Keep cool
*	Dipropylketone	3.3	UN 2710	Flammable Liquid	III	1,2	1,2	
	Di-n-propyl peroxydicarbonate, *technical pure*	5.2	UN 2176	Organic Peroxide	I	1	5	Control temperature -25 deg C. Emergency temperature -15 deg C
*	Disinfectants, corrosive, liquid, n.o.s.	8	UN 1903	Corrosive	II	1,2	1,2	
*	Disinfectants, n.o.s., *poisonous, liquid or solid*	6.1	UN 1601	Poison	I	1,2	1	
		6.1	UN 1601	Poison	II	1,2	1,2	
		6.1	UN 1601	St. Andrews Cross	III	1,2	1,2	
*	Distearylperoxydicarbonate, *with 15% stearyl alcohol*	5.2	UN 2592	Organic Peroxide	II	1	5	
*	Disuccinic acid peroxide, *maximum concentration 72%, wetted with water*	5.2	UN 2962	Organic Peroxide	I	1	5	Control temperature 10 deg C. Emergency temperature 15 deg C
	Disuccinic acid peroxide, *technical pure*	5.2	UN 2135	Organic Peroxide	I	1	5	
*	Dithiocarbamate pesticides, liquid, flammable, toxic, n.o.s., *flashpoint less than 23 deg C*	3.2	UN 2772	Flammable Liquid and Poison or St. Andrews Cross (according to toxicity)	I/II	1,2	1	
*	Dithiocarbamate pesticides, liquid, toxic, flammable, n.o.s., *flashpoint between 23 deg C and 61 deg C*	6.1	UN 3005	Poison, Flammable Liquid	I	1	1	Segregation same as for flammable liquids
		6.1	UN 3005	Poison, Flammable Liquid	II	1,2	1	Segregation same as for flammable liquids
		6.1	UN 3005	St. Andrews Cross, Flammable Liquid	III	1,2	1,2	Segregation same as for flammable liquids
*	Dithiocarbamate pesticides, liquid, toxic, n.o.s.	6.1	UN 3006	Poison	I	1	1	
		6.1	UN 3006	Poison	II	1,2	1	

172.102 Optional Hazardous Materials Table (Cont'd)

(1) Notes and Symbols	(2) Hazardous Materials Description and Proper Shipping Names	(3) IMCO Class	(4) Identification Number	(5) Label(s) required	(6) Packaging Group	(7) Vessel Stowage Requirements (a) Cargo vessel	(b) Passenger vessel	(c) Other requirements
		6.1	UN 3006	St. Andrews Cross	III	1,2	1,2	
*	Dithiocarbamate pesticides, solid, toxic, n.o.s.	6.1	UN 2771	Poison	I/II	1,2	1,2	
		6.1	UN 2771	St. Andrews Cross	III	1,2	1,2	
*	Di-(3,5,5-trimethyl-1,2-dioxolanyl-3)peroxide, *as a paste with at least 50% phlegmatizer*	5.2	UN 2597	Organic Peroxide	II	1	5	Control temperature 30 deg C. Emergency temperature 35 deg C
*	Di-(3,5,5-trimethylhexanoyl)peroxide, *technical pure or in solution*	5.2	UN 2128	Organic Peroxide	II	1	5	Control temperature 0 deg C. Emergency temperature 10 deg C
*	Divinyl ether, inhibited	3.1	UN 1167	Flammable Liquid	II	1,3	5	Keep cool
	Dodecyl trichlorosilane	8	UN 1771	Corrosive	II	1	1	Keep dry
	Dressing, leather. *See* Flammable liquid preparations, n.o.s.							
	Driers, *paint or varnish*, liquid, n.o.s.	3.2	UN 1168	Flammable Liquid	II	1,2	1	
		3.3	UN 1168	Flammable Liquid	II	1,2	1,2	
	Driers, *paint or varnish*, solid, n.o.s.	4.1	UN 1371	Flammable Solid	III	1,2	1,2	
*	Dyes, n.o.s. *or* Dye intermediates, n.o.s., *liquid or solid, corrosive*	8	UN 2801	Corrosive, Flammable Liquid (only if flashpoint between 23 and 61 deg C)	II/III	1,2	1,2	Segregation same as for flammable liquids, if flashpoint between 23 and 61 deg C
*	Dyes, n.o.s. *or* Dye intermediates, n.o.s., *liquid or solid, poisonous*	6.1	UN 1602	Poison	I	1,2	1	
		6.1	UN 1602	Poison	II	1,2	1,2	
		6.1	UN 1602	St. Andrews Cross	III	1,2	1,2	
	Enamels. *See* Paints, *etc.*							
	Engine starting fluid, *with flammable gas*	2.1	UN 1960	Flammable Gas	--	1,2	5	Stow 'away from' living quarters
	Epibromohydrin	6.1	UN 2558	Poison, Flammable Liquid	I	1	5	Stow 'away from' living quarters. Segregation same as for flammable liquids. Shade from radiant heat
	Epichlorohydrin	6.1	UN 2023	Poison, Flammable Liquid	II	1,2	1,2	Segregation same as for flammable liquids. Stow 'away from' living quarters
	1,2-Epoxy-3-ethyloxy propane	3.3	UN 2752	Flammable Liquid	III	1,2	1,2	
	Eradicators, *paint or grease, liquid. To be classified and labeled according to the principle hazardous constituent*	--	UN 1850		--	1,2	1	
*	Essences. *See* Extracts, aromatic, liquid							
	Ethane, *compressed*	2.1	UN 1035	Flammable Gas	--	1,2	5	
	Ethane, *refrigerated liquid*	2.1	UN 1961	Flammable Gas	--	1	5	
*	Ethanolamine *or* Ethanolamine solutions	8	UN 2491	Corrosive	III	1,2	1,2	
	Ethanol *or* Ethanol solutions *including* Alcoholic beverages	3.2	UN 1170	Flammable Liquid	II	1,2	1	
		3.3	UN 1170	Flammable Liquid	III	1,2	1,2	
	Ether. *See* Diethyl ether							
	Ethyl acetate	3.2	UN 1173	Flammable Liquid	II	1,2	1	
*	Ethyl acetylene, inhibited	2.1	UN 2452	Flammable Gas	--	1	5	
	Ethyl acrylate, *inhibited*	3.2	UN 1917	Flammable Liquid	II	1,2	1	
	Ethyl alcohol. *See* Ethanol							
	Ethyl aldehyde. *See* Acetaldehyde							
	Ethyl aluminium dichloride	4.2	UN 1924	Spontaneously Combustible	I	1	1	
	Ethyl aluminium sesquichloride	4.2	UN 1925	Spontaneously Combustible	I	1	1	
	Ethylamine	2.1	UN 1036	Flammable Gas	--	1,2	5	
*	Ethylamine solution *in water, concentrations up to 70%*	3.1	UN 2270	Flammable Liquid	II	1,3	5	Keep cool
		3.2	UN 2270	Flammable Liquid	II	1,2	1,2	
		3.3	UN 2270	Flammable Liquid	III	1,2	1,2	
	Ethyl amyl ketone	3.3	UN 2271	Flammable Liquid	III	1,2	1,2	
	N-Ethylaniline	6.1	UN 2272	St. Andrews Cross	III	1,2	1,2	Stow 'away from' acids
	2-Ethylaniline	6.1	UN 2273	St. Andrews Cross	III	1,2	1,2	
	Ethylbenzene	3.2	UN 1175	Flammable Liquid	II	1,2	1,2	
	N-Ethyl-n-benzylaniline	6.1	UN 2274	St. Andrews Cross	III	1,2	1,2	Stow 'away from' living quarters
	N-ethylbenzyltoluidines	6.1	UN 2753	St. Andrews Cross	III	1,3	1,3	Keep cool
	Ethyl borate	3.2	UN 1176	Flammable Liquid	II	1,2	1	
	Ethyl bromide	6.1	UN 1891	Poison	II	1,3	1	Stow 'away from' sources of heat
	Ethyl bromoacetate	6.1	UN 1603	Poison, Flammable Liquid	II	1	5	Stow 'away from' living quarters. Segregation same as for flammable liquids
	2-Ethylbutanol	3.3	UN 2275	Flammable Liquid	III	1,2	1,2	
	Ethylbutyl acetate	3.3	UN 1177	Flammable Liquid	III	1,2	1,2	
	Ethyl butyl ether	3.2	UN 1179	Flammable Liquid	II	1,2	1	
	2-Ethylbutyraldehyde	3.2	UN 1178	Flammable Liquid	II	1,2	1	
	Ethyl butyrate	3.3	UN 1180	Flammable Liquid	II	1,2	1,2	
	Ethyl chloride	2.1	UN 1037	Flammable Gas	--	1,2	5	Stow 'away from' living quarters
	Ethyl chloroacetate	6.1	UN 1181	Poison, Flammable Liquid	II	1,2	1,2	Segregation same as for flammable liquids. Stow 'away from' sources of heat and living quarters
	Ethyl chlorocarbonate. See Ethyl chloroformate							
	Ethyl chloroformate	3.2	UN 1182	Flammable Liquid, Poison, Corrosive	I	1,2	1	
*	Ethyl-2-chloropropionate	3.3	UN 2935	Flammable Liquid	III	1,2	1,2	
*	Ethyl chlorothioformate	8	UN 2826	Corrosive, Flammable Liquid	II	1,2	1,2	Segregation same as for flammable liquids
	Ethyl crotonate	3.2	UN 1862	Flammable Liquid	II	1,2	1	
	Ethyl cyanoacetate	6.1	UN 2666	St. Andrews Cross	III	1,2	1,2	Stow 'away from' acids

172.102 Optional Hazardous Materials Table (Cont'd)

(1) Notes and Symbols	(2) Hazardous Materials Description and Proper Shipping Names	(3) IMCO Class	(4) Identification Number	(5) Label(s) required	(6) Packaging Group	(7) Vessel Stowage Requirements (a) Cargo vessel	(b) Passenger vessel	(c) Other requirements
*	Ethyl-3,3-di-(tert-butylperoxy) butyrate, *maximum concentration 77% in solution*	5.2	UN 2185	Organic Peroxide	II	1	5	
*	Ethyl-3,3-di-(tert-butylperoxy) butyrate, *technical pure*	5.2	UN 2184	Organic Peroxide, Explosive (May not be required under certain conditions. See IMDG Code)	II	1	5	
*	Ethyl-3,3-di(tert-butylperoxy)butyrate, *with at least 50% inert, inorganic solid*	5.2	UN 2598	Organic Peroxide	II	1	5	
	Ethyl dichloroarsine	6.1	UN 1892	Poison	I	1	5	Stow 'away from' living quarters
	Ethyldichlorosilane	3.2	UN 1183	Flammable Liquid, Corrosive	II	1,2	1	
	Ethylene chlorohydrin	6.1	UN 1135	Poison, Flammable Liquid	II	1,2	1,2	Segregation same as for flammable liquids. Stow 'away from' living quarters and sources of heat
	Ethylene, *compressed*	2.1	UN 1962	Flammable Gas	--	1,2	5	Stow 'away from' living quarters
	Ethylenediamine	8	UN 1604	Corrosive, Flammable Liquid	II	1,2	1,2	Segregation same as for flammable liquids
	Ethylene dibromide	6.1	UN 1605	Poison	II	1,2	1,2	Stow 'away from' living quarters
	Ethylene dichloride	3.2	UN 1184	Flammable Liquid, Poison	II	1,2	1	
	Ethylene glycol diethyl ether	3.3	UN 1153	Flammable Liquid	III	1,2	1,2	
	Ethylene glycol monobutyl ether	6.1	UN 2369	St. Andrews Cross, Flammable Liquid (only if flashpoint below 61 deg C)	III	1,3	1,3	Shade from radiant heat. Stow 'away from' living quarters. If flashpoint below 61 deg C, segregation same as for flammable liquids
	Ethylene glycol monoethyl ether	3.3	UN 1171	Flammable Liquid	III	1,2	1,2	
	Ethylene glycol monoethyl ether acetate	3.3	UN 1172	Flammable Liquid	III	1,2	1,2	
	Ethylene glycol monomethyl ether	3.3	UN 1188	Flammable Liquid	III	1,2	1,2	
	Ethylene glycol monomethyl ether acetate	3.3	UN 1189	Flammable Liquid	III	1,2	1,2	
	Ethyleneimine, *inhibited*	3.2	UN 1185	Flammable Liquid, Poison	I	1,2	1	
*	*Ethylene oxide and carbon dioxide, mixtures. See* Carbon dioxide and ethylene oxide mixtures							
*	Ethylene oxide and propylene oxide mixtures, *not more than 30% ethylene oxide*	3.1	UN 2983	Flammable Liquid, Poison	I	1,3	5	Keep cool
	Ethylene oxide, *containing not more than 0.2% of nitrogen*	2.1	UN 1040	Flammable Gas, Poison Gas	--	1,2	1	Stow 'away from' living quarters
	Ethylene, *refrigerated liquid*	2.1	UN 1038	Flammable Gas	--	1	5	Stow 'away from' living quarters
	Ethyl ether. *See* Diethyl ether							
	Ethyl fluid. *See* Motor fuel antiknock mixtures							
	Ethyl fluoride	2.1	UN 2453	Flammable Gas	--	1,2	5	
	Ethyl formate	3.1	UN 1190	Flammable Liquid	II	1,3	5	Keep cool
	Ethyl hexaldehyde	3.3	UN 1191	Flammable Liquid	III	1,2	1,2	
	2-Ethylhexylamine	8	UN 2276	Corrosive, Flammable Liquid	III	1,2	1,2	Segregation same as for flammable liquids
	2-Ethylhexylchloroformate	6.1	UN 2748	Poison, Corrosive	II	1,3	1,3	Keep cool and dry. Shade from radiant heat Stow 'away from' living quarters
	Ethylisobutyrate	3.2	UN 2385	Flammable Liquid	II	1,2	1	
	Ethyl isocyanate	3.2	UN 2481	Flammable Liquid, Poison	I	1	5	Keep cool. Stow 'away from' living quarters and sources of heat
	Ethyl lactate	3.3	UN 1192	Flammable Liquid	III	1,2	1,2	
	Ethyl mercaptan	3.1	UN 2363	Flammable Liquid, Poison	II	1,3	5	Keep cool and dry. Stow 'separated from' foodstuffs and all odor absorbing cargo
	Ethyl methacrylate, inhibited	3.2	UN 2277	Flammable Liquid	II	1,2	1	
	Ethyl methyl ether	2.1	UN 1039	Flammable Gas	--	1,2	1	Stow 'away from' living quarters
	Ethyl methyl ketone	3.2	UN 1193	Flammable Liquid	II	1,2	1	
	Ethyl methyl ketone peroxide(s), *maximum concentration 60%*	5.2	UN 2127	Organic Peroxide	I	1	5	
	Ethyl methyl ketone peroxide(s), *maximum concentration 50%, containing not more than 10% available oxygen*	5.2	UN 2550	Organic Peroxide	I	1	5	
N	Ethyl methyl ketone peroxide(s), *maximum concentration 50%, containing more than 10% available oxygen*				--	--	--	
*	Ethyl nitrite, solutions	3.1	UN 1194	Flammable Liquid	I	1,3	5	Keep cool
	Ethyl orthoformate	3.3	UN 2524	Flammable Liquid	II	1,2	1,2	
	Ethyl oxalate	6.1	UN 2525	St. Andrews Cross	III	1,2	1,2	
	Ethylphenyldichlorosilane	8	UN 2435	Corrosive	II	1	1	Keep dry
	1-Ethyl piperidine	3.2	UN 2386	Flammable Liquid	II	1,2	1	
	Ethyl propionate	3.2	UN 1195	Flammable Liquid	II	1,2	1	
	Ethyl propyl ether	3.1	UN 2615	Flammable Liquid	II	1,3	5	Keep cool
	Ethyl silicate. *See* Tetraethyl silicate							
	Ethylsulphuric acid	8	UN 2571	Corrosive	II	1,2	1	Keep dry. Metal drums only permitted under deck
	N-Ethyltoluidines *(o,m,p)*	6.1	UN 2754	Poison, Flammable Liquid (only if flashpoint below 61 deg C)	II	1,3	1,3	Keep cool. Shade from radiant heat. Stow 'away from' living quarters. If flashpoint below 61 deg C, segregation same as for flammable liquids
	Ethyltrichlorosilane	3.2	UN 1196	Flammable Liquid, Corrosive	II	1,2	1	
N	Explosives, blasting, Type A	1.1D	UN 0081	Explosive (1.1D)	--	--	--	
	Explosives, blasting, Type B	1.5 D	UN 0331	Explosive (1.5D)	--	6	5	

172.102 Optional Hazardous Materials Table (Cont'd)

(1) Notes and Symbols	(2) Hazardous Materials Description and Proper Shipping Names	(3) IMCO Class	(4) Identification Number	(5) Label(s) required	(6) Packaging Group	(7) Vessel Stowage Requirements (a) Cargo vessel	(b) Passenger vessel	(c) Other requirements
N	Explosives, blasting, Type B	1.1D	UN 0082	Explosive (1.1D)	–	–	–	
N	Explosives, blasting, Type C	1.1D	UN 0083	Explosive (1.1D)	–	–	–	
N	Explosives, blasting, Type D	1.1D	UN 0084	Explosive (1.1D)	–	–	–	
	Explosives, blasting, Type E	1.5 D	UN 0332	Explosive (1.5D)	–	6	5	
N	Explosives, blasting, Type E	1.1D	UN 0241	Explosive (1.1D)	–	–	–	
	Extracts, aromatic, liquid	3.2	UN 1169	Flammable Liquid	II/III	1,2	1	
		3.3	UN 1169	Flammable Liquid	III	1,2	1,2	
	Extracts, flavouring, liquid	3.2	UN 1197	Flammable Liquid	II/III	1,2	1	
		3.3	UN 1197	Flammable Liquid	III	1,2	1,2	
*	Fabric, animal or vegetable. *See* Fibres, animal or vegetable							
	Ferric arsenate	6.1	UN 1606	Poison	II	1,2	1,2	
	Ferric arsenite	6.1	UN 1607	Poison	II	1,2	1,2	
	Ferric chloride, anhydrous	8	UN 1773	Corrosive	III	1,2	1,2	
	Ferric chloride, solution	8	UN 2582	Corrosive	III	1,2	1,2	
	Ferric nitrate	5.1	UN 1466	Oxidizer	III	1,2	1,2	
	Ferrocerium	4.1	UN 1323	Flammable Solid	II	1,2	1,2	
*	Ferrosilicon, *containing more than 30% but less than 90% silicon*	4.3	UN 1408	Dangerous When Wet, Poison	III	1,2	1,2	Keep dry. When stowed under deck, stow in a mechanically ventilated space
	Ferrous arsenate	6.1	UN 1608	Poison	II	1,2	1,2	
	Ferrous metal borings, shavings, turnings, or cuttings *in a form liable to self heating*	4.2	UN 2793	Spontaneously Combustible	III	1,2	1,2	
	Fertilizer ammoniating solution, *containing free ammonia in excess of 35% ammonia*	2.2	UN 1043	Nonflammable Gas	–	1,2	5	Stow 'away from' living quarters
*	Fibres, animal or vegetable, *burnt, wet or damp*	4.2	UN 1372	Spontaneously Combustible	III	1,2	1,2	
*	Fibres or Fabric, animal or vegetable, *containing more than 5% of animal or vegetable oil*	4.2	UN 1373	Spontaneously Combustible	III	1,2	1,2	
	Fibres, *vegetable, dry*	4.1	–	None	–	1,2	1,2	Stow 'away from' animal or vegetable oils
	Fillers, *liquid. See* Paints, *etc.*							
*	Film, motion picture, *nitrocellulose base, exposed and developed film, or unexposed or undeveloped film*	4.1	UN 1324	Flammable Solid	III	1,2	1,2	Stow 'away from' flammable substances. Maximum 250 Kg. net on deck on passenger vessels
	Film, motion picture, *nitrocellulose base, old film*	4.1	UN 1324	Flammable Solid	III	1	5	Stow 'away from' flammable substances
	Fire extinguisher charges, *corrosive liquid*	8	UN 1774	Corrosive	II	1,2	1,2	
	Fire extinguishers, *containing compressed or liquefied gas*	2.2	UN 1044	Nonflammable Gas	–	1,2	1,2	
*	Firelighters, *solid, with a flammable liquid*	4.1	UN 2623	Flammable Solid	II/III	1,2	1,2	
N	Fireworks, Type A	1.1G	UN 0333	Explosive (1.1G)	–	–	–	
N	Fireworks, Type B	1.2G	UN 0334	Explosive (1.2G)	–	–	–	
N	Fireworks, Type C	1.3G	UN 0335	Explosive (1.3G)	–	–	–	
	Fireworks, Type D	1.4 G	UN 0336	Explosive (1.4G)	–	1,3	1,3	
	Fireworks, Type D	1.4 S	UN 0337	None. Package to be marked '1.4 S'	–	1,3	1,3	
*	Fishmeal or fishscrap, *antioxidant treated, moisture content greater than 5% but not exceeding 12%, by weight, fat content not more than 15% by weight*	9	UN 2216	None	III	1,2	1,2	
*	Fishmeal or fishscrap, *high hazard, unrestricted moisture content, unrestricted fat content in excess of 12% by weight; unrestricted fat content in excess of 15%, by weight, in the case of anti-oxidant treated fishmeal or fishscrap*	4.2	UN 1374	Spontaneously Combustible	II	1,2	1,2	
*	Fishmeal or fishscrap, *not antioxidant treated, moisture content greater than 5% but not exceeding 12% by weight, fat content not exceeding 12% by weight*	4.2	UN 1374	None. Package to be marked 'Class 4.2'	III	1,2	1,2	Double strip stowage recommended. Provide good surface and through ventilation
*	*Flammable gas in lighters. See* Lighters for cigars and cigarettes, *etc. with flammable gas*							
*	Flammable liquid preparations, n.o.s.	3.2	UN 1142	Flammable Liquid	II	1,2	1	
		3.3	UN 1142	Flammable Liquid	II	1,2	1,2	
	Flammable liquids, corrosive, n.o.s.	3.1	UN 2924	Flammable Liquid, Corrosive	I/II	1,3	5	Keep cool. Stow 'away from' foodstuffs
		3.2	UN 2924	Flammable Liquid, Corrosive	I/II	1,2	1	
	Flammable liquids, n.o.s.	3.1	UN 1993	Flammable Liquid	I/II	1,3	5	Keep cool
		3.2	UN 1993	Flammable Liquid	II	1,2	1	
		3.3	UN 1993	Flammable Liquid	II	1,2	1,2	
*	Flammable liquids, poisonous, n.o.s.	3.1	UN 1992	Flammable Liquid, Poison	I/II	1,3	5	Keep cool
		3.2	UN 1992		II	1,2	1	
		3.3	UN 1992	Flammable Liquid, Poison Flammable Liquid, Poison	II	1,2	1,2	
*	Flammable solids, corrosive, n.o.s.	4.1	UN 2925	Flammable Solid, Corrosive	I/II/III	1	5	Stow 'separated from' oxidizing substances
*	Flammable solids, n.o.s.	4.1	UN 1325	Flammable Solid	I	1,2	5	
		4.1	UN 1325	Flammable Solid	II/III	1,2	1	
*	Flammable solids, poisonous, n.o.s.	4.1	UN 2926	Flammable Solid	I	1,2	5	
		4.1	UN 2926	Flammable Solid	II	1,2	1	
*N	Flares, aerial	1.1G	UN 0420	Explosive (1.1G)	–	–	–	
*N	Flares, aerial	1.2G	UN 0421	Explosive (1.2G)	–	–	–	
N	Flares, aerial	1.3G	UN 0093	Explosive (1.3G)	–	–	–	
	Flares, aerial	1.4G	UN 0403	Explosive (1.4G)	–	1,3	1,3	

172.102 Optional Hazardous Materials Table (Cont'd)

(1) Notes and Symbols	(2) Hazardous Materials Description and Proper Shipping Names	(3) IMCO Class	(4) Identification Number	(5) Label(s) required	(6) Packaging Group	(7) Vessel Stowage Requirements (a) Cargo vessel	(b) Passenger vessel	(c) Other requirements
	Flares, aerial	1.4S	UN 0404	None. Package to be marked '1.4S'	–	1,3	1,3	
*N	Flares, surface *(other than water-activated flares)*	1.1G	UN 0418	Explosive (1.1G)	–	–	–	
*N	Flares, surface *(other than water-activated flares)*	1.2G	UN 0419	Explosive (1.2G)	–	–	–	
N	Flares, surface *(other than water-activated flares)*	1.3G	UN 0092	Explosive (1.3G)	–	–	–	
	Flax, dry. See Fibres, *vegetable, dry*							
	Fluoboric acid	8	UN 1775	Corrosive	II	1,2	1,2	
	Fluoric acid. *See* Hydrofluoric acid, solution							
	Fluorine, *compressed*	2.3	UN 1045	Poison Gas, Oxidizer	–	1	5	Stow 'away from' foodstuffs, organic materials, and living quarters
	Fluoroacetic acid	6.1	UN 2642	Poison	I	1,3	1,3	Keep cool. Stow 'away from' living quarters
*	4-Fluoroaniline	6.1	UN 2944	St. Andrews Cross	III	1,2	1,2	
*	2-Fluoroaniline	6.1	UN 2941	St. Andrews Cross, Flammable Liquid	III	1,2	1,2	Shade from radiant heat. Segregation same as for flammable liquids
	Fluorobenzene	3.2	UN 2387	Flammable Liquid	II	1,2	1	
	Fluorophosphoric acid, *anhydrous*	8	UN 1776	Corrosive	II	1,2	1,2	
	Fluorosulphonic acid	8	UN 1777	Corrosive	I	1	5	Keep dry. Stow 'away from' fluorides
	Fluorotoluenes	3.2	UN 2388	Flammable Liquid	II	1,2	1	
		3.3	UN 2388	Flammable Liquid	II	1,2	1,2	
	Fluosilicic acid	8	UN 1778	Corrosive	II	1,2	1,2	
	Formaldehyde solutions	3.3	UN 1198	Flammable Liquid	II	1,2	1,2	
	Formaldehyde, solutions *with a flashpoint above 61 degrees C*	9	UN 2209	None	III	1,2	1,2	Stow 'away from' foodstuffs
	Formalin. *See* Formaldehyde							
	Formic acid	8	UN 1779	Corrosive	II	1,2	1,2	Glass carboy in hampers prohibited under deck
N	Fracturing devices, explosive, *for oil wells*	1.1D	UN 0099	Explosive (1.1D)	–	–	–	
	Fuel, aviation, *turbine engine*	3.2	UN 1863	Flammable Liquid	II	1,2	1	
	Fuel, pyrophoric, n.o.s.	4.2	UN 1375	Spontaneously Combustible	I	1	5	Prohibited on any ship carrying explosives (except explosives in Division 1.4, Compatibility Group S)
	Fumaryl chloride	8	UN 1780	Corrosive	II	1	1	Keep dry. Glass carboys prohibited on passenger vessels
	Furan	3.1	UN 2389	Flammable Liquid	I	1,3	5	Keep cool
	Furfural	3.3	UN 1199	Flammable Liquid	II	1,2	1,2	
	Furfuryl alcohol	6.1	UN 2874	St. Andrews Cross	III	1,2	1,2	Stow 'separated from' oxidizing substances
	Furfurylamine	3.3	UN 2526	Flammable Liquid	II	1,2	1,2	
	Fuse, igniter, *tubular, metal clad*	1.4 G	UN 0103	Explosive (1.4G)	–	1,3	1,3	
N	Fuse, instantaneous, non-detonating	1.3G	UN 0101	Explosive (1.3G)	–	–	–	
	Fusel oil	3.2	UN 1201	Flammable Liquid	II	1,2	1	
	Fuse, safety	1.4 S	UN 0105	None. Package to be marked '1.4 S'	–	1,3	1,3	
	Fuzes, detonating	1.4S	UN 0367	None. Package to be marked '1.4S'	–	1,3	1,3	
	Fuzes, detonating	1.4 B	UN 0257	Explosive (1.4B)	–	1,3	1,3	
N	Fuzes, detonating	1.1B	UN 0106	Explosive (1.1B)	–	–	–	
N	Fuzes, detonating	1.2B	UN 0107	Explosive (1.2B)	–	–	–	
N	Fuzes, detonating, *with protective features*	1.1D	UN 0408	Explosive (1.1D)	–	–	–	
N	Fuzes, detonating, *with protective features*	1.2D	UN 0409	Explosive (1.2D)	–	–	–	
N	Fuzes, detonating, *with protective features*	1.4D	UN 0410	Explosive (1.4D)	–	–	–	
	Fuzes, igniting	1.4S	UN 0368	None. Package to be marked '1.4S'	–	1,3	1,3	
N	Fuzes, igniting	1.3G	UN 0316	Explosive (1.3G)	–	–	–	
N	Fuzes, igniting	1.4G	UN 0317	Explosive (1.4G)	–	–	–	
	Gallium, *metal*	8	UN 2803	Corrosive	III	1,2	1	Stow 'away from' sources of heat and acids
	Gas drips, *hydrocarbon*	3.2	UN 1864	Flammable Liquid	II	1,2	1	
	Gas oil	3.3	UN 1202	Flammable Liquid	II	1,2	1,2	
	Gasoline	3.1	UN 1203	Flammable Liquid	II	1,3	5	Keep cool
	Germane	2.3	UN 2192	Poison Gas, Flammable Gas	–	1	5	Stow 'away from' living quarters
	Glycerol-alpha-monochlorohydrin	6.1	UN 2689	St. Andrews Cross	III	1,2	1,2	
	Glycidaldehyde	3.3	UN 2622	Flammable Liquid, Poison	II	1,2	1,2	
N	Grenades, *hand or rifle, with bursting charge*	1.1D	UN 0284	Explosive (1.1D)	–	–	–	
N	Grenades, *hand or rifle, with bursting charge*	1.2D	UN 0285	Explosive (1.2D)	–	–	–	
N	Grenades, *hand or rifle, with bursting charge*	1.1F	UN 0292	Explosive (1.1F)	–	–	–	
N	Grenades, *hand or rifle, with bursting charge*	1.2F	UN 0293	Explosive (1.2F)	–	–	–	
	Grenades, practice, *hand or rifle*	1.4 S	UN 0110	None. Package to be marked '1.4 S'	–	1,3	1,3	
N	Grenades, practice, *hand or rifle*	1.2G	UN 0372	Explosive (1.2G)	–	–	–	
N	Grenades, practice, *hand or rifle*	1.3G	UN 0318	Explosive (1.3G)	–	–	–	
	Guanidine nitrate	5.1	UN 1467	Oxidizer	III	1,2	1,2	Stow 'separated from' nitro-compounds and chlorates
N	Guanyl nitrosamino guanylidene hydrazine, *containing, by weight, at least 30% water*	1.1A	UN 0113	Explosive (1.1A)	–	–	–	
N	Guanyl nitrosamino guanyl tetrazene, *containing, by weight, at least 30% water or mixture of alcohol and water*	1.1A	UN 0114	Explosive (1.1A)	–	–	–	

172.102 Optional Hazardous Materials Table (Cont'd)

(1) Notes and Symbols	(2) Hazardous Materials Description and Proper Shipping Names	(3) IMCO Class	(4) Identification Number	(5) Label(s) required	(6) Packaging Group	(7) Vessel Stowage Requirements (a) Cargo vessel	(b) Passenger vessel	(c) Other requirements
*	Gutta percha solution	3.2	UN 1205	Flammable Liquid	II	1,2	1	
		3.3	UN 1205	Flammable Liquid	II	1,2	1,2	
	Hafnium *metal* powder, dry	4.2	UN 2545	Spontaneously Combustible	II	1	5	
*	Hafnium *metal* powder, wetted, *with not less than 25% water (a visible excess of water must be present) mechanically produced, particle size less than 53 microns, or chemically produced, particle size less than 840 microns*	4.1	UN 1326	Flammable Solid	II	1,2	5	
	Halogenated irritating liquids, n.o.s.	6.1	UN 1610	Poison, Flammable Liquid (only if flashpoint between 23 and 61 deg C)	I/II	1	5	Stow 'away from' living quarters. If flashpoint below 61 deg C, segregation same as for flammable liquids
		6.1	UN 1610	St. Andrews Cross, Flammable Liquid (only if flashpoint between 23 and 61 deg C)	III	1	5	Stow 'away from' living quarters. If flashpoint below 61 deg C, segregation same as for flammable liquids
	Hay	4.1	UN 1327	None	III	1,2	1,2	Stow 'away from' animal or vegetable oils
	Helium, *compressed*	2.2	UN 1046	Nonflammable Gas	–	1,2	1,2	
	Helium, refrigerated liquid	2.2	UN 1963	Nonflammable Gas	–	1,2	1	
	Hemp, dry. See Fibres, *vegetable, dry*							
	Heptane, *and its isomers*	3.2	UN 1206	Flammable Liquid	II	1,2	1	
	n-Heptene	3.2	UN 2278	Flammable Liquid	II	1,2	1	
	Hexachloroacetone	6.1	UN 2661	Poison	II	1,3	1	Keep cool
	Hexachlorobenzene	6.1	UN 2729	St. Andrews Cross	III	1,2	1,2	
	Hexachlorobutadiene	6.1	UN 2279	St. Andrews Cross	III	1,2	1,2	Stow 'away from' living quarters
	Hexachlorocyclopentadiene	6.1	UN 2646	Poison	I	1	5	Stow 'away from' living quarters
	Hexachlorophene	6.1	UN 2875	St. Andrews Cross	III	1,2	1,2	
	Hexadecyl trichlorosilane	8	UN 1781	Corrosive	II	1	1	Keep dry
	Hexadiene	3.1	UN 2458	Flammable Liquid	II	1,3	5	Keep cool
	Hexaethyl tetraphosphate	6.1	UN 1611	Poison	I/II	1,2	5	Stow 'away from' living quarters
		6.1	UN 1611	St. Andrews Cross	III	1,2	5	Stow 'away from' living quarters
*	Hexaethyl tetraphosphate and compressed gas *mixture*	2.3	UN 1612	Poison Gas	–	1	5	Stow 'away from' living quarters
	Hexafluoroacetone	2.3	UN 2420	Poison Gas	–	1	5	Stow 'away from' living quarters
	Hexafluoroacetone hydrate	6.1	UN 2552	Poison	II	1,2	1	Stow 'away from' living quarters
	Hexafluoroethane	2.2	UN 2193	Nonflammable Gas	–	1,2	1,2	
	Hexafluorophosphoric acid	8	UN 1782	Corrosive	II	1,2	1,2	
	Hexafluoropropylene	2.2	UN 1858	Nonflammable Gas	–	1,2	1,2	
	Hexaldehyde	3.3	UN 1207	Flammable Liquid	III	1,2	1,2	
	Hexamethylenediamine, solid	8	UN 2280	Corrosive	III	1,3	1,3	Keep cool
*	Hexamethylenediamine, solution	8	UN 1783	Corrosive, Poison	II	1,2	1,2	
	Hexamethylenediisocyanate	6.1	UN 2281	Poison	II	1,2	1	Keep dry
*	Hexamethyleneimine	3.2	UN 2493	Flammable Liquid, Corrosive	II	1,2	1	
	3,3,6,6,9,9-Hexamethyl-1,2,4,5-tetraoxocyclononane, *maximum concentration 52% with inert solid*	5.2	UN 2166	Organic Peroxide	II	1	5	
	3,3,6,6,9,9-Hexamethyl-1,2,4,5-tetraoxocyclononane, *maximum concentration 52% in solution*	5.2	UN 2167	Organic Peroxide	II	1	5	
	3,3,6,6,9,9-Hexamethyl-1,2,4,5-tetraoxocyclononane, *technical pure*	5.2	UN 2165	Organic Peroxide	I	1	5	
	Hexamine	4.1	UN 1328	Flammable Solid	III	1,2	1,2	
	Hexane, *and its isomers*	3.1	UN 1208	Flammable Liquid	II	1,3	5	Keep cool
*N	Hexanitrodiphenylamine	1.1D	UN 0079	Explosive (1.1D), Poison	–	–	–	
N	Hexanitrostilbene	1.1D	UN 0392	Explosive (1.1D)	–	–	–	
	Hexanols	3.3	UN 2282	Flammable Liquid	III	1,2	1,2	
N	Hexatonal, cast	1.1D	UN 0393	Explosive (1.1D)	–	–	–	
	Hex-1-ene	3.1	UN 2370	Flammable Liquid	II	1,3	5	Keep cool
	1-Hexene. *See* Hex-1-ene							
*N	Hexolite, *dry or wetted with less than 15% water, by weight*	1.1D	UN 0118	Explosive (1.1D)	–	–	–	
	Hexyl trichlorosilane	8	UN 1784	Corrosive	II	1	1	Keep dry
	Hydrazine, anhydrous *or* Hydrazine aqueous solutions *containing more than 64%, by weight, hydrazine*	3.3	UN 2029	Flammable Liquid, Poison, Corrosive	I	1	5	
*	Hydrazine hydrate *or* Hydrazine aqueous solutions *with not more than 64%, by weight, hydrazine*	8	UN 2030	Corrosive, Poison	II	1,2	5	Under deck permitted only if containing not more than 36%, by weight, hydrazine. Stow 'away from' nitric acids and perchloric acids not exceeding 50% acid by weight
*	Hydrides, *metal*, n.o.s.	4.3	UN 1409	Dangerous When Wet	I	1,2	5	
*	Hydriodic acid, solution	8	UN 1787	Corrosive	II	1	1	Glass carboys prohibited on passenger vessels
*	Hydrobromic acid, solution	8	UN 1788	Corrosive	II	1	1	Glass carboys prohibited on passenger vessels. Stow 'away from' fluorides
*	Hydrocarbon gases, compressed, n.o.s. *or* Hydrocarbon gases, mixtures, compressed, n.o.s.	2.1	UN 1964	Flammable Gas	–	1,2	1	
*	Hydrocarbon gases, liquefied, n.o.s. *or* Hydrocarbon gases, mixtures, liquefied, n.o.s.	2.1	UN 1965	Flammable Gas	–	1,2	1	
*	Hydrochloric acid, solution	8	UN 1789	Corrosive	II	1	1	Glass carboys prohibited on passenger vessels. Stow 'away from' fluorides
*	*Hydrocyanic acid, anhydrous, stabilized. See* Hydrogen cyanide, anhydrous, stabilized							

172.102 Optional Hazardous Materials Table (Cont'd)

(1) Notes and Symbols	(2) Hazardous Materials Description and Proper Shipping Names	(3) IMCO Class	(4) Identification Number	(5) Label(s) required	(6) Packaging Group	(7) Vessel Stowage Requirements (a) Cargo vessel	(b) Passenger vessel	(c) Other requirements
	Hydrocyanic acid, aqueous solutions, *with not more than 20% hydrocyanic acid*	6.1	UN 1613	Poison	I	1	5	Stow 'away from' living quarters
	Hydrofluoric acid and sulphuric acid mixtures	8	UN 1786	Corrosive, Poison	I	1	5	Stow 'away from' fluorides
	Hydrofluoric acid, solution	8	UN 1790	Corrosive, Poison	I/II	1	5	Keep cool
	Hydrofluosilicic acid. *See* Fluosilicic acid							
*	Hydrogen and methane mixtures, compressed	2.1	UN 2034	Flammable Gas	–	1,2	5	
*	Hydrogen bromide, anhydrous	2.3	UN 1048	Poison Gas, Corrosive	–	1	5	
*	Hydrogen chloride, anhydrous	2.2	UN 1050	Nonflammable Gas, Corrosive	–	1	5	Stow 'away from' foodstuffs and living quarters
	Hydrogen, *compressed*	2.1	UN 1049	Flammable Gas	–	1,2	5	Stow 'separated from' chlorine, 'away from' living quarters
*	Hydrogen cyanide, anhydrous, stabilized	6.1	UN 1051	Poison, Flammable Liquid	I	1	5	Shade from radiant heat. Segregation same as for flammable liquids
*	Hydrogen cyanide, anhydrous, stabilized, *absorbed in a porous inert material*	6.1	UN 1614	Poison	I	1	5	Shade from radiant heat. Stow 'away from' living quarters
*	Hydrogen fluoride, anhydrous	2.3	UN 1052	Poison Gas, Corrosive	–	1	5	
*	Hydrogen iodide, anhydrous	2.2	UN 2197	Nonflammable Gas, Corrosive	–	1	5	Stow 'away from' living quarters
*	Hydrogen iodide, solution. *See* Hydriodic acid solution							
*	Hydrogen peroxide, aqueous solutions *with not less than 8% but less than 20% hydrogen peroxide (stabilized as necessary)*	5.1	UN 2984	Oxidizer	III	1,2	1	Shade from radiant heat. Stow 'away from' powdered metals and 'separated from' permanganates
*	Hydrogen peroxide, aqueous solutions *with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)*	5.1	UN 2014	Oxidizer, Corrosive	II	1	5	Shade from radiant heat. Stow 'away from' powdered metals and 'separated from' permanganates
*	Hydrogen peroxide, stabilized, *or* Hydrogen peroxide, aqueous solutions, stabilized, *with more than 60% hydrogen peroxide*	5.1	UN 2015	Oxidizer, Corrosive	I	1	5	Shade from radiant heat. Stow 'away from' powdered metals and 'separated from' permanganates
	Hydrogen, *refrigerated liquid*	2.1	UN 1966	Flammable Gas	–	5	5	
*	Hydrogen selenide, *anhydrous*	2.3	UN 2202	Poison Gas, Flammable Gas	–	1	5	Stow 'away from' living quarters
	Hydrogen sulphide	2.1	UN 1053	Flammable Gas, Poison Gas	–	1	5	Stow 'away from' foodstuffs and living quarters
	Hydroquinone	6.1	UN 2662	St. Andrews Cross	III	1,2	1,2	
	Hydrosilicofluoric acid. *See* Fluosilicic acid							
	Hydroxylamine sulphate	8	UN 2865	Corrosive	III	1,2	1,2	Keep dry
*	Hypochlorite, solutions *with more than 5% available chlorine*	8	UN 1791	Corrosive	II/III	1,2	1	Glass carboys in hampers prohibited under deck
	Igniter for aircraft thrust device *for assisted take-off*	4.1	UN 2792	Flammable Solid	II	1,2	5	
	Igniters	1.4 G	UN 0325	Explosive (1.4G)	–	1,3	1,3	
N	Igniters	1.1G	UN 0121	Explosive (1.1G)	–	–	–	
N	Igniters	1.2G	UN 0314	Explosive (1.2G)	–	–	–	
N	Igniters	1.3G	UN 0315	Explosive (1.3G)	–	–	–	
	3,3'-Iminobispropylamine	8	UN 2269	Corrosive	III	1,2	1,2	
*	Inflammable gas in lighters. *See* Lighters, for cigars and cigarettes, *etc. with flammable gas*							
	Inflammable liquid preparations, n.o.s. *See* Flammable liquid preparations, n.o.s.							
*	Inflammable liquids, corrosive, n.o.s. *See* Flammable liquids, corrosive, n.o.s.							
*	Inflammable liquids, n.o.s. *See* Flammable liquids, n.o.s.							
*	Inflammable liquids, poisonous, n.o.s. *See* Flammable liquids, poisonous, n.o.s.							
*	Inflammable solids, corrosive, n.o.s. *See* Flammable solids, corrosive, n.o.s.							
	Inflammable solids, n.o.s. *See* Flammable solids, n.o.s.							
*	Inflammable solids, poisonous, n.o.s. *See* Flammable solids, poisonous, n.o.s.							
*	Ink, printers	3.2	UN 1210	Flammable Liquid	II	1,2	1	
		3.3	UN 1210	Flammable Liquid	III	1,2	1,2	
*	Insecticide gases, *non-toxic*, n.o.s.	2.1	UN 1968	Flammable Gas	–	1,2	1	
		2.2	UN 1968	Nonflammable Gas	–	1,3	1,3	
	Insecticide gases, *toxic*, n.o.s.	2.3	UN 1967	Poison Gas	–	1	5	Shade from radiant heat
	Iodine monochloride	8	UN 1792	Corrosive	II	1	5	Keep dry
	Iodine pentafluoride	5.1	UN 2495	Oxidizer, Poison	I	1	5	Keep dry
	2-Iodobutane	3.2	UN 2390	Flammable Liquid	II	1,2	1	
	Iodomethylpropanes	3.2	UN 2391	Flammable Liquid	II	1,2	1	
	Iodopropanes	3.2	UN 2392	Flammable Liquid	II	1,2	1	
		3.3	UN 2392	Flammable Liquid	II	1,2	1,2	
	Iron carbonyl. *See* Iron pentacarbonyl							
	Iron chloride. *See* Ferric chloride, anhydrous							
	Iron oxide, *spent*	4.2	UN 1376	Spontaneously Combustible	III	1,2	5	
	Iron pentacarbonyl	6.1	UN 1994	Poison, Flammable Liquid	I	1	5	Segregation same as for flammable liquids. Shade from radiant heat
	Iron sesquichloride. *See* Ferric chloride							
	Iron sponge, *spent.* *See* Iron oxide, *spent*							
*	Isobutane *or* Isobutane mixtures	2.1	UN 1969	Flammable Gas	–	1,2	1	
	Isobutanol	3.3	UN 1212	Flammable Liquid	II	1,2	1,2	

172.102 Optional Hazardous Materials Table (Cont'd)

(1) Notes and Symbols	(2) Hazardous Materials Description and Proper Shipping Names	(3) IMCO Class	(4) Identification Number	(5) Label(s) required	(6) Packaging Group	(7) Vessel Stowage Requirements (a) Cargo vessel	(b) Passenger vessel	(c) Other requirements
	Isobutyl acetate	3.2	UN 1213	Flammable Liquid	II	1,2	1	
	Isobutyl acrylate, *inhibited*	3.3	UN 2527	Flammable Liquid	II	1,2	1,2	
	Isobutyl alcohol. *See* Isobutanol							
	Isobutyl aldehyde. *See* Isobutyraldehyde							
	Isobutylamine	3.2	UN 1214	Flammable Liquid	II	1,2	1	
*	Isobutylene	2.1	UN 1055	Flammable Gas	--	1,2	1	
	Isobutyl formate	3.2	UN 2393	Flammable Liquid	II	1,2	1	
*	Isobutyl isobutyrate	3.3	UN 2528	Flammable Liquid	III	1,2	1,2	
	Isobutyl isocyanate	3.2	UN 2486	Flammable Liquid, Poison	II	1	5	Keep cool. Stow 'away from' living quarters and sources of heat
	Isobutyl methacrylate, *inhibited*	3.3	UN 2283	Flammable Liquid	III	1,2	1,2	
	Isobutyl methyl ketone peroxide, *maximum concentration 62% in solution*	5.2	UN 2126	Organic Peroxide	I	1	5	
	Isobutyl propionate	3.2	UN 2394	Flammable Liquid	II	1,2	1	
	Isobutyraldehyde	3.1	UN 2045	Flammable Liquid	II	1,3	5	Keep cool
	Isobutyric acid	3.3	UN 2529	Flammable Liquid	III	1,2	1,2	
	Isobutyric anhydride	3.3	UN 2530	Flammable Liquid	III	1,2	1,2	
	Isobutyronitrile	3.2	UN 2284	Flammable Liquid, Poison	II	1,3	5	Keep cool
	Isobutyryl chloride	3.2	UN 2395	Flammable Liquid, Poison	II	1	1	Keep dry. Shade from radiant heat
	Isobutyryl peroxide, *maximum concentration 52% in solution*	5.2	UN 2182	Organic Peroxide	II	1	5	Control temperature -20 deg C. Emergency temperature -10 deg C
	Isocyanates, n.o.s. *or* Isocyanate solutions, n.o.s., *boiling point not less than 300 deg C*	6.1	UN 2207	St. Andrews Cross	III	1,2	1,2	Stow 'away from' sources of heat
	Isocyanates, n.o.s. *or* Isocyanate solutions, n.o.s., *flashpoint not less than 23 deg C, boiling point less than 300 deg C*	6.1	UN 2206	Poison, Flammable Liquid (only if flashpoint is below 61 deg C.)	II	1,3	1	Shade from radiant heat. Segregation same as for flammable liquids if flashpoint below 61 deg C
	Isocyanates, n.o.s. *or* Isocyanate solutions, n.o.s. *flashpoint not less than -18 deg C but less than 23 deg C*	3.2	UN 2478	Flammable Liquid, Poison	II	1	5	
	Isocyanates, n.o.s. *or* Isocyanate solutions, n.o.s. *flashpoint less than -18 deg C*	3.1	UN 2478	Flammable Liquid, Poison	II	1	5	Stow 'away from' sources of heat. Keep cool.
*	Isocyanatobenzotrifluorides	6.1	UN 2285	Poison	II	1,2	1	Shade from radiant heat. Stow 'away from' living quarters
	Isoheptene	3.1	UN 2287	Flammable Liquid	II	1,3	5	Keep cool
	Isohexene	3.1	UN 2288	Flammable Liquid	II	1,3	5	Keep cool
*	Isononanoyl peroxide. *See* Di-(3,3,5-trimethylhexanoyl) peroxide				--	--	--	
	Isooctene	3.2	UN 1216	Flammable Liquid	II	1,2	1	
*	Isopentane. *See* Pentanes							
	Isopentenes	3.1	UN 2371	Flammable Liquid	I	1,3	5	Keep cool
	Isophoronediamine	8	UN 2289	Corrosive	III	1,2	1,2	Glass carboys prohibited on passenger vessels
	Isophorone diisocyanate	6.1	UN 2290	Poison	II	1,2	1	Stow 'away from' living quarters
*	Isoprene, inhibited	3.1	UN 1218	Flammable Liquid	I	1,3	5	Keep cool
	Isopropanol	3.2	UN 1219	Flammable Liquid	II	1,2	1	
	Isopropenyl acetate	3.2	UN 2403	Flammable Liquid	II	1,2	1	
	Isopropenylbenzene	3.3	UN 2303	Flammable Liquid	II	1,2	1,2	
	Isopropyl acetate	3.2	UN 1220	Flammable Liquid	II	1,2	1	
*	Isopropyl acid phosphatic	8	UN 1793	Corrosive	III	1,2	1,2	Glass carboys in hampers prohibited under deck
	Isopropyl alcohol. *See* Isopropanol							
	Isopropylamine	3.1	UN 1221	Flammable Liquid	I	1,3	5	Keep cool
	Isopropylbenzene	3.3	UN 1918	Flammable Liquid	II	1,2	1,2	
	Isopropyl butyrate	3.3	UN 2405	Flammable Liquid	II	1,2	1,2	
*	Isopropyl chloroacetate	3.3	UN 2947	Flammable Liquid	III	1,2	1,2	
	Isopropyl chloroformate	3.2	UN 2407	Flammable Liqeid, Corrosive	II	1,2	1	
*	Isopropyl-2-chloropropionate	3.3	UN 2934	Flammable Liquid	III	1,2	1,2	
	Isopropyl isobutyrate	3.2	UN 2406	Flammable Liquid	II	1,2	1	
*	Isopropyl isocyanate	3.2	UN 2483	Flammable Liquid, Poison	I	1	5	Keep cool
	Isopropyl nitrate	3.2	UN 1222	Flammable Liquid	II	1,2	1	
	Isopropyl propionate	3.2	UN 2409	Flammable Liquid	II	1,2	1	
	Isosorbide dinitrate mixture *with not less than 60% lactose, mannose, starch, or calcium hydrogen phosphate*	4.1	UN 2907	Flammable Solid	II	1,2	5	
N	Jet perforating guns, charged, *oil well, without detonator*	1.1D	UN 0124	Explosive (1.1D)	--	--	--	
	Jute, dry. See Fibres, *vegetable, dry*							
	Kapok, dry. See Fibres, *vegetable, dry*							
	Kerosene	3.3	UN 1223	Flammable Liquid	II	1,2	1,2	
*	Ketones, liquid, n.o.s.	3.1	UN 1224	Flammable Liquid	I/II	1,3	5	Keep cool
		3.2	UN 1224	Flammable Liquid	II	1,2	1	
		3.3	UN 1224	Flammable Liquid	II	1,2	1,2	
	Krypton, *compressed*	2.2	UN 1056	Nonflammable Gas	--	1,2	1,2	
	Krypton, refrigerated liquid	2.2	UN 1970	Nonflammable Gas	--	1,2	1	
	Lacquer base. *See* Paints, *etc.*							
	Lacquer chips. *See* Nitrocellulose, *wetted with, by weight, more than 40% flammable liquids.*							

172.102 Optional Hazardous Materials Table (Cont'd)

(1) Notes and Symbols	(2) Hazardous Materials Description and Proper Shipping Names	(3) IMCO Class	(4) Identification Number	(5) Label(s) required	(6) Packaging Group	(7) Vessel Stowage Requirements (a) Cargo vessel	(b) Passenger vessel	(c) Other requirements
	Lacquers. *See* Paints, *etc.*							
	Lauroyl peroxide. *See* Dilauroyl peroxide				--	--	--	
	Lead acetate	6.1	UN 1616	St. Andrews Cross	III	1,2	1,2	
	Lead arsenates	6.1	UN 1617	Poison	II	1,2	1,2	
	Lead arsenites	6.1	UN 1618	Poison	II	1,2	1,2	
N	Lead azide, *containing, by weight, at least 20% water or mixture of alcohol and water*	1.1A	UN 0129	Explosive (1.1A)	--	--	--	
	Lead compounds, soluble, n.o.s.	6.1	UN 2291	St. Andrews Cross	III	1,2	1,2	
	Lead cyanide	6.1	UN 1620	Poison	II	1,2	1,2	Stow 'away from' acids
	Lead dioxide	5.1	UN 1872	Oxidizer	III	1,2	1,2	Stow 'away from' foodstuffs
*	Lead dross. *See* Lead sulphate, *with more than 3% free acid*							
*	Lead nitrate	5.1	UN 1469	Oxidizer, Poison	II	1,2	1,2	
*	Lead perchlorate	5.1	UN 1470	Oxidizer, Poison	II	1,2	1,2	Stow 'away from' powdered metals
	Lead peroxide. *See* Lead dioxide							
*	Lead phosphite dibasic	4.1	UN 2989	Flammable Solid	II	1,2	1	Stow 'away from' foodstuffs
N	Lead styphnate, *containing, by weight, at least 20% water or mixture of alcohol and water*	1.1A	UN 0130	Explosive (1.1A)	--	--	--	
*	Lead sulphate, *with more than 3% free acid*	8	UN 1794	Corrosive	II	1,2	1,2	
	Life-rafts, *inflatable*	9	--	None	--	1,2	1,2	
	Lighter fuels, *cigar and cigarette*	3.2	UN 1226	Flammable Liquid	II	1,2	1	
*	Lighters for cigars and cigarettes, *etc., with flammable gas*	2.1	UN 1057	Flammable Gas	--	1	1	
*	Lighters *for cigars and cigarettes, etc., with* fuel	3.2	UN 1226	Flammable Liquid	II	1,2	1	
	Lighters, fuse	1.4 S	UN 0131	None. Package to be marked '1.4 S'	--	1,3	1,3	
*	*Liquefied gases, n.o.s. See Compressed or Liquefied gases, n.o.s.*							
*	Liquefied non-flammable gases *charged with* nitrogen, carbon dioxide *or* air	2.2	UN 1058	Nonflammable Gas	--	1,2	1,2	
	Lithium alkyls	4.2	UN 2445	Spontaneously Combustible	I	1	1	
	Lithium aluminium hydride	4.3	UN 1410	Dangerous When Wet	I	1,2	5	
	Lithium aluminium hydride, *ethereal*	4.3	UN 1411	Dangerous When Wet, Flammable Liquid	I	1	5	
	Lithium amide	4.3	UN 1412	Dangerous When Wet	II	1,2	5	
	Lithium borohydride	4.3	UN 1413	Dangerous When Wet	I	1,2	5	
	Lithium ferrosilicon	4.3	UN 2830	Dangerous When Wet	II	1,2	5	
	Lithium hydride	4.3	UN 1414	Dangerous When Wet	I	1,2	5	
	Lithium hydride, fused solid	4.3	UN 2805	Dangerous When Wet	II	1,2	5	
	Lithium hydroxide monohydrate	8	UN 2680	Corrosive	II	1,2	1,2	Keep dry
	Lithium hydroxide, solution	8	UN 2679	Corrosive	II	1,2	1,2	Glass carboys not permitted under deck on passenger vessels
*	Lithium hypochlorite, dry *or* Lithium hypochlorite mixtures *containing more than 39% available chlorine (8.8% available oxygen)*	5.1	UN 1471	Oxidizer	II	1,2	1,2	
*	Lithium, *metal*	4.3	UN 1415	Dangerous When Wet	II	1,2	5	
	Lithium nitrate	5.1	UN 2722	Oxidizer	III	1,2	1,2	
	Lithium nitride	4.3	UN 2806	Dangerous When Wet	I	1,2	5	
	Lithium peroxide	5.1	UN 1472	Oxidizer	II	1,2	1,2	Keep dry
	Lithium silicon	4.3	UN 1417	Dangerous When Wet	II	1,2	1,2	
	London purple	6.1	UN 1621	Poison	II	1,2	1,2	
	Lye. *See* Sodium hydroxide							
*	Magnesium aluminium phosphide	4.3	UN 1419	Dangerous When Wet	I	1,2	5	When stowed under deck, stow in a mechanically ventilated space
	Magnesium arsenate	6.1	UN 1622	Poison	II	1,2	1,2	
	Magnesium bromate	5.1	UN 1473	Oxidizer	II	1,2	1,2	Stow 'away from' powdered metals, 'separated from' ammonium compounds
	Magnesium chlorate	5.1	UN 2723	Oxidizer	II	1,2	1,2	Stow 'separated from' ammonium compounds and 'away from' finely powdered metals
	Magnesium diamide	4.2	UN 2004	Spontaneously Combustible	II	1	1	
	Magnesium diphenyl	4.2	UN 2005	Spontaneously Combustible	I	1	1	
*	Magnesium granules, coated *containing more than 50% magnesium, particle size not less than 149 microns*	4.3	UN 2950	Dangerous When Wet	III	1,2	1,2	
	Magnesium hydride	4.3	UN 2010	Dangerous When Wet	I	1,2	5	
	Magnesium nitrate	5.1	UN 1474	Oxidizer	III	1,2	1,2	
*	Magnesium *or* Magnesium alloys *with more than 50% magnesium, in pellets, turnings or ribbon*	4.1	UN 1869	Flammable Solid	III	1,2	1,2	Stow 'away from' liquid halogenated hydrocarbons
	Magnesium perchlorate	5.1	UN 1475	Oxidizer	II	1,2	1,2	Stow 'away from' powdered metals
	Magnesium peroxide	5.1	UN 1476	Oxidizer	II	1,2	1,2	Keep dry
*	Magnesium phosphide	4.3	UN 2011	Dangerous When Wet, Poison	I	1,2	5	When stowed under deck, stow in a mechanically ventilated space
	Magnesium powder *or* Magnesium alloys, powder *containing more than 50% magnesium, non-pyrophoric*	4.3	UN 1418	Dangerous When Wet	II	1,2	1,2	Stow 'away from' liquid halogenated hydrocarbons
	Magnesium silicide	4.3	UN 2624	Dangerous When Wet	II	1,2	1	
	Magnesium silicofluoride	6.1	UN 2853	St. Andrews Cross	III	1,2	1,2	Stow 'away from' acids
	Maleic anhydride, *solid or molten*	8	UN 2215	None. Package to be marked 'Class 8'	III	1,2	1,2	Stow 'away from' foodstuffs

172.102 Optional Hazardous Materials Table (Cont'd)

(1) Notes and Symbols	(2) Hazardous Materials Description and Proper Shipping Names	(3) IMCO Class	(4) Identification Number	(5) Label(s) required	(6) Packaging Group	(7) Vessel Stowage Requirements (a) Cargo vessel	(b) Passenger vessel	(c) Other requirements
	Malononitrile	6.1	UN 2647	Poison	II	1,3	1,3	Keep cool. Stow 'away from' living quarters
*	Maneb, *or* Maneb preparation(s), *stabilized against self-heating*	4.3	UN 2968	Dangerous When Wet	III	1,2	1,2	Stow 'away from' acids, living quarters and foodstuffs
*	Maneb, *or* maneb preparation(s) *with not less than 60% maneb*	4.2	UN 2210	Spontaneously Combustible, Dangerous When Wet	III	1,2	1,2	Stow 'away from' acids, living quarters and foodstuffs. Keep cool and dry
	Manganese ethylene-bis-dithiocarbamate. See Maneb							
	Manganese nitrate	5.1	UN 2724	Oxidizer	III	1,2	1,2	
	Manganese resinate	4.1	UN 1330	Flammable Solid	III	1,2	1,2	
N	Mannitol hexanitrate, *containing, by weight, at least 40% water or mixture of alcohol and water*	1.1D	UN 0133	Explosive (1.1D)	–	–	–	
	Matches, *fuze*	4.1	UN 2254	Flammable Solid	III	1,2	1,2	
	Matches, safety	4.1	UN 1944	Flammable Solid	III	1,2	1,2	
	Matches, *strike anywhere*	4.1	UN 1331	Flammable Solid	III	1,2	1	
	Matches, wax *'vesta'*	4.1	UN 1945	Flammable Solid	III	1,2	1	
N	Medicines, n.o.s. *to be classified and labeled according to the principle hazardous constituent*	–	UN 1851		–			
	MEKP. See Ethyl methyl ketone peroxide							
	p-Menthane hydroperoxide, *technical pure*	5.2	UN 2125	Organic Peroxide	I	1	5	
*	Mercaptans, liquid, n.o.s. *or* Mercaptan mixtures, liquid, n.o.s.	3.1	UN 1228	Flammable Liquid	II	1,3	5	Keep cool
		3.2	UN 1228	Flammable Liquid	II	1,2	1	
		3.3	UN 1228	Flammable Liquid	II	1,2	1,2	
	Mercuric acetate. *See* Mercury acetate							
	Mercuric arsenate	6.1	UN 1623	Poison	II	1,2	1,2	
	Mercuric bromide. *See* Mercury bromides							
	Mercuric chloride	6.1	UN 1624	Poison	II	1,2	1,2	
	Mercuric cyanide. *See* Mercury cyanide							
	Mercuric nitrate	6.1	UN 1625	Poison	II	1,2	1,2	
	Mercuric oxycyanide. *See* Mercury oxycyanide							
	Mercuric potassium cyanide	6.1	UN 1626	Poison	I	1,2	1,2	Stow 'away from' acids
	Mercuric sulphate	6.1	UN 1645	Poison	II	1,2	1,2	
	Mercurol. *See* Mercury nucleate							
	Mercurous acetate. *See* Mercury acetate							
	Mercurous bromide. *See* Mercury bromides							
	Mercurous nitrate	6.1	UN 1627	Poison	II	1,2	1,2	
	Mercurous sulphate	6.1	UN 1628	Poison	II	1,2	1,2	
	Mercury acetate	6.1	UN 1629	Poison	II	1,2	1,2	
	Mercury ammonium chloride	6.1	UN 1630	Poison	II	1,2	1,2	
*	Mercury based pesticides, liquid, flammable, toxic, n.o.s., *flashpoint below 23 deg C*	3.2	UN 2778	Flammable Liquid and Poison or St. Andrews Cross (according to toxicity)	I/II	1,2	1	
*	Mercury based pesticides, liquid, toxic, flammable, n.o.s., *flashpoint between 23 deg C and 61 deg C*	6.1	UN 3011	Poison, Flammable Liquid	I	1	1	Segregation same as for flammable liquids
		6.1	UN 3011	Poison, Flammable Liquid	II	1,2	1	Segregation same as for flammable liquids
		6.1	UN 3011	St. Andrews Cross, Flammable Liquid	III	1,2	1,2	Segregation same as for flammable liquids
*	Mercury based pesticides, liquid, toxic, n.o.s.	6.1	UN 3012	Poison	I	1	1	
		6.1	UN 3012	Poison	II	1,2	1	
		6.1	UN 3012	St. Andrews Cross	III	1,2	1,2	
*	Mercury based pesticides, solid, toxic, n.o.s.	6.1	UN 2777	Poison	I/II	1,2	1,2	
		6.1	UN 2777	St. Andrews Cross	III	1,2	1,2	
	Mercury benzoate	6.1	UN 1631	Poison	II	1,2	1,2	
	Mercury bisulphate	6.1	UN 1633	Poison	II	1,2	1,2	
	Mercury bromides	6.1	UN 1634	Poison	II	1,2	1,2	
	Mercury compounds, liquid, n.o.s.	6.1	UN 2024	Poison	I/II	1,2	1	
		6.1	UN 2024	St. Andrews Cross	III	1,2	1	
	Mercury compounds, solid, n.o.s.	6.1	UN 2025	Poison	I/II	1,2	1,2	
		6.1	UN 2025	St. Andrews Cross	III	1,2	1,2	
	Mercury cyanide	6.1	UN 1636	Poison	II	1,2	1,2	Stow 'away from' living quarters and acids
N	Mercury fulminate, *containing, by weight, at least 20% water or mixture of alcohol and water*	1.1A	UN 0135	Explosive (1.1A)	–	–	–	
	Mercury gluconate	6.1	UN 1637	Poison	II	1,2	1,2	
	Mercury iodide	6.1	UN 1638	Poison	II	1,2	1,2	
	Mercury, *metal*	8	UN 2809	Corrosive	III	1,2	1	Stow 'away from' living quarters and azides
	Mercury nucleate	6.1	UN 1639	Poison	II	1,2	1,2	
	Mercury oleate	6.1	UN 1640	Poison	II	1,2	1,2	
	Mercury oxide	6.1	UN 1641	Poison	II	1,2	1,2	
	Mercury oxycyanide	6.1	UN 1642	Poison	II	1,2	1,2	Stow 'away from' acids
	Mercury potassium iodide	6.1	UN 1643	Poison	II	1,2	1,2	
	Mercury salicylate	6.1	UN 1644	Poison	II	1,2	1,2	
	Mercury thiocyanate	6.1	UN 1646	Poison	II	1,2	1,2	
	Mesityl oxide	3.3	UN 1229	Flammable Liquid	II	1,2	1,2	

172.102 Optional Hazardous Materials Table (Cont'd)

(1) Notes and Symbols	(2) Hazardous Materials Description and Proper Shipping Names	(3) IMCO Class	(4) Identification Number	(5) Label(s) required	(6) Packaging Group	(7) Vessel Stowage Requirements (a) Cargo vessel	(b) Passenger vessel	(c) Other requirements
*	Metal alkyls, n.o.s.	4.2	UN 2003	Spontaneously Combustible	I	1	5	
	Metaldehyde	4.1	UN 1332	Flammable Solid	III	1,2	1,2	
	Methacraldehyde	3.2	UN 2396	Flammable Liquid, Poison	II	1,3	5	Keep cool
	Methacrylic acid, inhibited	8	UN 2531	Corrosive	III	1	1	Keep cool. Glass carboys prohibited on passenger vessels
	Methallyl alcohol	3.3	UN 2614	Flammable Liquid	II	1,2	1,2	
*	Methane *or* Natural gases *with a high* methane *content, compressed*	2.1	UN 1971	Flammable Gas	–	1,2	5	Stow 'away from' living quarters
*	Methane *or* Natural gases *with a high* methane *content, refrigerated liquid*	2.1	UN 1972	Flammable Gas	–	1	5	Stow 'away from' living quarters
	Methanol	3.2	UN 1230	Flammable Liquid, Poison	II	1,2	1	
	Methoxymethyl isocyanate	3.2	UN 2605	Flammable Liquid, Poison	I	1	5	Keep cool. Stow 'away from' living quarters and sources of heat
	4-Methoxy-4-methylpentan-2-one	3.3	UN 2293	Flammable Liquid	III	1,2	1,2	
	Methyl acetate	3.2	UN 1231	Flammable Liquid	II	1,2	1	
	Methyl acetone	3.2	UN 1232	Flammable Liquid	II	1,2	1	
	Methyl acetylene and propadiene *mixture, stabilized*	2.1	UN 1060	Flammable Gas	–	1,2	1	Stow 'away from' living quarters
	beta-Methyl acrolein. *See* Crotonaldehyde, *inhibited*							
	Methyl acrylate, *inhibited*	3.2	UN 1919	Flammable Liquid	II	1,2	1	
	Methylal	3.1	UN 1234	Flammable Liquid	II	1,3	5	Keep cool
	Methyl alcohol. *See* Methanol							
	Methyl allyl chloride	3.1	UN 2554	Flammable Liquid	II	1,3	5	Keep cool
	Methyl aluminium sesquibromide	4.2	UN 1926	Spontaneously Combustible	I	1	1	
	Methyl aluminium sesquichloride	4.2	UN 1927	Spontaneously Combustible	I	1	1	
	Methylamine, *anhydrous*	2.1	UN 1061	Flammable Gas	–	1,2	5	Stow 'away from' living quarters
	Methylamine, aqueous solution	3.1	UN 1235	Flammable Liquid	II	1,3	5	Keep cool. Stow 'away from' mercury and its compounds
	Methylamyl acetate	3.3	UN 1233	Flammable Liquid	III	1,2	1,2	
	Methyl amyl ketone. *See* Amyl methyl ketone							
	N-Methylaniline	6.1	UN 2294	St. Andrews Cross	III	1,2	1,2	
*	Methylbenzoate	6.1	UN 2938	St. Andrews Cross	III	1,2	1,2	
*	alpha-Methylbenzyl alcohol	6.1	UN 2937	St. Andrews Cross	III	1,2	1,2	
*	Methyl bromide	2.3	UN 1062	Poison Gas	–	1,2	5	Under deck stowage permitted only if an indicating substance such as chloropicrin has been added
	Methyl bromide and chloropicrin, mixtures. *See* Chloropicrin and methyl bromide, mixtures							
	Methyl bromide and ethylene dibromide mixtures, liquid	6.1	UN 1647	Poison	I	1	1	Stow 'away from' living quarters
	Methyl bromoacetate	6.1	UN 2643	Poison	II	1	5	Keep cool. Stow 'away from' living quarters
	2-Methyl-1,3-butadiene. *See* Isoprene							
	3-Methyl butan-2-one	3.2	UN 2397	Flammable Liquid	II	1,2	1	
	3-Methyl-1-butene	3.2	UN 2561	Flammable Liquid	II	1,2	1	
	2-Methyl-1-butene	3.1	UN 2459	Flammable Liquid	I	1,3	5	Keep cool
	2-Methyl-2-butene	3.1	UN 2460	Flammable Liquid	II	1,3	5	Keep cool
*	N-Methylbutylamine	3.2	UN 2945	Flammable Liquid	II	1,2	1	
	Methyl-tert-butyl ether	3.2	UN 2398	Flammable Liquid	II	1,2	1	
	Methyl butyrate	3.2	UN 1237	Flammable Liquid	II	1,2	1	
*	Methyl chloride	2.3	UN 1063	Poison Gas, Flammable Gas	–	1,2	5	
	Methyl chloride and chloropicrin, mixtures. See Chloropicrin and methyl chloride, mixtures							
*	Methyl chloride and methylene chloride, mixtures	2.1	UN 1912	Flammable Gas	–	1,2	5	
	Methyl chloroacetate	3.3	UN 2295	Flammable Liquid	II	1,2	1,2	
	Methyl chlorocarbonate. *See* Methyl chloroformate							
	Methyl chloroformate	3.2	UN 1238	Flammable Liquid, Poison, Corrosive	I	1,2	1	
	Methylchloromethyl ether	3.1	UN 1239	Flammable Liquid	II	1	5	Keep cool
*	Methyl-2-chloropropionate	3.3	UN 2933	Flammable Liquid	III	1,2	1,2	
	Methyl chlorosilane	3.2	UN 2534	Flammable Liquid, Corrosive	I	1,2	1	
	Methyl cyanide	3.2	UN 1648	Flammable Liquid, Poison	II	1,2	1	
	Methyl cyclohexane	3.2	UN 2296	Flammable Liquid	II	1,2	1	
	Methyl cyclohexanol	3.3	UN 2617	Flammable Liquid	III	1,2	1,2	
	Methyl cyclohexanone	3.3	UN 2297	Flammable Liquid	III	1,2	1,2	
	Methyl cyclopentane	3.1	UN 2298	Flammable Liquid	II	1,2	1	
	Methyl dichloroacetate	6.1	UN 2299	St. Andrews Cross	III	1,2	1,2	Stow 'away from' living quarters
	Methyldichlorosilane	3.2	UN 1242	Flammable Liquid, Corrosive	I	1,2	1	
	Methylene chloride. *See* Dichloromethane							
*	*Methylene di (phenylene isocyanate). See* Diphenylmethane diisocyanate							
	Methyl ethyl ether. *See* Ethyl methyl ether							

172.102 Optional Hazardous Materials Table (Cont'd)

(1) Notes and Symbols	(2) Hazardous Materials Description and Proper Shipping Names	(3) IMCO Class	(4) Identification Number	(5) Label(s) required	(6) Packaging Group	(7) Vessel Stowage Requirements (a) Cargo vessel	(b) Passenger vessel	(c) Other requirements
	Methyl ethyl ketone peroxide(s). *See* Ethyl methyl ketone peroxide							
	Methyl ethyl ketone. *See* Ethyl methyl ketone							
	2-Methyl-5-ethylpyridine	6.1	UN 2300	St. Andrews Cross	III	1,2	1,2	Stow 'away from' living quarters
	Methyl fluoride	2.1	UN 2454	Flammable Gas	–	1,2	5	
	Methyl formate	3.1	UN 1243	Flammable Liquid	I	1,3	5	Keep cool
	2-Methylfuran	3.1	UN 2301	Flammable Liquid	II	1,3	5	Keep cool
	5-Methylhexan-2-one	3.3	UN 2302	Flammable Liquid	III	1,2	1,2	
	Methylhydrazine	3.2	UN 1244	Flammable Liquid, Corrosive	I	1,2	1	
	Methyl iodide	6.1	UN 2644	Poison	II	1,3	1,3	Keep cool. Stow 'away from' living quarters
	Methyl isobutyl carbinol	3.3	UN 2053	Flammable Liquid	III	1,2	1,2	
	Methyl isobutyl ketone	3.2	UN 1245	Flammable Liquid	II	1,2	1	
*	Methyl isocyanate *or* Methyl isocyanate solutions	3.2	UN 2480	Flammable Liquid, Poison	I	1	5	Keep cool. Stow 'away from' living quarters and sources of heat
	Methyl isopropenyl ketone, *inhibited*	3.2	UN 1246	Flammable Liquid	II	1,2	1	
	Methyl isothiocyanate	3.2	UN 2477	Flammable Liquid, Poison	II	1	5	Keep cool. Stow 'away from' living quarters and sources of heat
	Methylisovalerate	3.2	UN 2400	Flammable Liquid	II	1,2	1	
*	Methyl magnesium bromide, in ethyl ether	4.2	UN 1928	Spontaneously Combustible	I	1	5	
*	Methylmercaptan	2.1	UN 1064	Flammable Gas	–	1,2	1	
	Methyl methacrylate, *monomer, inhibited*	3.2	UN 1247	Flammable Liquid	II	1,2	1	
	Methylmorpholine	3.2	UN 2535	Flammable Liquid, Corrosive	II	1,2	1	
		3.3	UN 2535	Flammable Liquid, Corrosive	II	1,2	1,2	
*	*Methyl nitrite - Carriage Forbidden*							
	Methyl orthosilicate	3.2	UN 2606	Flammable Liquid, Poison	I	1,3	5	Keep cool
	Methylpentadiene	3.1	UN 2461	Flammable Liquid	II	1,3	5	Keep cool
	Methylpentanes	3.1	UN 2462	Flammable Liquid	II	1,3	5	Keep cool
	2-Methylpentan-2-ol	3.3	UN 2560	Flammable Liquid	II	1,2	1,2	
*	Methylphenyldichlorosilane	3.3	UN 2437	Flammable Liquid, Corrosive	II	1	1	
	1-Methylpiperidine	3.2	UN 2399	Flammable Liquid	II	1,2	1	
	Methyl propionate	3.2	UN 1248	Flammable Liquid	II	1,2	1	
	Methyl propyl ether	3.1	UN 2612	Flammable Liquid	II	1,3	5	Keep cool
	Methyl propyl ketone	3.2	UN 1249	Flammable Liquid	II	1,2	1	
	Methyl sulphide. *See* Dimethyl sulfide							
	Methyltetrahydrofuran	3.2	UN 2536	Flammable Liquid	II	1,2	1	
	Methyl trichloroacetate	6.1	UN 2533	St. Andrews Cross	III	1,2	1,2	
	Methyltrichlorosilane	3.2	UN 1250	Flammable Liquid, Corrosive	II	1,2	1	
	alpha-Methyl valeraldehyde	3.3	UN 2367	Flammable Liquid	III	1,2	1,2	
	Methyl vinyl ketone	3.2	UN 1251	Flammable Liquid	II	1,2	1	
N	Mines, *with bursting charge*	1.1D	UN 0137	Explosive (1.1D)	–	–	–	
N	Mines, *with bursting charge*	1.2D	UN 0138	Explosive (1.2D)	–	–	–	
N	Mines, *with bursting charge*	1.1F	UN 0136	Explosive (1.1F)	–	–	–	
N	Mines, *with bursting charge*	1.2F	UN 0294	Explosive (1.2F)	–	–	–	
*	*Mixed acid, spent. See* Acid mixtures, spent, nitrating							
	Molybdenum pentachloride	8	UN 2508	Corrosive	III	1	1	Keep dry. Glass carboys prohibited on passenger vessels
	Monochlorodifluoromethane. *See* Chlorodifluoromethane							
	Monochloropentafluoroethane. *See* Chloropentafluoroethane							
	Monochlorotetrafluoroethane. *See* Chlorotetrafluoroethane							
	Monochlorotrifluoromethane. *See* Chlorotrifluoromethane							
	Monoethanolamine. *See* Ethanolamine *and solutions thereof.*							
	Monoethylamine. *See* Ethylamine							
	Monomethylamine, *anhydrous. See* Methylamine, *anhydrous*							
*	Monomethylamine, *aqueous solution. See* Methylamine, aqueous solution							
	Mononitrotoluidines	6.1	UN 2660	St. Andrews Cross	III	1,2	1,2	
	Monopropylamine	3.1	UN 1277	Flammable Liquid	II	1,2	5	
	Morpholine	3.3	UN 2054	Flammable Liquid	II	1,2	1,2	
	Motor fuel anti-knock mixtures	6.1	UN 1649	Poison, Flammable Liquid (only if flashpoint below 61 deg C)	I	1	5	If flashpoint below 61 deg C segregation same as for flammable liquids. Stow 'away from' living quarters
	Motor fuel, n.o.s.	3.1	(UN 1203)	Flammable Liquid	II	1,3	5	Keep cool
	Motor spirit. *See* Gasoline							
	Muriatic acid. *See* Hydrochloric acid							
	Naphthalene, crude *or* refined	4.1	UN 1334	Flammable Solid	III	1,2	1,2	
	Naphtha, petroleum	3.2	UN 1255	Flammable Liquid	II	1,2	1	
	Naphtha, solvent	3.2	UN 1256	Flammable Liquid	II	1,2	1	
	Naphthylamine *(alpha)*	6.1	UN 2077	St. Andrews Cross	III	1,2	1,2	

172.102 Optional Hazardous Materials Table (Cont'd)

(1) Notes and Symbols	(2) Hazardous Materials Description and Proper Shipping Names	(3) IMCO Class	(4) Identification Number	(5) Label(s) required	(6) Packaging Group	(7) Vessel Stowage Requirements (a) Cargo vessel	(b) Passenger vessel	(c) Other requirements
	Naphthylamine *(beta)*	6.1	UN 1650	Poison	II	1,2	1,2	
	alpha-Naphthylthiourea	6.1	UN 1651	Poison	II	1,2	1,2	
	Naphthylurea	6.1	UN 1652	Poison	II	1,2	1,2	
	Napthalene, molten	4.1	UN 2304	Flammable Solid	III	1	1	
*	Natural gases *with a high methane content. See* Methane or natural gases, *etc*							
	Natural gasoline. *See* Casinghead gasoline							
	Neohexane. *See* Dimethyl butane							
	Neon, *compressed*	2.2	UN 1065	Nonflammable Gas	–	1,2	1,2	
	Neon, refrigerated liquid	2.2	UN 1913	Nonflammable Gas	–	1,2	1	
	Nickel carbonyl	6.1	UN 1259	Poison, Flammable Liquid	I	1	5	Keep cool. Prohibited on any ship carrying explosives except explosives in Division 1.4, Compatibility Group S. Shade from radiant heat. Segregation same as for flammable liquids
*	Nickel catalyst, dry *precipitated on a carrier with a special activator*	4.2	UN 2881	Spontaneously Combustible	I	1,2	1	
*	Nickel catalyst, wetted *with not less than 40% water or other suitable liquid, by weight, finely divided, activated, or spent*	4.2	UN 1378	Spontaneously Combustible	II	1,2	1	
	Nickel cyanide	6.1	UN 1653	Poison	II	1,2	1,2	
	Nickel nitrate	5.1	UN 2725	Oxidizer	III	1,2	1,2	
	Nickel nitrite	5.1	UN 2726	Oxidizer	III	1,2	1,2	Stow 'separated from' ammonium compounds and cyanides and 'away from' foodstuffs
*	Nicotine *(and salts of)*, liquid	6.1	UN 1654	Poison	I	1	1	
		6.1	UN 1654	Poison	II	1,2	1	
		6.1	UN 1654	St. Andrews Cross	III	1,2	1,2	
*	Nicotine *(and salts of)*, solid	6.1	UN 1654	Poison	I/II	1,2	1,2	
		6.1	UN 1654	St. Andrews Cross	III	1,2	1,2	
	Nicotine compounds, n.o.s. *or* Nicotine preparations, n.o.s.	6.1	UN 1655	Poison	I/II	1,2	1,2	
		6.1	UN 1655	St. Andrews Cross	III	1,2	1,2	
	Nicotine hydrochloride, *or* Nicotine hydrochloride solutions	6.1	UN 1656	Poison	II	1,2	1,2	
	Nicotine salicylate	6.1	UN 1657	Poison	II	1,2	1,2	
	Nicotine sulphate, solid *or* solution	6.1	UN 1658	Poison	II	1,2	1,2	
	Nicotine tartrate	6.1	UN 1659	Poison	II	1,2	1,2	
	Nitrate of soda and potash, mixture. *See* Sodium nitrate and potash, *mixture*							
*	Nitrates, inorganic, n.o.s.	5.1	UN 1477	Oxidizer	II	1,2	1,2	Stow 'away from' powdered metals
	Nitrating acid, mixtures	8	UN 1796	Corrosive, Oxidizer (not required if nitric acid content not more than 50%)	I/II	1	5	Stow 'away from' fluorides
	Nitric acid, *other than red fuming, all concentrations*	8	UN 2031	Corrosive	I/II	1	5	Stow 'separated from' diethylene triamine. Stow 'away from' hydrazine, fluorides, and all other corrosives except sulphuric acid and sulphur trioxide
*	Nitric acid, red fuming	8	UN 2032	Corrosive, Oxidizer, Poison	I	1	5	Stow 'separated from' diethylene triamine. Stow 'away from' hydrazine, fluorides and all other corrosives except sulphuric acid and sulphur trioxide
*	Nitric oxide	2.3	UN 1660	Poison Gas	–	1	5	
*	Nitric oxide and nitrogen tetroxide mixtures	2.3	UN 1975	Poison Gas, Oxidizer	–	1	5	Stow 'away from' organic materials
*	Nitrites, inorganic, n.o.s.	5.1	UN 2627	Oxidizer	II	1,2	1,2	Stow 'separated from' ammonium compounds and cyanides and 'away from' powdered metals and foodstuffs
	Nitroanilines *(o-, m-, p-)*	6.1	UN 1661	Poison	II	1,2	1,2	
	Nitroanisoles	6.1	UN 2730	St. Andrews Cross	III	1,3	1,3	Keep cool
	Nitrobenzene	6.1	UN 1662	Poison	II	1,2	1,2	Stow 'away from' living quarters
	Nitrobenzenesulphonic acid	8	UN 2305	Corrosive	II	1,2	1,2	
	Nitrobenzol. *See* Nitrobenzene							
N	5-Nitrobenzotriazol	1.1D	UN 0385	Explosive (1.1D)	–	–	–	
	Nitrobenzotrifluorides	6.1	UN 2306	Poison	II	1,2	1,2	Stow 'away from' living quarters
	Nitrobromobenzenes	6.1	UN 2732	St. Andrews Cross	III	1,3	1,3	Keep cool
	Nitrocellulose, *containing at least 25% alcohol, by weight, and not exceeding 12.6% nitrogen by dry weight*	4.1	UN 2556	Flammable Solid	I	1	5	Shade from radiant heat, keep away from heat and open flame
	Nitrocellulose, *containing at least 25%, by weight, water*	4.1	UN 2555	Flammable Solid	II	1	5	Shade from radiant heat. Keep away from heat and open flame
	Nitrocellulose, *containing at least 18% plasticizing substance, by weight, and not exceeding 12.6% nitrogen by dry weight*	4.1	UN 2557	Flammable Solid	I	1	1	Shade from radiant heat. Keep away from heat and open flame
*N	Nitrocellulose *dry or wetted with less than 25% alcohol, by weight*	1.1D	UN 0340	Explosive (1.1D)	–	–	–	
*N	Nitrocellulose, *dry or wetted with less than 25% water, by weight*	1.1D	UN 0340	Explosive (1.1D)	–	–	–	
	Nitrocellulose, *in solution in flammable liquids*	3.2	UN 2059	Flammable Liquid	II	1,2	1	
		3.3	UN 2060	Flammable Liquid	II	1,2	1,2	
*N	Nitrocellulose, plasticized *with not less than 18% plasticizing substance, by weight*	1.3C	UN 0343	Explosive (1.3C)	–	–	–	
*N	Nitrocellulose *unmodified or unplasticized with less than 18% plasticizing substance, by weight*	1.1D	UN 0341	Explosive (1.1D)	–	–	–	
	Nitrocellulose, *wetted with, by weight, more than 40% flammable liquids*	3.2	(UN 2556)	Flammable Liquid	II	1,2	1	
		3.3	(UN 2556)	Flammable Liquid	II	1,2	1,2	
*N	Nitrocellulose, wetted *with not less than 25% alcohol, by weight*	1.3C	UN 0342	Explosive (1.3C)	–	–	–	

172.102 Optional Hazardous Materials Table (Cont'd)

(1) Notes and Symbols	(2) Hazardous Materials Description and Proper Shipping Names	(3) IMCO Class	(4) Identification Number	(5) Label(s) required	(6) Packaging Group	(7) Vessel Stowage Requirements (a) Cargo vessel	(b) Passenger vessel	(c) Other requirements
	3-Nitro-4-chlorobenzotrifluoride	6.1	UN 2307	Poison	II	1,2	1,2	Stow 'away from' living quarters
	Nitrocresols	6.1	UN 2446	St. Andrews Cross	III	1,2	1,2	Stow 'away from' living quarters
*	Nitroethane	3.3	UN 2842	Flammable Liquid	III	1,2	1,2	
	Nitrogen, *compressed*	2.2	UN 1066	Nonflammable Gas	–	1,2	1,2	
	Nitrogen dioxide, *liquefied*	2.3	UN 1067	Poison Gas, Oxidizer	–	1	5	Stow 'away from' foodstuffs, organic materials and living quarters
*	Nitrogen, refrigerated liquid	2.2	UN 1977	Nonflammable Gas	–	1,3	1,3	
	Nitrogen tetroxide. *See* Nitrogen dioxide							
	Nitrogen trifluoride	2.3	UN 2451	Poison Gas	–	1	5	Stow 'away from' living quarters and organic materials
	Nitrogen trioxide	2.3	UN 2421	Poison Gas	–	1	5	Stow 'away from' living quarters and readily combustible substances
*N	Nitroglycerine, desensitized, *with not less than 40% non-volatile water-insoluble phlegmatizer, by weight*	1.1D	UN 0143	Explosive (1.1D), Poison	–	–	–	
*N	Nitroglycerine, spirit of, *with more than 1% but not more than 10% nitroglycerine in solution in alcohol*	1.1D	UN 0144	Explosive (1.1D)	–	–	–	
*	Nitroglycerin solution, in alcohol *with not more than 1% nitroglycerin*	3.2	UN 1204	Flammable Liquid	II	1,2	1	
N	Nitroguanidine, *dry or containing, by weight, less than 20% water*	1.1D	UN 0282	Explosive (1.1D)	–	–	–	
	Nitroguanidine, wetted, *with, by weight, at least 20% water*	4.1	UN 1336	Flammable Solid	I	1,2	5	
	Nitrohydrochloric acid	8	UN 1798	Corrosive	I	1	5	Stow 'away from' fluorides
	Nitromethane	3.3	UN 1261	Flammable Liquid	II	1,2	1,2	
	Nitromuriatic acid. *See* Nitrohydrochloric acid							
	Nitronapthalene	4.1	UN 2538	Flammable Solid	III	1,2	1,2	
	Nitrophenols *(o-, m-, p-)*	6.1	UN 1663	St. Andrews Cross	III	1,2	1,2	
	Nitropropanes	3.3	UN 2608	Flammable Liquid	III	1,2	1,2	
	p-Nitrosodimethylaniline	4.2	UN 1369	Spontaneously Combustible	II	1,2	5	Stow 'away from' foodstuffs
N	Nitrostarch, *dry or containing, by weight, less than 20% water*	1.1D	UN 0146	Explosive (1.1D)	–	–	–	
	Nitrostarch, wetted *with, by weight, at least 20% water*	4.1	UN 1337	Flammable Solid	I	1	5	
	Nitrosyl chloride	2.3	UN 1069	Poison Gas, Corrosive	–	1	5	Stow 'away from' foodstuffs and living quarters
	Nitrosylsulphuric acid	8	UN 2308	Corrosive	II	1	5	Stow 'away from' organic materials
	Nitrotoluenes *(o-, m-, p-)*	6.1	UN 1664	Poison	II	1,2	1,2	
N	Nitro urea	1.1D	UN 0147	Explosive (1.1D)	–	–	–	
	Nitrous oxide, *compressed*	2.2	UN 1070	Nonflammable Gas, Oxidizer	–	1,2	1,2	
	Nitrous oxide, refrigerated liquid	2.2	UN 2201	Nonflammable Gas	–	1,2	1	
	Nitroxylenes *(o-, m-, p-)*	6.1	UN 1665	Poison	II	1,2	1,2	
	Nonane, *and its isomers*	3.3	UN 1920	Flammable Liquid	II	1,2	1,2	
	Nonyl trichlorosilane	8	UN 1799	Corrosive	II	1	1	Keep dry
	Octadecyl trichlorosilane	8	UN 1800	Corrosive	II	1	1	Keep dry
	Octadiene	3.2	UN 2309	Flammable Liquid	III	1,2	1	
	Octafluorobut-2-ene	2.2	UN 2422	Nonflammable Gas	–	1,2	1,2	
	Octafluorocyclobutane	2.2	UN 1976	Nonflammable Gas	–	1,2	1,2	
	Octafluoropropane	2.2	UN 2424	Nonflammable Gas	–	1,2	1,2	
	Octane *and its isomers*	3.2	UN 1262	Flammable Liquid	II	1,2	1	
	n-Octanoyl peroxide. *See* Di-n-octanoyl peroxide				–	–	–	
*N	Octolite, *dry or wetted with less than 15% water, by weight*	1.1D	UN 0266	Explosive (1.1D)	–	–	–	
	Octyl trichlorosilane	8	UN 1801	Corrosive	II	1	1	Keep dry
	Oil gas	2.1	UN 1071	Flammable Gas, Poison Gas	–	1	5	Stow 'away from' living quarters
*	Oleum. *See* Sulphuric acid, fuming							
	Organic peroxides, mixture (*this description must be supplemented with the name of the primary constituent of the mixture*)	5.2	UN 2756	Organic Peroxide	I/II	1	5	
	Organic peroxides, n.o.s., samples	5.2	UN 2255	Organic Peroxide	I/II	1	5	
	Organic peroxides, n.o.s., trial quantities	5.2	UN 2899	Organic Peroxide	–	1	5	
*	Organochlorine pesticides, liquid, flammable, toxic, n.o.s., *flashpoint less than 23 deg C*	3.2	UN 2762	Flammable Liquid and Poison or St. Andrews Cross (according to toxicity)	I/II	1,2	1	
*	Organochlorine pesticides, liquid, toxic, flammable, n.o.s., *flashpoint between 23 deg C and 61 deg C*	6.1	UN 2995	Poison, Flammable Liquid	I	1	1	Segregation same as for flammable liquids
		6.1	UN 2995	Poison, Flammable Liquid	II	1,2	1	Segregation same as for flammable liquids
		6.1	UN 2995	St. Andrews Cross, Flammable Liquid	III	1,2	1,2	Segregation same as for flammable liquids
*	Organochlorine pesticides, liquid, toxic, n.o.s.	6.1	UN 2996	Poison	I	1	1	
		6.1	UN 2996	Poison	II	1,2	1	
		6.1	UN 2996	St. Andrews Cross	III	1,2	1,2	
*	Organochlorine pesticides, solid, toxic, n.o.s.	6.1	UN 2761	Poison	I/II	1,2	1,2	
		6.1	UN 2761	St. Andrews Cross	III	1,2	1,2	
*	Organophosphorus pesticides, liquid, flammable, toxic, n.o.s., *flashpoint less than 23 deg C*	3.2	UN 2784	Flammable Liquid and Poison or St. Andrews Cross (according to toxicity)	I/II	1,2	1	

172.102 Optional Hazardous Materials Table (Cont'd)

(1) Notes and Symbols	(2) Hazardous Materials Description and Proper Shipping Names	(3) IMCO Class	(4) Identification Number	(5) Label(s) required	(6) Packaging Group	(7) Vessel Stowage Requirements (a) Cargo vessel	(b) Passenger vessel	(c) Other requirements
*	Organophosphorus pesticides, liquid, toxic, flammable, n.o.s., *flashpoint between 23 deg C and 61 deg C*	6.1	UN 3017	Poison, Flammable Liquid	I	1	1	Segregation same as for flammable liquids
		6.1	UN 3017	Poison, Flammable Liquid	II	1,2	1	Segregation same as for flammable liquids
		6.1	UN 3017	St. Andrews Cross, Flammable Liquid	III	1,2	1,2	Segregation same as for flammable liquids
*	Organophosphorus pesticides, liquid, toxic, n.o.s.	6.1	UN 3018	Poison	I	1	1	
		6.1	UN 3018	Poison	II	1,2	1	
		6.1	UN 3018	St. Andrews Cross	III	1,2	1,2	
*	Organophosphorus pesticides solid, toxic, n.o.s.	6.1	UN 2783	Poison	I/II	1,2	1,2	
		6.1	UN 2783	St. Andrews Cross	III	1,2	1,2	
	Organotin compounds, n.o.s.	6.1	UN 2788	Poison	I/II	1,2	1	Stow 'away from' living quarters
		6.1	UN 2788	St. Andrews Cross	III	1,2	1	
*	Organotin pesticides, liquid, flammable, toxic, n.o.s., *flashpoint below 23 deg C*	3.2	UN 2787	Flammable Liquid and Poison or St. Andrews Cross (according to toxicity)	I/II	1,2	1	
*	Organotin pesticides, liquid, toxic, flammable, n.o.s., *flashpoint between 23 deg C and 61 deg C*	6.1	UN 3019	Poison, Flammable Liquid	I	1	1	Segregation same as for flammable liquids
		6.1	UN 3019	Poison, Flammable Liquid	II	1,2	1	Segregation same as for flammable liquids
		6.1	UN 3019	St. Andrews Cross, Flammable Liquid	III	1,2	1,2	Segregation same as for flammable liquids
*	Organotin pesticides, liquid, toxic, n.o.s.	6.1	UN 3020	Poison	I	1	1	
		6.1	UN 3020	Poison	II	1,2	1	
		6.1	UN 3020	St. Andrews Cross	III	1,2	1,2	
*	Organotin pesticides, solid, toxic, n.o.s.	6.1	UN 2786	Poison	I/II	1,2	1,2	
		6.1	UN 2786	St. Andrews Cross	III	1,2	1,2	
	Osmium tetroxide	6.1	UN 2471	Poison	I	1,2	1	Stow 'away from' living quarters
	Oxalates, *water soluble*	6.1	UN 2449	St. Andrews Cross	III	1,2	1,2	
*	Oxidizing substances, n.o.s.	5.1	UN 1479	Oxidizer	I/II/III	1,2	1,2	Stow 'separated from' ammonium compounds and 'away from' powdered metals
	Oxygen and carbon dioxide, mixtures. See Carbon dioxide and oxygen *mixtures*							
	Oxygen, *compressed*	2.2	UN 1072	Nonflammable Gas, Oxidizer	--	1,2	1,2	
	Oxygen difluoride	2.3	UN 2190	Poison Gas	--	1	5	Keep dry. Stow 'away from' living quarters and readily combustible substances
	Oxygen, *refrigerated liquid*	2.2	UN 1073	Nonflammable Gas, Oxidizer	--	1	5	Stow 'separated from' acetylene. Do not overstow
*	Paints, enamels, lacquers, stains, shellac *solutions*, varnish, polishes, fillers *liquid*, lacquer base *or* thinners	3.2 3.3	UN 1263 UN 1263	Flammable Liquid Flammable Liquid	II/III II/III	1,2 1,2	1 1,2	
*	Paper, unsaturated oil treated, *incompletely dried*	4.2	UN 1379	Spontaneously Combustible	III	1,2	1,2	
	Paraformaldehyde	4.1	UN 2213	None. Package to be marked 'Class 4.1'	III	1,2	1,2	
	Paraldehyde	3.3	UN 1264	Flammable Liquid	III	1,2	1,2	
	Pentaborane	4.2	UN 1380	Spontaneously Combustible, Poison	I	1	5	
	Pentachloroethane	6.1	UN 1669	Poison	II	1,2	1,2	
*N	Pentaerythrite tetranitrate, wetted *with not less than 25% water, by weight, or desensitized with not less than 15% phlegmatizer, by weight*	1.1D	UN 0150	Explosive (1.1D)	--	--	--	
*N	Pentaerythrite tetranitrate, *with not less than 7% wax, by weight*	1.1D	UN 0411	Explosive (1.1D)	--	--	--	
	Pentamethylheptane	3.3	UN 2286	Flammable Liquid	III	1,2	1,2	
	2,4-Pentanedione	3.3	UN 2310	Flammable Liquid	III	1,2	1,2	
	Pentanes	3.1	UN 1265	Flammable Liquid	I	1,3	5	Keep cool
	1-Pentol	8	UN 2705	Corrosive	II	1,2	1	Stow 'away from' all other corrosives
*N	Pentolite, *dry or wetted with less than 15% water, by weight*	1.1D	UN 0151	Explosive (1.1D)	--	--	--	
*	Perchlorates, inorganic, n.o.s.	5.1	UN 1481	Oxidizer	II	1,2	1,2	Stow 'away from' powdered metals and 'separated from' ammonium compounds
	Perchloric acid, *not exceeding 50%, by weight, of acid*	8	UN 1802	Corrosive, Oxidizer	II	1	1	Stow 'away from' hydrazine
	Perchloric acid, *over 50% and not exceeding 72% of acid*	5.1	UN 1873	Oxidizer, Corrosive	I	1	5	
	Perchloroethylene. *See* Tetrachloroethylene							
	Perchloromethyl mercaptan	6.1	UN 1670	Poison	I	1	5	Stow 'away from' living quarters
*	Perfumery products, *with flammable solvents*	3.2 3.3	UN 1266 UN 1266	Flammable Liquid Flammable Liquid	II II	1,2 1,2	1 1,2	
*	Permanganates, inorganic, n.o.s.	5.1	UN 1482	Oxidizer	II	1,2	1,2	Stow 'separated from' ammonium compounds and hydrogen peroxide
*	Peroxides, inorganic, n.o.s.	5.1	UN 1483	Oxidizer	II	1,2	1	Stow 'away from' powdered metals. Keep dry
*	Peroxyacetic acid, *maximum concentration 43% in acetic acid or in a mixture of acetic acid and water, with in either case not more than 6% hydrogen peroxide and not more than 1% sulphuric acid*	5.2	UN 2131	Organic Peroxide, Corrosive	I	1	5	
*	Pesticides, liquid, flammable, toxic, n.o.s. *flashpoint below 23 deg C*	3.2	UN 3021	Flammable Liquid and Poison or St. Andrews Cross (according to toxicity)	I/II	1,2	1	

172.102 Optional Hazardous Materials Table (Cont'd)

(1) Notes and Symbols	(2) Hazardous Materials Description and Proper Shipping Names	(3) IMCO Class	(4) Identification Number	(5) Label(s) required	(6) Packaging Group	(7) Vessel Stowage Requirements (a) Cargo vessel	(b) Passenger vessel	(c) Other requirements
*	Pesticides, liquid, toxic, flammable, n.o.s. *flashpoint between 23 deg C and 61 deg C*	6.1	UN 2903	Poison, Flammable Liquid	I	1	1	Segregation same as for flammable liquids
		6.1	UN 2903	Poison, Flammable Liquid	II	1,2	1	Segregation same as for flammable liquids
		6.1	UN 2903	St. Andrews Cross, Flammable Liquid	III	1,2	1,2	Segregation same as for flammable liquids
*	Pesticides, liquid, toxic, n.o.s.	6.1	UN 2902	Poison	I	1	1	
		6.1	UN 2902	Poison	II	1,2	1	
		6.1	UN 2902	St. Andrews Cross	III	1,2	1,2	
*	Pesticides, solid, toxic, n.o.s.	6.1	UN 2588	Poison	I/II	1,2	1,2	
		6.1	UN 2588	St. Andrews Cross	III	1,2	1,2	
	Petroleum crude oil	3.1	UN 1267	Flammable Liquid	II	1,3	5	Keep cool
		3.2	UN 1267	Flammable Liquid	II	1,2	1	
		3.3	UN 1267	Flammable Liquid	II	1,2	1,2	
	Petroleum distillates, n.o.s.	3.1	UN 1268	Flammable Liquid	II	1,3	5	Keep cool
		3.2	UN 1268	Flammable Liquid	II	1,2	1	
		3.3	UN 1268	Flammable Liquid	II	1,2	1,2	
	Petroleum ether. *See* Petroleum spirit							
*	Petroleum gases, liquefied	2.1	UN 1075	Flammable Gas	–	1,2	1	
	Petroleum oil	3.1	UN 1270	Flammable Liquid	II	1,3	5	Keep cool
		3.2	UN 1270	Flammable Liquid	II	1,2	1	
		3.3	UN 1270	Flammable Liquid	II	1,2	1,2	
	Petroleum spirit	3.1	UN 1271	Flammable Liquid	II	1,3	5	Keep cool
		3.2	UN 1271	Flammable Liquid	II	1,2	1	
		3.3	UN 1271	Flammable Liquid	II	1,2	1,2	
	Petrol. *See* Gasoline							
	Phenacyl bromide	6.1	UN 2645	Poison	II	1,3	1	Keep cool. Stow 'away from' living quarters
*	Phenetidines (*o-, p-*)	6.1	UN 2311	St. Andrews Cross	III	1,2	1,2	
	Phenol	6.1	UN 1671	Poison	II	1,2	1,2	
	Phenol, molten	6.1	UN 2312	Poison	II	1	1	
	Phenol solutions	6.1	UN 2821	Poison	II	1,2	1,2	Stow 'away from' living quarters
	Phenolsulphonic acid, *liquid*	8	UN 1803	Corrosive	II	1,2	1	Metal drums only under deck
*	Phenoxyl pesticides, solid, toxic, n.o.s.	6.1	UN 2765	Poison	I/II	1,2	1,2	
		6.1	UN 2765	St. Andrews Cross	III	1,2	1,2	
*	Phenoxy pesticides, liquid, flammable, toxic, n.o.s., *flashpoint less than 23 deg C*	3.2	UN 2766	Flammable Liquid and Poison or St. Andrews Cross (according to toxicity)	I/II	1,2	1	
*	Phenoxy pesticides, liquid, toxic, flammable, n.o.s., *flashpoint between 23 deg C and 61 deg C*	6.1	UN 2999	Poison, Flammable Liquid	I	1	1	Segregation same as for flammable liquids
		6.1	UN 2999	Poison, Flammable Liquid	II	1,2	1	Segregation same as for flammable liquids
		6.1	UN 2999	St. Andrews Cross, Flammable Liquid	III	1,2	1,2	Segregation same as for flammable liquids
*	Phenoxy pesticides, liquid, toxic, n.o.s.	6.1	UN 3000	Poison	I	1	1	
		6.1	UN 3000	Poison	II	1,2	1	
		6.1	UN 3000	St. Andrews Cross	III	1,2	1,2	
	Phenylacetonitrile, liquid	6.1	UN 2470	St. Andrews Cross	III	1,2	1,2	Stow 'away from' acids
	Phenylacetyl chloride	8	UN 2577	Corrosive	II	1	1	Keep dry
	Phenylcarbylamine chloride	6.1	UN 1672	Poison	I	1	5	Stow 'away from' living quarters
	Phenylchloroformate	6.1	UN 2746	Poison, Corrosive	II	1,3	1,3	Keep cool and dry. Shade from radiant heat. Stow 'away from' living quarters
	Phenylenediamines (*o-, m-, p-*)	6.1	UN 1673	St. Andrews Cross	III	1,2	1,2	
	Phenylhydrazine	6.1	UN 2572	Poison	II	1,2	1,2	Stow 'away from' living quarters
	Phenyl isocyanate	6.1	UN 2487	Poison, Flammable Liquid	II	1	5	Shade from radiant heat. Stow 'away from' living quarters. Segregation same as for flammable liquids
	Phenyl mercaptan	6.1	UN 2337	Poison, Flammable Liquid	I	1,2	1	Segregation same as for flammable liquids
	Phenylmercuric acetate	6.1	UN 1674	Poison	II	1,2	1,2	
	Phenylmercuric compounds, n.o.s.	6.1	UN 2026	Poison	I/II	1,2	1,2	
		6.1	UN 2026	St. Andrews Cross	III	1,2	1,2	
	Phenylmercuric hydroxide	6.1	UN 1894	Poison	II	1,2	1,2	
	Phenylmercuric nitrate	6.1	UN 1895	Poison	II	1,2	1,2	
	Phenyl phosphorus dichloride	8	UN 2798	Corrosive	II	1,2	1	
	Phenyl phosphorus thiodichloride	8	UN 2799	Corrosive	II	1,2	1	
	Phenyl trichlorosilane	8	UN 1804	Corrosive	II	1	1	Keep dry
*	Phenyl urea pesticides, liquid, flammable, toxic, n.o.s., *flashpoint less than 23 deg C*	3.2	UN 2768	Flammable Liquid and Poison or St. Andrews Cross (according to toxicity)	I/II	1,2	1	
*	Phenyl urea pesticides, liquid, toxic, flammable, n.o.s., *flashpoint between 23 deg C and 61 deg C*	6.1	UN 3001	Poison, Flammable Liquid	I	1	1	Segregation same as for flammable liquids
		6.1	UN 3001	Poison, Flammable Liquid	II	1,2	1	Segregation same as for flammable liquids
		6.1	UN 3001	St. Andrews Cross, Flammable Liquid	III	1,2	1,2	Segregation same as for flammable liquids
*	Phenyl urea pesticides, liquid, toxic, n.o.s.	6.1	UN 3002	Poison	I	1	1	

172.102 Optional Hazardous Materials Table (Cont'd)

(1) Notes and Symbols	(2) Hazardous Materials Description and Proper Shipping Names	(3) IMCO Class	(4) Identification Number	(5) Label(s) required	(6) Packaging Group	(7) Vessel Stowage Requirements (a) Cargo vessel	(b) Passenger vessel	(c) Other requirements
		6.1	UN 3002	Poison	II	1,2	1	
		6.1	UN 3002	St. Andrews Cross	III	1,2	1,2	
*	Phenyl urea pesticides, solid, toxic, n.o.s.	6.1	UN 2767	Poison	I/II	1,2	1,2	
		6.1	UN 2767	St. Andrews Cross	III	1,2	1,2	
*	Phosgene	2.3	UN 1076	Poison Gas, Corrosive	–	1	5	
*	9-Phosphabicyononanes	4.2	UN 2940	Spontaneously Combustible	II	1,2	1,2	
	Phosphine	2.3	UN 2199	Poison Gas, Flammable Gas	–	1	5	Stow 'away from' living quarters
*	Phosphoric acid, *liquid*	8	UN 1805	Corrosive	III	1,2	1,2	Glass carboys in hampers prohibited under deck
*	Phosphoric acid, *solid*	8	UN 1805	Corrosive	III	1,2	1,2	
	Phosphoric anhydride. *See* Phosphorus pentoxide							
*	Phosphorous acid, ortho	8	UN 2834	Corrosive	III	1,3	1,3	Stow 'away from' sources of heat. Keep dry
	Phosphorous bromide. *See* Phosphorus tribromide							
	Phosphorous chloride. *See* Phosphorus trichloride							
	Phosphorus, amorphous	4.1	UN 1338	Flammable Solid	III	1,2	1,2	
	Phosphorus heptasulphide, *free from yellow or white phosphorus*	4.1	UN 1339	Flammable Solid	II	1,2	1	Stow 'separated from' oxidizing substances
	Phosphorus oxybromide, molten	8	UN 2576	Corrosive	II	1	1	Keep dry
	Phosphorus oxybromide, solid	8	UN 1939	Corrosive	II	1	1	Keep cool and dry
	Phosphorus oxychloride	8	UN 1810	Corrosive	II	1	1	Keep dry
	Phosphorus pentabromide	8	UN 2691	Corrosive	II	1,3	1	Keep cool and dry
	Phosphorus pentachloride	8	UN 1806	Corrosive	II	1	1	Keep dry
	Phosphorus pentafluoride	2.3	UN 2198	Poison Gas	–	1	5	Stow 'away from' living quarters
	Phosphorus pentasulphide, *free from yellow or white phosphorus*	4.1	UN 1340	Flammable Solid	II	1,2	1,2	Stow 'separated from' oxidizing substances
	Phosphorus pentoxide	8	UN 1807	Corrosive	II	1,2	1,2	Glass bottles prohibited under deck
	Phosphorus sesquisulphide, *free from yellow or white phosphorus*	4.1	UN 1341	Flammable Solid	II	1,2	1	Stow 'separated from' oxidizing substances
	Phosphorus tribromide	8	UN 1808	Corrosive	II	1	1	Keep dry. Glass carboys prohibited on passenger vessels
	Phosphorus trichloride	8	UN 1809	Corrosive	II	1	1	Keep dry. Glass carboys prohibited on passenger vessels
	Phosphorus trioxide	8	UN 2578	Corrosive	III	1,3	1,3	Keep cool and dry
	Phosphorus trisulphide, *free from yellow or white phosphorus*	4.1	UN 1343	Flammable Solid	II	1,2	1	Stow 'separated from' oxidizing substances
	Phosphorus, white, molten	4.2	UN 2447	Spontaneously Combustible, Poison	I	1	5	
	Phosphorus, *white or yellow, dry*	4.2	UN 1381	Spontaneously Combustible	I	1,2	5	
	Phosphorus, *white or yellow, in water*	4.2	UN 1381	Spontaneously Combustible	I	1,2	5	
N	Photo-flash powder *in units*	1.1G	UN 0094	Explosive (1.1G)	–	–	–	
N	Photo-flash powder *in units*	1.2G	UN 0096	Explosive (1.2G)	–	–	–	
N	Photo-flash powder *in units*	1.3G	UN 0305	Explosive (1.3G)	–	–	–	
	Phthalic anhydride, *solid or molten*	8	UN 2214	None. Package to be marked 'Class 8'	III	1,2	1,2	Stow 'away from' foodstuffs
*	Phthalimide derivative pesticides, liquid, flammable, toxic, n.o.s., *flashpoint below 23 deg C*	3.2	UN 2774	Flammable Liquid and Poison or St. Andrews Cross (according to toxicity)	I/II	1,2	1	
*	Phthalimide derivative pesticides, liquid, toxic, flammable, n.o.s., *flashpoint between 23 deg C and 61 deg C*	6.1	UN 3007	Poison, Flammable Liquid	I	1	1	Segregation same as for flammable liquids
		6.1	UN 3007	Poison, Flammable Liquid	II	1,2	1	Segregation same as for flammable liquids
		6.1	UN 3007	St. Andrews Cross, Flammable Liquid	III	1,2	1,2	Segregation same as for flammable liquids
*	Phthalimide derivative pesticides, liquid, toxic, n.o.s.	6.1	UN 3008	Poison	I	1	1	
		6.1	UN 3008	Poison	II	1,2	1	
		6.1	UN 3008	St. Andrews Cross	III	1,2	1,2	
*	Phthalimide derivative pesticides, solid, toxic, n.o.s.	6.1	UN 2773	Poison	I/II	1,2	1,2	
		6.1	UN 2773	St. Andrews Cross	III	1,2	1,2	
	Picolines	3.3	UN 2313	Flammable Liquid	II	1,2	1,2	
*	Picric acid, wetted. *See* Trinitrophenol, wetted							
*	Pinanyl hydroperoxide *technical pure*	5.2	UN 2162	Organic Peroxide	I	1	5	
*	Pindone *(and salts of), liquid*	6.1	UN 2472	Poison	I	1	1	
		6.1	UN 2472	Poison	II	1,2	1	
		6.1	UN 2472	St. Andrews Cross	III	1,2	1,2	
*	Pindone *(and salts of), solid*	6.1	UN 2472	Poison	I/II	1,2	1,2	
		6.1	UN 2472	St. Andrews Cross	III	1,2	1,2	
	alpha-Pinene	3.3	UN 2368	Flammable Liquid	III	1,2	1,2	
	Pine oil	3.3	UN 1272	Flammable Liquid	III	1,2	1,2	
	Piperazine	8	UN 2579	Corrosive	III	1,3	1,3	Keep cool and dry
	Piperidine	3.2	UN 2401	Flammable Liquid	II	1,2	1	Keep dry
*	Plastics moulding materials evolving flammable vapours	9	UN 2211	None	III	1,2	1,2	
*	Plastics, nitrocellulose-based, spontaneously combustible, n.o.s.	4.2	UN 2006	Spontaneously Combustible	III	1	1	
*	Poisonous liquids, corrosive, n.o.s.	6.1	UN 2927	Poison, Corrosive	I/II	1,2	1	Segregation same as for corrosives
*	Poisonous liquids, flammable, n.o.s.	6.1	UN 2929	Poison, Flammable Liquid	I/II	1,2	1	Segregation same as for flammable liquids

172.102 Optional Hazardous Materials Table (Cont'd)

(1) Notes and Symbols	(2) Hazardous Materials Description and Proper Shipping Names	(3) IMCO Class	(4) Identification Number	(5) Label(s) required	(6) Packaging Group	(7) Vessel Stowage Requirements (a) Cargo vessel	(b) Passenger vessel	(c) Other requirements
*	Poisonous liquids, n.o.s.	6.1 6.1	UN 2810 UN 2810	Poison St. Andrews Cross	I/II III	1,2 1,2	1 1	
*	Poisonous solids, corrosive, n.o.s.	6.1	UN 2928	Poison, Corrosive	I/II	1,2	1	Segregation same as for corrosives
*	Poisonous solids, flammable, n.o.s.	6.1	UN 2930	Poison, Flammable Solid	I/II	1,2	1	Segregation same as for flammable solids
*	Poisonous solids, n.o.s.	6.1 6.1	UN 2811 UN 2811	Poison St. Andrews Cross	I/II III	1,2 1,2	1 1	
	Polishes. *See* Paints, *etc.*							
	Polishing fluid. *See* Flammable liquid preparations, n.o.s.							
	Polychlorinated biphenyls	9	UN 2315	None	II	1,2	1,2	Stow in a recoverable position. Stow 'away from' foodstuffs
*	*Polystyrene beads, expandable, impregnated with flammable liquid. See* Plastics moulding materials evolving flammable vapours							
	Potassium arsenate	6.1	UN 1677	Poison	II	1,2	1,2	
	Potassium arsenite	6.1	UN 1678	Poison	II	1,2	1,2	
*	Potassium bifluoride, *solid*	8	UN 1811	Corrosive, Poison	II	1,2	1,2	
	Potassium bifluoride, *solution*	8	UN 1811	Corrosive, Poison	II	1,2	1,2	
	Potassium borohydride	4.3	UN 1870	Dangerous When Wet	I	1,2	5	
	Potassium bromate	5.1	UN 1484	Oxidizer	II	1,2	1,2	Stow 'separated from' ammonium compounds and 'away from' powdered metals
	Potassium chlorate	5.1	UN 1485	Oxidizer	II	1,2	1,2	Stow 'separated from' ammonium compounds and 'away from' powdered metals
	Potassium chlorate, *aqueous solution*	5.1	UN 2427	Oxidizer	II	1,2	1	Stow 'away from' powdered metals and 'separated from' ammonium compounds
	Potassium cuprocyanide	6.1	UN 1679	Poison	II	1,2	1,2	Stow 'away from' acids
	Potassium cyanide	6.1	UN 1680	Poison	I	1,2	1,2	Stow 'away from' acids
	Potassium fluoride	6.1	UN 1812	St. Andrews Cross	III	1,2	1,2	Stow 'away from' acids
	Potassium fluoroacetate	6.1	UN 2628	Poison	I	1,2	5	Stow 'away from' living quarters
*	Potassium hydrogen fluoride. *See* Potassium bifluoride							
	Potassium hydrogen sulphate	8	UN 2509	Corrosive	II	1,2	1,2	Stow 'away from' strong alkalis
	Potassium hydrosulphite	4.2	UN 1929	Spontaneously Combustible	II	1,2	5	Keep dry
*	Potassium hydroxide, solid	8	UN 1813	Corrosive	II	1,2	1,2	Keep dry
*	Potassium hydroxide, solution	8	UN 1814	Corrosive	II	1,2	1,2	
*	Potassium hypochlorite, *solution. See* Hypochlorite, solutions, *etc.*							
	Potassium metal	4.2	UN 2257	Spontaneously Combustible	II	1,2	5	
	Potassium, metal alloys	4.3	UN 1420	Dangerous When Wet	II	1,2	5	
	Potassium metavanadate	6.1	UN 2864	Poison	II	1,2	1,2	Stow 'away from' living quarters
	Potassium nitrate	5.1	UN 1486	Oxidizer	III	1,2	1,2	
*	Potassium nitrate and sodium nitrite, mixture	5.1	UN 1487	Oxidizer	II	1,2	1,2	Stow 'separated from' ammonium compounds and cyanides, and 'away from' foodstuffs
	Potassium nitrate bags, *empty. See* Bags, *empty and unwashed, etc.*							
	Potassium nitrite	5.1	UN 1488	Oxidizer	II	1,2	1,2	Stow 'separated from' ammonium compounds and cyanides, and 'away from' foodstuffs
	Potassium oxide	8	UN 2033	Corrosive	II	1,2	1,2	Keep dry
	Potassium perchlorate	5.1	UN 1489	Oxidizer	II	1,2	1,2	Stow 'away from powdered metals
	Potassium permanganate	5.1	UN 1490	Oxidizer	II	1,2	1,2	Stow 'separated from' ammonium compounds and hydrogen peroxide
	Potassium peroxide	5.1	UN 1491	Oxidizer	I	1,2	1,2	Keep dry
	Potassium persulphate	5.1	UN 1492	Oxidizer	III	1,2	1,2	
*	Potassium phosphide	4.3	UN 2012	Dangerous When Wet, Poison	I	1,2	5	When stowed under deck, stow in a mechanically ventilated space
N	Potassium salts of nitro-aromatic derivatives, *explosive*	1.3C	UN 0158	Explosive (1.3C)	–	–	–	
	Potassium silicofluoride	6.1	UN 2655	St. Andrews Cross	III	1,2	1,2	Stow 'away from' acids
	Potassium-sodium, *alloy*	4.3	UN 1422	Dangerous When Wet	I	1,2	5	
*	Potassium sulphide, anhydrous *or* Potassium sulphide *with less than 30% water of crystallization*	4.2	UN 1382	Spontaneously Combustible	II	1,2	1,2	Stow 'separated from' liquid acids
*	Potassium sulphide, hydrated, *with not less than 30% water of crystallization*	8	UN 1847	Corrosive	II	1,2	1,2	Stow 'away from' acids
	Potassium superoxide	5.1	UN 2466	Oxidizer	I	1,2	1	Keep dry. Stow 'away from' combustible materials including packaging of other cargo
*N	Powder cake, wetted *with not less than 35% water, by weight*	1.3C	UN 0159	Explosive (1.3C)	–	–	–	
N	Powder, smokeless	1.1C	UN 0160	Explosive (1.1C)	–	–	–	
N	Powder, smokeless	1.3C	UN 0161	Explosive (1.3C)	–	–	–	
	Primers, cap type	1.4B	UN 0378	Explosive (1.4B)	–	1,3	1,3	
	Primers, cap type	1.4S	UN 0044	None. Package to be marked '1.4S'	–	1,3	1,3	
N	Primers, cap type	1.1B	UN 0377	Explosive (1.1B)	–	–	–	
	Primers, tubular	1.4G	UN 0320	Explosive (1.4G)	–	1,3	1,3	
	Primers, tubular	1.4S	UN 0376	None. Package to be marked '1.4S'	–	1,3	1,3	
N	Primers, tubular	1.3G	UN 0319	Explosive (1.3G)	–	–	–	
	Projectiles, *inert, with tracer*	1.4 S	UN 0345	None. Package to be marked '1.4 S'	–	1,3	1,3	
*N	Projectiles, *inert, with tracer*	1.3G	UN 0424	Explosive (1.3G)	–	–	–	
*	Projectiles, *inert, with tracer*	1.4G	UN 0425	Explosive (1.4G)	–	1,3	1,3	

172.102 Optional Hazardous Materials Table (Cont'd)

(1) Notes and Symbols	(2) Hazardous Materials Description and Proper Shipping Names	(3) IMCO Class	(4) Identification Number	(5) Label(s) required	(6) Packaging Group	(7) Vessel Stowage Requirements (a) Cargo vessel	(b) Passenger vessel	(c) Other requirements
N	Projectiles, *with burster or expelling charge*	1.2D	UN 0346	Explosive (1.2D)	–	–	–	
*N	Projectiles, *with burster or expelling charge*	1.2F	UN 0426	Explosive (1.2F)	–	–	–	
*N	Projectiles, *with burster or expelling charge*	1.4F	UN 0427	Explosive (1.4F)	–	–	–	
N	Projectiles, *with burster or expelling charge*	1.4D	UN 0347	Explosive (1.4D)	–	–	–	
N	Projectiles, *with bursting charge*	1.1D	UN 0168	Explosive (1.1D)	–	–	–	
N	Projectiles, *with bursting charge*	1.2D	UN 0169	Explosive (1.2D)	–	–	–	
N	Projectiles, *with bursting charge*	1.4D	UN 0344	Explosive (1.4D)	–	–	–	
N	Projectiles, *with bursting charge*	1.1F	UN 0167	Explosive (1.1F)	–	–	–	
N	Projectiles, *with bursting charge*	1.2F	UN 0324	Explosive (1.2F)	–	–	–	
*	Propadiene, inhibited	2.1	UN 2200	Flammable Gas	–	1	5	
*	Propane	2.1	UN 1978	Flammable Gas	–	1,2	1	
*	Propanethiols	3.1	UN 2402	Flammable Liquid	II	1,3	5	Keep cool and dry. Stow 'away from' foodstuffs and all odor absorbing cargo
	Propanol	3.2	UN 1274	Flammable Liquid	II	1,2	1	
*	Propionaldehyde	3.1	UN 1275	Flammable Liquid	II	1,3	5	Keep cool
		3.2	UN 1275	Flammable Liquid	II	1,2	1	
*	Propionic acid, *solution containing not less than 80% acid*	8	UN 1848	Corrosive, Flammable Liquid (only if flashpoint 61 deg C or below)	III	1,2	1,2	Stow 'separated by a complete compartment or hold from' organic peroxides, and 'separated longitudinally by a complete compartment or hold from' explosives. If flashpoint is 61 deg C or below, segregation same as for flammable liquids
	Propionic anhydride	8	UN 2496	Corrosive	III	1,2	1,2	Keep dry. Glass carboys prohibited on passenger vessels
	Propionitrile	3.2	UN 2404	Flammable Liquid, Poison	II	1,3	5	Keep cool
	Propionyl chloride	3.2	UN 1815	Flammable Liquid, Corrosive	II	1,2	1	
	n-Propyl acetate	3.2	UN 1276	Flammable Liquid	II	1,2	1	
	sec-Propyl alcohol. *See* Isopropanol							
	n-Propyl alcohol. *See* Propanol							
	Propylamine. *See* Monopropylamine							
	Propyl benzene	3.3	UN 2364	Flammable Liquid	II	1,2	1,2	
	Propyl chloride	3.1	UN 1278	Flammable Liquid	II	1,3	5	Keep cool
	n-Propyl chloroformate	3.3	UN 2740	Flammable Liquid, Poison, Corrosive	I	1,2	1,2	
*	Propylene	2.1	UN 1077	Flammable Gas	–	1,2	1	
	Propylene chlorohydrin	6.1	UN 2611	Poison, Flammable Liquid	II	1,3	1,3	Keep cool. Shade from radiant heat. Segregation same as for flammable liquids
*	Propylenediamine	3.2	UN 2258	Flammable Liquid, Corrosive	II	1,2	1,2	
		3.3	UN 2258	Flammable Liquid, Corrosive	II	1,2	1,2	
	Propylene dichloride	3.2	UN 1279	Flammable Liquid	II	1,2	1	
	Propyleneimine, *inhibited*	3.2	UN 1921	Flammable Liquid	I	1,2	1	
*	Propylene oxide	3.1	UN 1280	Flammable Liquid	I	1,3	5	Keep cool
	Propylene tetramer	3.3	UN 2850	Flammable Liquid	III	1,2	1,2	
	Propyl formates	3.2	UN 1281	Flammable Liquid	II	1,2	1	
	n-Propyl isocyanate	3.2	UN 2482	Flammable Liquid, Poison	I	1	5	Keep cool. Stow 'away from' living quarters and sources of heat
	n-Propyl nitrate	3.2	UN 1865	Flammable Liquid	II	1,2	1	
	Propyl trichlorosilane	8	UN 1816	Corrosive, Flammable Liquid	II	1	1	Keep dry. Stow 'separated longitudinally by an intervening compartment or hold from' explosives. Segregation same as for flammable liquids
	Pyridine	3.2	UN 1282	Flammable Liquid, Poison	II	1,2	1	
	Pyrophoric fuel, n.o.s. *See* Fuel, pyrophoric, n.o.s.							
	Pyrophoric liquids, n.o.s.	4.2	UN 2845	Spontaneously Combustible	I	1	5	Prohibited on any ship carrying explosives (except explosives in Division 1.4, Compatibility Group S)
	Pyrophoric metals, n.o.s. *or* Pyrophoric alloys, n.o.s.	4.2	UN 1383	Spontaneously Combustible	II	1	5	
*	Pyrophoric solids, n.o.s.	4.2	UN 2846	Spontaneously Combustible	I/II/III	1	1	
	Pyrosulphuryl chloride	8	UN 1817	Corrosive	II	1	1	Keep dry. Glass carboys prohibited on passenger vessels
	Pyroxylin. *See* Nitrocellulose							
	Pyrrolidine	3.2	UN 1922	Flammable Liquid	II	1,2	1	
	Quinoline	6.1	UN 2656	St. Andrews Cross, Flammable Liquid (only if flashpoint below 61 deg C)	III	1,3	1,3	Keep cool. Shade from radiant heat. If flashpoint below 61 deg C, segregation same as for flammable liquids
	Rags, *oily*	4.2	UN 1856	Spontaneously Combustible	III	1,2	1,2	Keep dry
	Rare gases, *mixtures*	2.2	UN 1979	Nonflammable Gas	–	1,2	1,2	
	Rare gases, *mixtures with* nitrogen	2.2	UN 1981	Nonflammable Gas	–	1,2	1,2	
	Rare gases, *mixtures with* oxygen	2.2	UN 1980	Nonflammable Gas	–	1,2	1,2	
*	Receptacles, *small, containing* flammable compressed gas, *not fitted with a dispersion device, not refillable*	2.1	UN 2037	Flammable Gas	–			

172.102 Optional Hazardous Materials Table (Cont'd)

(1) Notes and Symbols	(2) Hazardous Materials Description and Proper Shipping Names	(3) IMCO Class	(4) Identification Number	(5) Label(s) required	(6) Packaging Group	(7) Vessel Stowage Requirements (a) Cargo vessel	(b) Passenger vessel	(c) Other requirements
	Reducing liquid. *See* Flammable liquid preparation, n.o.s.							
N	Refrigerant gases, n.o.s.	2.1	UN 1078	Flammable Gas	–	1	1	
	Refrigerant gases, n.o.s.	2.2	UN 1078	Nonflammable Gas	–	1,2	1,2	
	Refrigerating machines *containing non-flammable, non-toxic liquefied gases*	2.2	UN 2857	Nonflammable Gas	–	1,2	1,2	
	Release devices, explosive	1.4S	UN 0173	None. Package to be marked '1.4 S'	–	1,3	1,3	
	Removing liquid. *See* Flammable liquid preparations, n.o.s.							
*	Resin solution *in flammable liquid*	3.2	UN 1866	Flammable Liquid	II	1,2	1	
		3.3	UN 1866	Flammable Liquid	III	1,2	1,2	
	Resin solution, poisonous	6.1	UN 1896	Poison, Flammable Liquid (only if flashpoint between 23 and 61 deg C)	I/II	1,2	1,2	If flashpoint between 23 and 61 deg C, segregation same as for flammable liquids
			UN 1896	St. Andrews Cross, Flammable Liquid (only if flashpoint between 23 and and 61 deg C)	III	1,2	1,2	If flashpoint between 23 and 61 deg C, segregation same as for flammable liquids
	Resorcinol	6.1	UN 2876	St. Andrews Cross	III	1,2	1,2	
	Rivets, explosive	1.4 S	UN 0174	None. Package to be marked '1.4 S'	–	1,3	1,3	
	Road asphalt, *liquid, tars or oil. See* Cut-backs, *asphalt or bitumen*							
N	Rocket motors	1.1C	UN 0280	Explosive (1.1C)	–	–	–	
N	Rocket motors	1.2C	UN 0281	Explosive (1.2C)	–	–	–	
N	Rocket motors	1.3C	UN 0186	Explosive (1.3C)	–	–	–	
N	Rocket motors, *containing hypergolic liquids, with or without expelling charge*	1.2L	UN 0322	Explosive (1.2L)	–	–	–	
N	Rocket motors, *containing hypergolic liquids, with or without expelling charge*	1.3L	UN 0250	Explosive (1.3L)	–	–	–	
N	Rocket motors, liquid fueled	1.2J	UN 0395	Explosive (1.2J)	–	–	–	
N	Rocket motors, liquid fueled	1.3J	UN 0396	Explosive (1.3J)	–	–	–	
N	Rockets, line throwing	1.2G	UN 0238	Explosive (1.2G)	–	–	–	
N	Rockets, line throwing	1.3G	UN 0240	Explosive (1.3G)	–	–	–	
N	Rockets, liquid fueled, *with bursting charge*	1.1J	UN 0397	Explosive (1.1J)	–	–	–	
N	Rockets, liquid fueled, *with bursting charge*	1.2J	UN 0398	Explosive (1.2J)	–	–	–	
N	Rockets, *with bursting charge*	1.1E	UN 0181	Explosive (1.1E)	–	–	–	
N	Rockets, *with bursting charge*	1.2E	UN 0182	Explosive (1.2E)	–	–	–	
N	Rockets, *with bursting charge*	1.1F	UN 0180	Explosive (1.1F)	–	–	–	
N	Rockets, *with bursting charge*	1.2F	UN 0295	Explosive (1.2F)	–	–	–	
N	Rockets, *with inert head*	1.3C	UN 0183	Explosive (1.3C)	–	–	–	
*	Rodenticides, n.o.s., *liquid*	6.1	UN 1681	Poison	I	1	1	
		6.1	UN 1681	Poison	II	1,2	1	
		6.1	UN 1681	St. Andrews Cross	III	1,2	1,2	
*	Rodenticides, n.o.s., *solid*	6.1	UN 1681	Poison	I/II	1,2	1,2	
		6.1	UN 1681	St. Andrews Cross	III	1,2	1,2	
	Rosin oil	3.2	UN 1286	Flammable Liquid	III	1,2	1	
		3.3	UN 1286	Flammable Liquid	III	1,2	1,2	
	R 22. See Chlorodifluoromethane							
	R 12. See Dichlorodifluoromethane							
	Rubber scrap, *powdered or granulated*	4.1	UN 1345	Flammable Solid	II	1,2	1,2	
	Rubber shoddy. *See* Rubber scrap							
	Rubber solution	3.2	UN 1287	Flammable Liquid	II	1,2	1	
		3.3	UN 1287	Flammable Liquid	II	1,2	1,2	
	Rubidium hydroxide, solid	8	UN 2678	Corrosive	II	1,2	1,2	Keep dry
	Rubidium hydroxide, solution	8	UN 2677	Corrosive	II	1,2	1,2	
*	Rubidium, *metal*	4.3	UN 1423	Dangerous When Wet	I	1,2	5	
*N	Samples, explosive, *other than initiating explosive*	1	UN 0190	As directed by the competent authority	–	–	–	
	Sand acid. *See* Fluosilicic acid							
	Seed cake, *containing vegetable oil, mechanically expelled seeds, containing more than 10% of oil or more than 20% of oil and moisture combined*	4.2	UN 1386	None. Package to be marked 'Class 4.2'	III	1,2	5	
	Seed cake, *containing vegetable oil, solvent extractions and expelled seeds, containing not more than 10% of oil and, when the amount of moisture is higher than 10%, not more than 20% of oil and moisture combined*	4.2	UN 1386	None. Package to be marked 'Class 4.2'	III	1,2	1,2	
	Seed cake, *containing vegetable oil, solvent extractions containing not more than 1.5% of oil and 11% of moisture*	4.2	UN 2217	None. Package to be marked 'Class 4.2'	III	1,2	1,2	
	Selenates, n.o.s. *or* Selenites, n.o.s.	6.1	UN 2630	Poison	I	1,2	5	Stow 'away from' living quarters
	Selenic acid	8	UN 1905	Corrosive	I	1,2	1,2	Keep dry
	Selenium disulphide	6.1	UN 2657	Poison	II	1,2	1,2	Stow 'away from' living quarters
	Selenium hexafluoride	2.3	UN 2194	Poison Gas	–	1	5	Stow 'away from' living quarters
	Selenium *metal* powder, *non-pyrophoric*	6.1	UN 2658	St. Andrews Cross	III	1,2	1,2	
	Selenium oxychloride	8	UN 2879	Corrosive, Poison	I	1,2	5	Keep dry
	Shale oil	3.2	UN 1288	Flammable Liquid	II	1,2	1	
		3.3	UN 1288	Flammable Liquid	II	1,2	1,2	
	Shellac. *See* Paints, *etc.*							

172.102 Optional Hazardous Materials Table (Cont'd)

(1) Notes and Symbols	(2) Hazardous Materials Description and Proper Shipping Names	(3) IMCO Class	(4) Identification Number	(5) Label(s) required	(6) Packaging Group	(7) Vessel Stowage Requirements (a) Cargo vessel	(b) Passenger vessel	(c) Other requirements
	Signal devices, hand	1.4S	UN 0373	None. Package to be marked '1.4S'	–	1,3	1,3	
	Signal devices, hand	1.4 G	UN 0191	Explosive (1.4G)	–	1,3	1,3	
N	Signals, distress, *ship (other than water-activated)*	1.1G	UN 0194	Explosive (1.1G)	–	–	–	
N	Signals, distress, *ship (other than water-activated)*	1.3G	UN 0195	Explosive (1.3G)	–	–	–	
N	Signals, railway track, explosive	1.1G	UN 0192	Explosive (1.1G)	–	–	–	
N	Signals, railway track, explosive	1.4S	UN 0193	None. Package to be marked '1.4S'	–	–	–	
N	Signals, smoke, *with explosive sound unit*	1.1G	UN 0196	Explosive (1.1G)	–	–	–	
N	Signals, smoke, *with explosive sound unit*	1.2G	UN 0313	Explosive (1.2G)	–	–	–	
	Signals, smoke, *without explosive sound unit*	1.4 G	UN 0197	Explosive (1.4G)	–	1,3	1,3	
*	Silane	2.1	UN 2203	Flammable Gas	–	1	5	Shade from radiant heat. Stow 'separated from' oxidizing substances such as bromine and chlorine
	Silicofluoric acid. *See* Fluosilicic acid							
	Silicofluorides, n.o.s.	6.1	UN 2856	St. Andrews Cross	III	1,2	1,2	Stow 'away from' acids
	Silicon chloride. *See* Silicon tetrachloride							
	Silicon powder, *amorphous*	4.1	UN 1346	Flammable Solid	III	1,2	1,2	
	Silicon tetrachloride	8	UN 1818	Corrosive	II	1	1	Keep dry. Glass carboys prohibited on passenger vessels
	Silicon tetrafluoride	2.3	UN 1859	Poison Gas, Corrosive	–	1	5	
	Silver arsenite	6.1	UN 1683	Poison	II	1,2	1,2	
	Silver cyanide	6.1	UN 1684	Poison	II	1,2	1,2	Stow 'away from' strong liquid acids
	Silver nitrate	5.1	UN 1493	Oxidizer	II	1,2	1,2	Stow 'away from' foodstuffs
	Silver picrate, wetted *with, by weight, at least 30% water*	4.1	UN 1347	Flammable Solid	I	1	5	
	Sisal, dry. See Fibre, *vegetable, dry*							
	Sludge acid	8	UN 1906	Corrosive	II	1,2	1	Stow 'away from' fluorides. Metal drums only under deck
	Soda lime	8	UN 1907	Corrosive	III	1,2	1,2	Keep dry
*	Sodium aluminate, solution	8	UN 1819	Corrosive	II	1,2	1,2	
	Sodium aluminium hydride	4.3	UN 2835	Dangerous When Wet	II	1,2	5	
	Sodium amalgam	4.3	UN 1424	Dangerous When Wet	I	1,2	1,2	
	Sodium amide	4.3	UN 1425	Dangerous When Wet	II	1,2	5	
	Sodium ammonium vanadate	6.1	UN 2863	Poison	II	1,2	1,2	Stow 'away from' living quarters
	Sodium arsanilate	6.1	UN 2473	St. Andrews Cross	III	1,2	1,2	
	Sodium arsenate	6.1	UN 1685	Poison	II	1,2	1,2	
	Sodium arsenite, aqueous solutions	6.1	UN 1686	Poison	I/II	1,2	1,2	
	Sodium arsenite, solid	6.1	UN 1686	St. Andrews Cross	III	1,2	1,2	
	Sodium azide	6.1	UN 2027	Poison	II	1,2	1,2	
		6.1	UN 1687	Poison	II	1,2	1,2	Stow 'away from' heavy metals and their compounds, 'separated from' acids
*	Sodium bisulphate, solid. *See* Sodium hydrogen sulphate, solid							
*	Sodium bisulphite, solution. *See* Sodium hydrogen sulphite, solution							
	Sodium borohydride	4.3	UN 1426	Dangerous When Wet	I	1,2	5	
	Sodium bromate	5.1	UN 1494	Oxidizer	II	1,2	1,2	Stow 'away from' powdered metals, 'separated from' ammonium compounds
	Sodium cacodylate	6.1	UN 1688	Poison	II	1,2	1,2	Stow 'away from' acids
	Sodium chlorate	5.1	UN 1495	Oxidizer	II	1,2	1,2	Stow 'away from' powdered metals, 'separated from' ammonium compounds
	Sodium chlorate, *aqueous* solution	5.1	UN 2428	Oxidizer	II	1,2	1	Stow 'away from' powdered metals and 'separated from' ammonium compounds
	Sodium chlorite	5.1	UN 1496	Oxidizer	II	1,2	1,2	Stow 'away from' powdered metals, 'separated from' ammonium compounds
*	Sodium chlorite, solution *with more than 5% available chlorine*	8	UN 1908	Corrosive	II	1,2	1	Glass carboys in hampers not permitted under deck
	Sodium chloroacetate	6.1	UN 2659	St. Andrews Cross	III	1,3	1,3	Keep cool and dry
	Sodium cuprocyanide, *solid*	6.1	UN 2316	Poison	I	1,2	1,2	Keep dry. Stow 'separated from' acids
	Sodium cuprocyanide solution	6.1	UN 2317	Poison	I	1,2	1	Stow 'away from' living quarters and 'separated from' acids
	Sodium cyanide	6.1	UN 1689	Poison	I	1,2	1,2	Stow 'away from' acids
*N	Sodium dinitro-o-cresolate, *dry or wetted with less than 15% water, by weight*	1.3C	UN 0234	Explosive (1.3C)	–	–	–	
	Sodium dinitro-o-cresolate, wetted *with, by weight, at least 15% water*	4.1	UN 1348	Flammable Solid, Poison	I	1,2	5	Stow 'away from' heavy metals and their compounds
	Sodium dinitro-o-cresolate, wetted *with, by weight, at least 10% water*	4.1	UN 1348	Flammable Solid, Poison	I	1	5	Stow 'away from' heavy metals and their compounds
*	Sodium dithionite	4.2	UN 1384	Spontaneously Combustible	II	1,2	1,2	Keep dry. Only metal drums permitted on passenger vessels
	Sodium fluoride, solid	6.1	UN 1690	St. Andrews Cross	III	1,2	1,2	Stow 'away from' acids
	Sodium fluoride, solution	6.1	UN 1690	St. Andrews Cross	III	1,2	1,2	
	Sodium fluoroacetate	6.1	UN 2629	Poison	I	1,2	5	Stow 'away from' living quarters
	Sodium hydrate. *See* Sodium hydroxide, *solution*							
	Sodium hydride	4.3	UN 1427	Dangerous When Wet	I	1,2	5	
	Sodium hydrogen fluoride	8	UN 2439	Corrosive	II	1,3	1,3	Keep cool and dry
	Sodium hydrogen sulphate, solid	8	UN 1821	Corrosive	II	1,2	1,2	
	Sodium hydrogen sulphate, solution	8	UN 2837	Corrosive	II	1,2	1,2	

172.102 Optional Hazardous Materials Table (Cont'd)

(1) Notes and Symbols	(2) Hazardous Materials Description and Proper Shipping Names	(3) IMCO Class	(4) Identification Number	(5) Label(s) required	(6) Packaging Group	(7) Vessel Stowage Requirements (a) Cargo vessel	(b) Passenger vessel	(c) Other requirements
	Sodium hydrogen sulphite, solution. *See* Bisulphites, inorganic, aqueous solutions, n.o.s.							
*	Sodium hydrosulphide, *with less than 25% water of crystallization*	4.2	UN 2318	Spontaneously Combustible	II	1,2	1,2	
*	Sodium hydrosulphide, *with not less than 25% water of crystallization*	8	UN 2949	Corrosive	II	1,2	1,2	Keep dry. Stow 'away from' acids
*	Sodium hydrosulphide, *with not less than 25% water of crystallization*	8	UN 2949	Corrosive	II	1,2	1,2	
*	Sodium hydrosulphite. *See* Sodium dithionite							
	Sodium hydroxide, solid	8	UN 1823	Corrosive	II	1,2	1,2	Keep dry
	Sodium hydroxide, solution	8	UN 1824	Corrosive	II	1,2	1,2	
*	Sodium, *metal*	4.3	UN 1428	Dangerous When Wet	II	1,2	5	
	Sodium *metal, dispersion in organic liquids*	4.3	UN 1429	Dangerous When Wet	I	1,2	5	
	Sodium methylate	4.3	UN 1431	Dangerous When Wet	I	1,2	1	
	Sodium methylate, solutions *in alcohol*	3.2 3.3	UN 1289 UN 1289	Flammable Liquid Flammable Liquid	II II	1,2 1,2	1 1,2	
	Sodium monoxide	8	UN 1825	Corrosive	II	1,2	1,2	Keep dry
	Sodium nitrate	5.1	UN 1498	Oxidizer	III	1,2	1,2	
*	Sodium nitrate and potash, mixtures	5.1	UN 1478	Oxidizer	II	1,2	1,2	
	Sodium nitrate and potassium nitrate, *mixtures*	5.1	UN 1499	Oxidizer	III	1,2	1,2	
	Sodium nitrate bags, *empty. See* Bags, *empty and unwashed, etc.*							
*	Sodium nitrite	5.1	UN 1500	Oxidizer	III	1,2	1,2	Stow 'separated from' ammonium compounds and cyanides and 'away from' foodstuffs
	Sodium pentachlorophenate	6.1	UN 2567	Poison	II	1,2	1,2	Stow 'away from' living quarters
	Sodium percarbonates	5.1	UN 2467	Oxidizer	III	1,2	1,2	Keep dry
*	Sodium perchlorate	5.1	UN 1502	Oxidizer	II	1,2	1,2	Stow 'away from' powdered metals
	Sodium permanganate	5.1	UN 1503	Oxidizer	II	1,2	1,2	Stow 'separated from' ammonium compounds and hydrogen peroxide
	Sodium peroxide	5.1	UN 1504	Oxidizer	I	1,2	1	Keep dry. Stow 'away from' powdered metals, permanganates, and combustible packagings and cargo
	Sodium persulphate	5.1	UN 1505	Oxidizer	III	1,2	1,2	
*	Sodium phenolate, solid	8	UN 2497	Corrosive	III	1,2	1,2	
*	Sodium phosphide	4.3	UN 1432	Dangerous When Wet, Poison	I	1,2	5	When stowed under deck, stow in a mechanically ventilated space
*N	Sodium picramate, *dry or wetted with less than 20% water, by weight*	1.3C	UN 0235	Explosive (1.3C)	–	–	–	
	Sodium picramate, wetted *with, by weight, at least 20% water*	4.1	UN 1349	Flammable Solid	I	1,2	5	Stow 'away from' heavy metals and their compounds
	Sodium-potassium, *alloy. See* Potassium-sodium, *alloy*							
*N	Sodium salts of nitro-aromatic derivatives, n.o.s., *explosive*	1.3C	UN 0203	Explosive (1.3C)	–	–	–	
	Sodium silicofluoride	6.1	UN 2674	St. Andrews Cross	III	1,2	1,2	Stow 'away from' acids
*	Sodium sulphide, anhydrous *or* Sodium sulphide *with less than 30% water of crystallization*	4.2	UN 1385	Spontaneously Combustible	II	1,2	1,2	Stow 'separated from' liquid acids
	Sodium sulphide, hydrated, *with at least 30% water*	8	UN 1849	Corrosive	II	1,2	1,2	Stow 'away from' acids
	Sodium superoxide	5.1	UN 2547	Oxidizer	I	1,2	5	Keep dry. Stow 'away from' powdered metals, permanganates and combustible packaging and cargo
N	Sounding devices, explosive	1.1E	UN 0374	Explosive (1.1E)	–	–	–	
N	Sounding devices, explosive	1.2E	UN 0375	Explosive (1.2E)	–	–	–	
N	Sounding devices, explosive	1.1F	UN 0296	Explosive (1.1F)	–	–	–	
N	Sounding devices, explosive	1.2F	UN 0204	Explosive (1.2F)	–	–	–	
	Spent mixed acid. See Acid mixtures, *spent*							
	Spirits of salts. *See* Hydrochloric acid							
	Squibs	1.4S	UN 0206	None. Package to be marked "1.4S"	–	1,3	1,3	
*	Squibs	1.4B	UN 0422	Explosive (1.4B)	–	1,3	5	
*	Squibs	1.4G	UN 0423	Explosive (1.4G)	–	1,3	5	
	Stains. *See* Paints, *etc.*							
*	Stannic chloride, anhydrous	8	UN 1827	Corrosive	II	1	1	Keep dry. Glass carboys prohibited on passenger vessels
	Stannic chloride pentahydrate	8	UN 2440	Corrosive	III	1,2	1,2	Keep dry
*	Stannic phosphides	4.3	UN 1433	Dangerous When Wet	I	1,2	5	When stowed under deck, stow in a mechanically ventilated space
	Stibine	2.3	UN 2676	Poison Gas, Flammable Gas	–	1	5	Stow 'away from' living quarters
	Straw	4.1	UN 1327	None	III	1,2	1,2	Stow 'away from' animal or vegetable oils
	Strike anywhere matches. *See* Matches, *strike anywhere*							
	Strontium, *alloys, non-pyrophoric*	4.3	UN 1434	Dangerous When Wet	II	1,2	5	
	Strontium arsenite	6.1	UN 1691	Poison	II	1,2	1,2	
	Strontium chlorate	5.1	UN 1506	Oxidizer	II	1,2	1,2	Stow 'away from' powdered metals, 'separated from' ammonium compounds
	Strontium nitrate	5.1	UN 1507	Oxidizer	III	1,2	1,2	
	Strontium perchlorate	5.1	UN 1508	Oxidizer	II	1,2	1,2	Stow 'away from' powdered metals
	Strontium peroxide	5.1	UN 1509	Oxidizer	II	1,2	1,2	Keep dry
*	Strontium phosphide	4.3	UN 2013	Dangerous When Wet, Poison	I	1,2	5	When stowed under deck, stow in a mechanically ventilated space
*	Strychnine *(and salts of), liquid*	6.1 6.1 6.1	UN 1692 UN 1692 UN 1692	Poison Poison St. Andrews Cross	I II III	1 1,2 1,2	 1 1,2	

172.102 Optional Hazardous Materials Table (Cont'd)

(1) Notes and Symbols	(2) Hazardous Materials Description and Proper Shipping Names	(3) IMCO Class	(4) Identification Number	(5) Label(s) required	(6) Packaging Group	(7) Vessel Stowage Requirements (a) Cargo vessel	(b) Passenger vessel	(c) Other requirements
*	Strychnine *(and salts of), solid*	6.1	UN 1692	Poison	I/II	1,2	1,2	
		6.1	UN 1692	St. Andrews Cross	III	1,2	1,2	
	Styrene monomer, inhibited	3.3	UN 2055	Flammable Liquid	II	1,2	1,2	
N	Substances, explosive, n.o.s.	1.1L	UN 0357	Explosive (1.1L)	–	–	–	
N	Substances, explosive, n.o.s.	1.2L	UN 0358	Explosive (1.2L)	–	–	–	
N	Substances, explosive, n.o.s.	1.3L	UN 0359	Explosive (1.3L)	–	–	–	
*	Substances which, in contact with water, emit flammable gases, n.o.s.	4.3	UN 2813	Dangerous When Wet	I/II/III	1,2	5	
*	Substituted nitrophenol pesticides, liquid, flammable, toxic, n.o.s., *flashpoint below 23 deg C*	3.2	UN 2780	Flammable Liquid and Poison or St. Andrews Cross (according to toxicity)	I/II	1,2	1	
*	Substituted nitrophenol pesticides, liquid, toxic, flammable, n.o.s., *flashpoint between 23 deg C and 61 deg C*	6.1	UN 3013	Poison, Flammable Liquid	I	1	1	Segregation same as for flammable liquids
		6.1	UN 3013	Poison, Flammable Liquid	II	1,2	1	Segregation same as for flammable liquids
		6.1	UN 3013	St. Andrews Cross, Flammable Liquid	III	1,2	1,2	Segregation same as for flammable liquids
*	Substituted nitrophenol pesticides, liquid, toxic, n.o.s.	6.1	UN 3014	Poison	I	1	1	
		6.1	UN 3014	Poison	II	1,2	1	
		6.1	UN 3014	St. Andrews Cross	III	1,2	1,2	
*	Substituted nitrophenol pesticides, solid, toxic, n.o.s.	6.1	UN 2779	Poison	I/II	1,2	1,2	
		6.1	UN 2779	St. Andrews Cross	III	1,2	1,2	
	Succinic acid peroxide. *See* Disuccinic acid peroxide				–	–	–	
*	Sulphamic acid	8	UN 2967	Corrosive	III	1,2	1,2	
	Sulphur chlorides	8	UN 1828	Corrosive	I	1	1	Keep dry. Glass carboys prohibited on passenger vessels
	Sulphur dichloride. See Sulphur chlorides							
	Sulphur dioxide, *liquefied*	2.3	UN 1079	Poison Gas	–	1,2	5	Stow 'away from' living quarters
	Sulphur hexafluoride	2.2	UN 1080	Nonflammable Gas	–	1,2	1,2	
*	Sulphuric acid, fuming	8	UN 1831	Corrosive, Poison	I	1,2	1	Keep dry. Stow 'away from' fluorides and all other corrosives except nitric acids and sulphur trioxide. Under deck stowage is permitted in metal drums only
*	Sulphuric acid, spent	8	UN 1832	Corrosive	II	1,2	1	Stow 'away from' fluorides. For concentrations of more than 51% acid, stow 'away from' all other corrosives except nitric acids and sulphur trioxide. Under deck stowage is permitted in metal drums only.
*	Sulphuric acid, *with more than 51% acid*	8	UN 1830	Corrosive	II	1,2	1	Stow 'away from' fluorides and all other corrosives except nitric acids and sulphur trioxide. Under deck stowage is permitted in metal drums only
*	Sulphuric acid, *with not more than 51% acid*	8	UN 2796	Corrosive	II	1,2	1	Stow 'away from' fluorides. Glass carboys in hampers not permitted under deck
	Sulphuric and hydrofluoric acid, mixtures. See Hydrofluoric acid and sulphuric acid mixtures							
	Sulphuric anhydride. *See* Sulphur trioxide, *stabilized*							
*	Sulphur, *lump and coarse grained powder, or fine grained powder*	4.1	UN 1350	Flammable Solid	III	1,2	1,2	Protect from sparks and open flame. Stow 'separated from' oxidizing substances
	Sulphur, molten	4.1	UN 2448	Flammable Solid	III	1	1	Stow 'separated from' oxidizers, 'away from' living quarters
	Sulphurous acid	8	UN 1833	Corrosive	II	1,2	1	Glass carboys in hampers not permitted under deck
	Sulphur tetrafluoride	2.3	UN 2418	Poison Gas	–	1	5	Stow 'away from' living quarters
	Sulphur trioxide, *stabilized*	8	UN 1829	Corrosive	I	1,2	1,2	Keep dry. Glass bottles not permitted under deck. Stow 'away from' other corrosives except nitric and sulphuric acids
	Sulphuryl chloride	8	UN 1834	Corrosive	I	1	1	Keep dry. Glass carboys prohibited on passenger vessels
	Sulphuryl fluoride	2.3	UN 2191	Poison Gas	–	1,2	5	Stow 'away from' living quarters
	Tars, *liquid. See* Cut-backs, *asphalt or bitumen*							
	Tear gas candles, *non-explosive*	6.1	UN 1700	Poison, Flammable Solid	II	1	5	Segregation same as for flammable solids. Stow 'away from' living quarters
	Tear gas grenades, *non-explosive. See* Tear gas candles							
	Tear gas, *(irritating substances, liquid or solid)*, n.o.s.	6.1	UN 1693	Poison	I/II	1	5	
		6.1	UN 1693	St. Andrews Cross	III	1	5	
	Tellurium hexafluoride	2.3	UN 2195	Poison Gas	–	1	5	Stow 'away from' living quarters
	T.E.L. See Motor fuel anti-knock mixtures							
	Terpene hydrocarbons n.o.s.	3.3	UN 2319	Flammable Liquid	III	1,2	1,2	
	Terpinolene	3.3	UN 2541	Flammable Liquid	III	1,2	1,2	
	Tetrabromoethane	6.1	UN 2504	St. Andrews Cross	III	1,2	1,2	
	1,1,2,2-Tetrachloroethane	6.1	UN 1702	Poison	II	1,2	1,2	
	Tetrachloroethylene	6.1	UN 1897	St. Andrews Cross	III	1,2	1,2	
	Tetraethyl dithiopyrophosphate, liquid *or* mixtures	6.1	UN 1704	Poison	I/II	1	5	
		6.1	UN 1704	St. Andrews Cross	III	1	5	
	Tetraethyl dithiopyrophosphate with gases, *including solutions and mixtures thereof*	2.3	UN 1703	Poison Gas	–	1	5	Stow 'away from' living quarters
	Tetraethylenepentamine	8	UN 2320	Corrosive	III	1,2	1,2	Glass carboys prohibited on passenger vessels

172.102 Optional Hazardous Materials Table (Cont'd)

(1) Notes and Symbols	(2) Hazardous Materials Description and Proper Shipping Names	(3) IMCO Class	(4) Identification Number*	(5) Label(s) required	(6) Packaging Group	(7) Vessel Stowage Requirements (a) Cargo vessel	(b) Passenger vessel	(c) Other requirements
	Tetraethyl lead. *See* Motor fuel anti-knock mixtures							
	Tetraethyl pyrophosphate and compressed gas, *mixture*	2.3	UN 1705	Poison Gas	–	1	5	Stow 'away from' living quarters
	Tetraethyl silicate	3.3	UN 1292	Flammable Liquid	II	1,2	1,2	
*	Tetrafluoroethylene, inhibited	2.1	UN 1081	Nonflammable Gas	–	1,2	5	
*	Tetrafluorohydrazine	2.3	(UN 1955)	Poison Gas	–	1	5	Stow 'away from' living quarters and readily combustible substances, 'separated from' hydrogen
	Tetrafluoromethane	2.2	UN 1982	Nonflammable Gas	–	1,2	1,2	
	1,2,3,6-Tetrahydrobenzaldehyde	3.3	UN 2498	Flammable Liquid	III	1,2	1,2	
	Tetrahydrofuran	3.1	UN 2056	Flammable Liquid	II	1,3	5	Keep cool
*	Tetrahydrofurfurylamine	3.3	UN 2943	Flammable Liquid	III	1,2	1,2	
	Tetrahydrophthalic anhydrides	8	UN 2698	None. Package to be as marked 'Class 8'	III	1,2	1,2	Keep dry
	1,2,3,6-Tetrahydropyridine	3.2	UN 2410	Flammable Liquid	II	1,2	1	
	Tetrahydrothiophene	3.2	UN 2412	Flammable Liquid	II	1,2	1	
	Tetralin hydroperoxide, *technical pure*	5.2	UN 2136	Organic Peroxide	I	1	5	
	Tetramethylammonium hydroxide	8	UN 1835	Corrosive	II	1,2	1,2	
	1,1,3,3-Tetramethyl butyl hydroperoxide, *technical pure*	5.2	UN 2160	Organic Peroxide	II	1	5	
	1,1,3,3-Tetramethyl butyl peroxy-2-ethyl hexanoate, *technical pure*	5.2	UN 2161	Organic Peroxide	I	1	5	Control temperature 20 deg C. Emergency temperature 25 deg C
	Tetramethylsilane	3.1	UN 2749	Flammable Liquid	I	1	5	Keep cool. Shade from radiant heat
N	Tetranitro-aniline	1.1D	UN 0207	Explosive (1.1D)	–	–	–	
*	Tetranitromethane	5.1	UN 1510	Oxidizer	I	1	5	
*	Tetrapropylorthotitanate	3.3	UN 2413	Flammable Liquid	II	1,2	1,2	
N	Tetrazol-1-acetic acid	1.4C	UN 0407	Explosive (1.4C)	–	–	–	
*	Textile waste, wet, n.o.s.	4.2	UN 1857	Spontaneously Combustible	III	1,2	1,2	
	Thallium chlorate	5.1	UN 2573	Oxidizer, Poison	II	1,2	1,2	Stow 'separated from' ammonium compounds and foodstuffs and 'away from' finely powdered metals
*	Thallium compounds, n.o.s. *liquid*	6.1	UN 1707	Poison	I	1		
		6.1	UN 1707	Poison	II	1,2	1	
		6.1	UN 1707	St. Andrews Cross	III	1,2	1,2	
*	Thallium compounds, n.o.s. *solid*	6.1	UN 1707	Poison	I/II	1,2	1,2	
		6.1	UN 1707	St. Andrews Cross	III	1,2	1,2	
	Thallium nitrate	6.1	UN 2727	Poison	II	1,2	1,2	Stow 'away from' living quarters
	4-Thiapentanal	6.1	UN 2785	St. Andrews Cross, Flammable Liquid (only if flashpoint below 61 deg C)	III	1	5	Segregation same as for flammable liquids if flashpoint below 61 deg C. Shade from radiant heat and sunlight. Stow 'away from' living quarters, acids and bases
	Thinners. *See* Paints, *etc.*							
	Thinning liquid. *See* Flammable liquid preparations, n.o.s.							
	Thioacetic acid	3.2	UN 2436	Flammable Liquid	II	1,2	1	
	Thiocarbonyl chloride. See Thiophosgene							
*	Thioglycol	6.1	UN 2966	Poison	II	1,2	1,2	
	Thioglycolic acid	8	UN 1940	Corrosive	II	1,2	1,2	Glass carboys in hampers prohibited under deck
*	Thiolactic acid	6.1	UN 2936	Poison	II	1,2	1,2	
	Thionyl chloride	8	UN 1836	Corrosive	I	1	1	Keep dry. Glass carboys prohibited on passenger vessels
	Thiophene	3.2	UN 2414	Flammable Liquid	II	1,2	1	
	Thiophosgene	6.1	UN 2474	Poison	II	1,2	1	Stow 'away from' acids and living quarters
	Thiophosphoryl chloride	8	UN 1837	Corrosive	II	1	1	Keep dry. Glass carboys prohibited on passenger vessels
	Thiourea	6.1	UN 2877	St. Andrews Cross	III	1,2	1,2	
*	Tin chloride, *fuming. See* Stannic chloride, anhydrous							
*	Tinctures, medicinal	3.2	UN 1293	Flammable Liquid	II	1,2	1	
		3.3	UN 1293	Flammable Liquid	II	1,2	1,2	
*	Tin tetrachloride. *See* Stannic chloride, anhydrous							
	Titanium hydride	4.1	UN 1871	Flammable Solid	II	1,2	5	
*	Titanium *metal* powder, dry *mechanically produced, particle size between 3 and 53 microns; or chemically produced, particle size less than 840 microns*	4.2	UN 2546	Spontaneously Combustible	II	1	5	
*	Titanium *metal* powder, wetted *with not less than 25% water (a visible excess of water must be present) mechanically produced, particle size between 3 and 53 microns; or chemically produced, particle size less than 840 microns*	4.1	UN 1352	Flammable Solid	II	1,2	5	
*	Titanium sponge granules or Titanium sponge powders	4.1	UN 2878	Flammable Solid	III	1	5	
	Titanium tetrachloride	8	UN 1838	Corrosive	II	1	1	Keep dry. Glass carboys prohibited on passenger vessels
	Titanium trichloride mixtures, *non-pyrophoric*	8	UN 2869	Corrosive	II	1,2	1,2	Keep dry
	Titanium trichloride, pyrophoric or Titanium trichloride mixtures, pyrophoric	4.2	UN 2441	Spontaneously Combustible, Corrosive	II	1,2	1,2	
	Toe puffs, *nitrocellulose base*	4.1	UN 1353	Flammable Solid	III	1	5	
	Toluene	3.2	UN 1294	Flammable Liquid	II	1,2	1	
	Toluene diisocyanate *(T.D.I.)*	6.1	UN 2078	Poison	II	1,2	1	Shade from radiant heat. Stow 'away from' living quarters
	Toluidines *(o-, m-, p-)*	6.1	UN 1708	Poison	II	1,2	1,2	Stow 'away from' acids

172.102 Optional Hazardous Materials Table (Cont'd)

(1) Notes and Symbols	(2) Hazardous Materials Description and Proper Shipping Names	(3) IMCO Class	(4) Identification Number	(5) Label(s) required	(6) Packaging Group	(7) Vessel Stowage Requirements (a) Cargo vessel	(b) Passenger vessel	(c) Other requirements
	2,4-Toluylenediamine	6.1	UN 1709	St. Andrews Cross	III	1,2	1,2	
N	Torpedoes, *with bursting charge*	1.1E	UN 0329	Explosive (1.1E)	–	–	–	
N	Torpedoes, *with bursting charge*	1.1F	UN 0330	Explosive (1.1F)	–	–	–	
	Tracers for ammunition	1.4 G	UN 0306	Explosive (1.4G)	–	1,3	1,3	
N	Tracers for ammunition	1.3G	UN 0212	Explosive (1.3G)	–	–	–	
	Triallylamine	3.3	UN 2610	Flammable Liquid	II	1,2	1,2	
	Triallyl borate	6.1	UN 2609	St. Andrews Cross, Flammable Liquid (only if flashpoint below 61 deg C)	III	1,3	1,3	Keep cool and dry. Shade from radiant heat. If flashpoint below 61 deg C, segregation same as for flammable liquids
*	Triazine pesticides, liquid, flammable, toxic, n.o.s., *flashpoint below 23 deg C*	3.2	UN 2764	Flammable Liquid and Poison or St. Andrews Cross (according to toxicity)	I/II	1,2	1	
*	Triazine pesticides, liquid, toxic, flammable, n.o.s., *flashpoint between 23 deg C and 61 deg C*	6.1	UN 2997	Poison, Flammable Liquid	I	1	1	Segregation same as for flammable liquids
		6.1	UN 2997	Poison, Flammable Liquid	II	1,2	1	Segregation same as for flammable liquids
		6.1	UN 2997	St. Andrews Cross, Flammable Liquid	III	1,2	1,2	Segregation same as for flammable liquids
*	Triazine pesticides, liquid, toxic, n.o.s.	6.1	UN 2998	Poison	I	1	1	
		6.1	UN 2998	Poison	II	1,2	1	
		6.1	UN 2998	St. Andrews Cross	III	1,2	1,2	
*	Triazine pesticides, solid, toxic, n.o.s.	6.1	UN 2763	Poison	I/II	1,2	1,2	
		6.1	UN 2763	St. Andrews Cross	III	1,2	1,2	
	Tributylamine	8	UN 2542	Corrosive	III	1,2	1,2	
	Trichloroacetic acid, solid	8	UN 1839	Corrosive	II	1,2	1,2	Keep dry
	Trichloroacetic acid, *solutions*	8	UN 2564	Corrosive	II	1,2	1	Glass carboys in hampers prohibited under deck
	Trichloroacetyl chloride	8	UN 2442	Corrosive	II	1	5	Keep dry
	Trichlorobenzenes, *liquid*	6.1	UN 2321	St. Andrews Cross	III	1,2	1,2	Stow 'away from' living quarters
	Trichlorobutene	6.1	UN 2322	Poison	II	1,2	1,2	Shade from radiant heat. Stow 'away from' living quarters
	1,1,1,-Trichloroethane	6.1	UN 2831	St. Andrews Cross	III	1,2	1,2	
	Trichloroethylene	6.1	UN 1710	St. Andrews Cross	III	1,2	1,2	
*	Trichloroisocyanuric acid, dry	5.1	UN 2468	Oxidizer	II	1,2	1,2	Shade from radiant heat. Keep dry. Stow 'separated from' nitrogen compounds
*	Trichlorosilane	4.3	UN 1295	Dangerous When Wet, Flammable Liquid, Corrosive	I	1	5	
	Tricresylphosphate, *with more than 3% ortho isomer*	6.1	UN 2574	Poison	II	1,2	1,2	
*	Triethylaluminium	4.2	UN 1102	Spontaneously Combustible	I	1	1	
	Triethylamine	3.2	UN 1296	Flammable Liquid	II	1,2	1	
	Triethylenetetramine	8	UN 2259	Corrosive	II	1,2	1	Stow 'separated from' nitric acid, 'away from' acids, copper and copper alloys and living quarters
*	Triethyl phosphite	3.3	UN 2323	Flammable Liquid	III	1,2	1,2	Stow 'separated from' acids
	Trifluoroacetic acid	8	UN 2699	Corrosive	I	1,3	1	Keep cool. Stow 'away from' all other corrosives
	Trifluorobromomethane. See Bromotrifluoromethane							
*	Trifluorochloroethylene, inhibited	2.1	UN 1082	Flammable Gas	–	1,2	1	
	Trifluorochloromethane. See Chlorotrifluoromethane							
	Trifluoroethane	2.1	UN 2035	Flammable Gas	–	1,2	1	Stow 'away from' living quarters
	Trifluoromethane	2.2	UN 1984	Nonflammable Gas	–	1,2	1,2	
*	3-Trifluoromethyl aniline	6.1	UN 2948	Poison	II	1,2	1,2	
*	2-Trifluoromethyl aniline	6.1	UN 2942	St. Andrews Cross	III	1,2	1,2	
	Triisobutyl aluminium	4.2	UN 1930	Spontaneously Combustible	I	1	1	
	Triisobutylene	3.3	UN 2324	Flammable Liquid	II	1,2	1,2	
	Triisocyanatoisocyanurate of isophoronedisocyanate, solution *70%, by weight*	3.3	UN 2906	Flammable Liquid	III	1,2	1,2	
	Triisopropyl borate	3.3	UN 2616	Flammable Liquid	II	1,2	1,2	
	Trimethylacetyl chloride	8	UN 2438	Corrosive, Flammable Liquid	II	1	5	Shade from radiant heat. Segregation same as for flammable liquids
*	Trimethylaluminium	4.2	UN 1103	Spontaneously Combustible	I	1	1	
*	Trimethylamine, anhydrous	2.1	UN 1083	Flammable Gas	–	1	5	
	Trimethylamine, *aqueous solutions containing not more than 30% of trimethylamine*	3.2	UN 1297	Flammable Liquid	II	1,2	1	Stow 'away from' mercury and its compounds
	1,3,5-Trimethylbenzene	3.3	UN 2325	Flammable Liquid	III	1,2	1,2	
*	Trimethyl borate	3.2	UN 2416	Flammable Liquid	II	1,2	1	
		3.3	UN 2416	Flammable Liquid	II	1,2	1,2	
	Trimethylchlorosilane	3.2	UN 1298	Flammable Liquid, Corrosive	I	1,2	1	
	Trimethylcyclohexylamine	8	UN 2326	Corrosive	III	1,2	1,2	Glass carboys prohibited on passenger vessels
*	Trimethylhexamethylene diamines	8	UN 2327	Corrosive	III	1,2	1,2	Glass carboys prohibited on passenger vessels
	Trimethylhexamethylene diisocyanate	6.1	UN 2328	Poison	II	1,2	1	

172.102 Optional Hazardous Materials Table (Cont'd)

(1) Notes and Symbols	(2) Hazardous Materials Description and Proper Shipping Names	(3) IMCO Class	(4) Identification Number	(5) Label(s) required	(6) Packaging Group	(7) Vessel Stowage Requirements (a) Cargo vessel	(b) Passenger vessel	(c) Other requirements
*	2,4,4-Trimethylpentyl-2-peroxy phenoxy acetate, *maximum concentration 37%, in solution*	5.2	UN 2961	Organic Peroxide	II	1	5	Control temperature -10 deg C. Emergency temperature 0 deg C
	Trimethyl phosphite	3.3	UN 2329	Flammable Liquid	III	1,2	1,2	
N	Trinitro-aniline	1.1D	UN 0153	Explosive (1.1D)	–	–	–	
N	Trinitroanisole	1.1D	UN 0213	Explosive (1.1D)	–	–	–	
*N	Trinitrobenzene, *dry or wetted with less than 30% water, by weight*	1.1D	UN 0214	Explosive (1.1D)	–	–	–	
N	Trinitrobenzenesulfonic acid	1.1L	UN 0386	Explosive (1.1L)	–	–	–	
	Trinitrobenzene, wetted *with, by weight, at least 10% water*	4.1–	UN 1354	Flammable Solid	I	1	5	Stow 'away from' heavy metals and their compounds
	Trinitrobenzene, wetted *with not less than 30% water, by weight*	4.1	UN 1354	Flammable Solid	I	1,2	5	Stow 'away from' heavy metals and their compounds
N	Trinitrobenzoic acid, *dry or containing, by weight, less than 30% water*	1.1D	UN 0215	Explosive (1.1D)	–	–	–	
	Trinitrobenzoic acid, wetted *with, by weight, at least 10% water*	4.1	UN 1355	Flammable Solid	I	1	5	Stow 'away from' heavy metals and their compounds
	Trinitrobenzoic acid, wetted *with not less than 30% water, by weight*	4.1	UN 1355	Flammable Solid	I	1,2	5	Stow 'away from' heavy metals and their compounds
N	Trinitrochlorobenzene	1.1D	UN 0155	Explosive (1.1D)	–	–	–	
N	Trinitrofluorenone	1.1D	UN 0387	Explosive (1.1D)	–	–	–	
*N	Trinitro-m-cresol	1.1D	UN 0216	Explosive (1.1D)	–	–	–	
N	Trinitronaphthalene	1.1D	UN 0217	Explosive (1.1D)	–	–	–	
N	Trinitrophenetole	1.1D	UN 0218	Explosive (1.1D)	–	–	–	
*N	Trinitrophenol, *dry or wetted with less than 30% water, by weight*	1.1D	UN 0154	Explosive (1.1D)	–	–	–	
*	Trinitrophenol, wetted, *with not less than 30% water, by weight*	4.1	UN 1344	Flammable Solid	I	1,2	5	Stow 'away from' heavy metals and their compounds
*	Trinitrophenol, wetted *with not less than 10% water, by weight*	4.1	UN 1344	Flammable Solid	I	1	5	Stow 'away from' heavy metals and their compounds
N	Trinitrophenylmethylnitramine	1.1D	UN 0208	Explosive (1.1D)	–	–	–	
N	Trinitroresorcinol, *containing, by weight, not less than 20% water or mixture of alcohol and water*	1.1D	UN 0394	Explosive (1.1D)	–	–	–	
*N	Trinitroresorcinol, *dry or wetted with less than 20% water, by weight (or mixture of alcohol and water)*	1.1D	UN 0219	Explosive (1.1D)	–	–	–	
*N	Trinitrotoluene and hexanitrostilbene mixtures or Trinitrotoluene and trinitrobenzene mixtures	1.1D	UN 0388	Explosive (1.1D)	–	–	–	
*N	Trinitrotoluene, *dry or wetted with less than 30% water, by weight*	1.1D	UN 0209	Explosive (1.1D)	–	–	–	
*N	Trinitrotoluene mixtures containing trinitrobenzene and hexanitrostilbene	1.1D	UN 0389	Explosive (1.1D)	–	–	–	
	Trinitrotoluene, wetted *with, by weight, at least 10% water*	4.1	UN 1356	Flammable Solid	I	1	5	Stow 'away from' heavy metals and their compounds
	Trinitrotoluene, wetted *with not less than 30% water, by weight*	4.1	UN 1356	Flammable Solid	I	1,2	5	Stow 'away from' heavy metals and their compounds
	Tripropylaluminum	4.2	UN 2718	Spontaneously Combustible	I	1	5	
	Tripropylamine	3.3	UN 2260	Flammable Liquid, Corrosive	II	1,2	1,2	
	Tripropylene	3.2 3.3	UN 2057 UN 2057	Flammable Liquid Flammable Liquid	II II	1,2 1,2	1 1,2	
	Tris-(1-aziridinyl)phosphine oxide, solution	6.1	UN 2501	Poison	II	1,2	1,2	Stow 'away from' living quarters
N	Tritonal	1.1D	UN 0390	Explosive (1.1D)	–	–	–	
*	Tungsten hexafluoride	2.3	UN 2196	Poison Gas	–	1	5	
	Turpentine	3.3	UN 1299	Flammable Liquid	III	1,2	1,2	
	Turpentine substitute	3.2 3.3	UN 1300 UN 1300	Flammable Liquid Flammable Liquid	II II	1,2 1,2	1 1,2	
*	*U D M H. See* Dimethylhydrazine, unsymmetrical							
	Undecane	3.3	UN 2330	Flammable Liquid	III	1,2	1,2	
	Urea hydrogen peroxide	5.1	UN 1511	Oxidizer	III	1,2	1,2	Keep dry. Shade from radiant heat
N	Urea nitrate, *dry or containing, by weight, less than 20% water*	1.1D	UN 0220	Explosive (1.1D)	–	–	–	
*	Urea nitrate, wetted *with not less than 10% water, by weight*	4.1	UN 1357	Flammable Solid	I	1,2	1,2	
	Urea nitrate, wetted *with not less than 20% water, by weight*	4.1	UN 1357	Flammable Solid	I	1,2	1,2	
	Valeraldehyde	3.2	UN 2058	Flammable Liquid	II	1,2	1	
	Valeryl chlorides	8	UN 2502	Corrosive	II	1	1	Keep dry
	Vanadium oxitrichloride	8	UN 2443	Corrosive	II	1	1	Keep dry. Stow 'away from' organic compounds
	Vanadium pentoxide, *non-fused form*	6.1	UN 2862	Poison	II	1,2	1,2	Stow 'away from' living quarters
	Vanadium tetrachloride	8	UN 2444	Corrosive	I	1	1	Keep dry. Glass carboys prohibited on passenger vessels
	Vanadium trichloride	8	UN 2475	Corrosive	III	1,2	1,2	Keep dry
	Vanadium trioxide, *non-fused form*	6.1	UN 2860	Poison	II	1,2	1,2	Stow 'away from' living quarters
*	Vanadyl sulphate	6.1	UN 2931	Poison	II	1,2	1,2	Stow 'away from' living quarters
	Varnish. *See* Paints, *etc.*							
	Vinyl acetate, *inhibited*	3.2	UN 1301	Flammable Liquid	II	1,2	1	
	Vinyl bromide, *inhibited*	2.1	UN 1085	Flammable Gas	–	1,2	1	Stow 'away from' living quarters
	Vinyl butyrate, inhibited	3.2	UN 2838	Flammable Liquid	II	1,2	1	
	Vinyl chloride, *inhibited*	2.1	UN 1086	Flammable Gas	–	1,2	1	Stow 'away from' living quarters
	Vinyl chloroacetate	6.1	UN 2589	Poison, Flammable Liquid	II	1,2	1,2	Segregation same as for flammable liquids
	Vinyl ethyl ether, *inhibited*	3.1	UN 1302	Flammable Liquid	I	1,3	5	Keep cool
	Vinyl fluoride, *inhibited*	2.1	UN 1860	Flammable Gas	–	1,2	1	Stow 'away from' living quarters

172.102 Optional Hazardous Materials Table (Cont'd)

(1) Notes and Symbols	(2) Hazardous Materials Description and Proper Shipping Names	(3) IMCO Class	(4) Identification Number	(5) Label(s) required	(6) Packaging Group	(7) Vessel Stowage Requirements (a) Cargo vessel	(b) Passenger vessel	(c) Other requirements
	Vinylidene chloride, *inhibited*	3.1	UN 1303	Flammable Liquid	I	1,2	5	Keep cool
	Vinyl isobutyl ether, *inhibited*	3.2	UN 1304	Flammable Liquid	II	1,2	1	
*	Vinyl methyl ether, *inhibited*	2.1	UN 1087	Flammable Gas	–	1,2	1	
	Vinyl toluenes *(mixed isomers), inhibited*	3.3	UN 2618	Flammable Liquid	III	1,2	1,2	
	Vinyl trichlorosilane, inhibited	3.2	UN 1305	Flammable Liquid, Corrosive	I	1,2	1	
N	Warheads, rocket, *with burster or expelling charge*	1.4D	UN 0370	Explosive (1.4D)	–	–	–	
N	Warheads, rocket, *with burster or expelling charge*	1.4F	UN 0371	Explosive (1.4F)	–	–	–	
N	Warheads, rocket, *with bursting charge*	1.1D	UN 0286	Explosive (1.1D)	–	–	–	
N	Warheads, rocket, *with bursting charge*	1.2D	UN 0287	Explosive (1.2D)	–	–	–	
N	Warheads, rocket, *with bursting charge*	1.1F	UN 0369	Explosive (1.1F)	–	–	–	
N	Warheads, torpedo, *with bursting charge*	1.1D	UN 0221	Explosive (1.1D)	–	–	–	
	White asbestos. *See* Asbestos, white							
	White phosphorus, *dry. See* Phosphorus, *white or yellow, dry*							
	White phosphorus, *wet. See* Phosphorus, *white or yellow, in water*							
	Wood alcohol. See Methanol							
	Wool waste, *wet*	4.2	UN 1387	Spontaneously Combustible	III	1,2	1,2	
	Xenon	2.2	UN 2036	Nonflammable Gas	–	1,2	1,2	
	Xenon, refrigerated liquid	2.2	UN 2591	Nonflammable Gas	–	1,2	1	
	Xylenes	3.2	UN 1307	Flammable Liquid	II	1,2	1	
		3.3	UN 1307	Flammable Liquid	II	1,2	1,2	
	Xylenols	6.1	UN 2261	Poison	II	1,2	1,2	
	Xylidines	6.1	UN 1711	Poison	II	1,2	1,2	Stow 'away from' acids
	Xylols. See Xylenes							
	Xylyl bromide	6.1	UN 1701	Poison	II	1	5	
	Yellow phosphorus, *dry. See* Phosphorus, *white or yellow, dry*							
	Yellow phosphorus, *wet. See* Phosphorus, *white or yellow, in water*							
*	Zinc arsenate *or* Zinc arsenite, *or* mixtures *thereof, solid*	6.1	UN 1712	Poison	II	1,2	1,2	
	Zinc ashes	4.3	UN 1435	Dangerous When Wet	III	1,2	1,2	
	Zinc bromate	5.1	UN 2469	Oxidizer	III	1,2	1,2	Stow 'away from' powdered metals and 'separated from' ammonium compounds
	Zinc chlorate	5.1	UN 1513	Oxidizer	II	1,2	1,2	Stow 'away from' powdered metals, 'separated from' ammonium compounds
*	Zinc chloride, anhydrous	8	UN 2331	Corrosive	III	1,2	1,2	Keep dry
*	Zinc chloride, solution	8	UN 1840	Corrosive	III	1,2	1,2	
	Zinc cyanide	6.1	UN 1713	Poison	I	1,2	1,2	Stow 'away from' acids
	Zinc hydrosulphite	9	UN 1931	None	III	1,2	1,2	Keep dry Stow 'away from' acids
	Zinc nitrate	5.1	UN 1514	Oxidizer	II	1,2	1,2	
	Zinc permanganate	5.1	UN 1515	Oxidizer	II	1,2	1,2	Stow 'separated from' ammonium compounds and hydrogen peroxide
	Zinc peroxide	5.1	UN 1516	Oxidizer	II	1,2	1,2	Keep dry
*	Zinc phosphide	4.3	UN 1714	Dangerous When Wet, Poison	I	1,2	5	When stowed under deck, stow in a mechanically ventilated space
	Zinc, *powder or dust, pyrophoric. See* Pyrophoric metals							
*	Zinc powder *or* zinc dust, *non-pyrophoric*	4.3	UN 1436	Dangerous When Wet	II	1,2	1,2	
	Zinc resinate	4.1	UN 2714	Flammable Solid	III	1,2	1,2	
	Zinc silicofluoride	6.1	UN 2855	St. Andrews Cross	III	1,2	1,2	Stow 'away from' acids
	Zirconium hydride	4.1	UN 1437	Flammable Solid	II	1,2	5	
*	Zirconium, *metal,* dry, *finished metal sheets, strip or coiled wire (thinner than 18 microns)*	4.2	UN 2009	Spontaneously Combustible	III	1	5	
	Zirconium, *metal,* dry, *finished sheets, strip or coiled wire (thinner than 254 microns but not thinner than 18 microns)*	4.1	UN 2858	Flammable Solid	III	1,2	1,2	
*	Zirconium *metal* powder, dry *mechanically produced, particle size between 3 and 53 microns; or chemically produced, particle size between 10 and 840 microns*	4.2	UN 2008	Spontaneously Combustible	II	1	5	
*	Zirconium *metal* powder, wetted *with not less than 25% water (a visible excess of water must be present), mechanically produced, having a particle size less than 53 microns; or chemically produced, having a particle size less than 840 microns*	4.1	UN 1358	Flammable Solid	II	1,2	5	
	Zirconium nitrate	5.1	UN 2728	Oxidizer	III	1,2	1,2	Shade from radiant heat
*N	Zirconium picramate, *dry or wetted with less than 20% water, by weight*	1.3C	UN 0236	Explosive (1.3C)	–	–	–	
	Zirconium picramate, wetted *with, by weight, at least 20% water*	5.1	UN 1517	Oxidizer	I	1	5	Stow 'away from' heavy metals and their salts
	Zirconium, *scrap*	4.2	UN 1932	Spontaneously Combustible	III	1	5	
	Zirconium, *suspended in flammable liquid*	3.1	UN 1308	Flammable Liquid	II	1	5	Keep cool
	Zirconium tetrachloride	8	UN 2503	Corrosive	III	1,2	1,2	Keep dry

[49 U.S.C. 1803, 1804, 1808, 49 CFR 1.53, App. A to Part 1]

Note.—The Materials Transportation Bureau has determined that this document does not constitute a "major rule" under terms of Executive Order 12291 or a significant regulation under DOT's regulatory policy and procedures (44 FR 11034) nor require an environmental impact statement under the National Environmental Policy Act (49 U.S.C. 4321 *et seq*). I certify that this Amendment will not have a significant economic impact on a substantial number of small entities. A regulatory evaluation and environmental assessment are available for review in the docket.

Issued in Washington, D.C., on October 24, 1983.

L. D. Santman,

Director, Materials Transportation Bureau.

[FR Doc. 83-29297 Filed 10-28-83; 8:45 am]

BILLING CODE 4910-60-T

federal register

Monday
October 31, 1983

Part III

Department of Energy

Federal Energy Regulatory Commission

Determinations by Jurisdictional Agencies Under the Natural Gas Policy Act of 1978

DEPARTMENT OF ENERGY

Federal Energy Regulatory Commission

[Vol. 986]

Determinations by Jurisdictional Agencies Under the Natural Gas Policy Act of 1978

Issued: October 25, 1983.

The following notices of determination were received from the indicated jurisdictional agencies by the Federal Energy Regulatory Commission pursuant to the Natural Gas Policy Act of 1978 and 18 CFR 274.104. Negative determinations are indicated by a "D" before the section code. Estimated annual production (PROD) is in million cubic feet (MMCF).

The applications for determination are available for inspection except to the extent such material is confidential under 18 CFR 275.206, at the Commission's Division of Public Information, Room 1000, 825 North Capitol St., Washington, D.C. Persons objecting to any of these determinations may, in accordance with 18 CFR 275.203 and 275.204, file a protest with the Commission within fifteen days after publication of notice in the **Federal Register**. Source data from the Form 121 for this and all previous notices is available on magnetic tape from the National Technical Information Service (NTIS). For information, contact Stuart Weisman (NTIS) at (703) 487-4808, 5285 Port Royal Rd., Springfield, Va. 22161.

Categories within each NGPA section are indicated by the following codes:

Section 102-1: New OCS lease
- 102-2: New well (2.5 Mile rule)
- 102-3: New well (1000 Ft. rule)
- 102-4: New onshore reservoir
- 102-5: New reservoir on old OCS lease

107-DP: 15,000 feet or deeper
- 107-GB: Geopressured brine
- 107-CS: Coal Seams
- 107-DV: Devonian Shale
- 107-PE: Production enhancement
- 107-TF: New tight formation
- 107-RT: Recompletion tight formation

Section 108: Stripper well
- 108-SA: Seasonally affected
- 108-ER: Enhanced recovery
- 108-PB: Pressure buildup

Kenneth F. Plumb,
Secretary.

NOTICE OF DETERMINATIONS

VOLUME 986

ISSUED OCTOBER 25, 1983

JD NO	JA DKT	API NO	D	SEC(1)	SEC(2)	WELL NAME	FIELD NAME	PROD	PURCHASER
OHIO DEPARTMENT OF NATURAL RESOURCES									
-ATWOOD RESOURCES INC						RECEIVED: 09/28/83 JA: OH			
8357230		3411521722		103	107-TF	TOMMY ROSS #1	MCCONNELSVILLE	15.0	KST OIL & GAS CO
-D & B ENTERPRISES						RECEIVED: 09/28/83 JA: OH			
8357231		3411523132		103		PINNEL & CARY #9	STOCKPORT	30.0	
8357232		3411523193		103		PINNELL & CARY #10	STOCKPORT	30.0	
-BARB OIL CO						RECEIVED: 09/28/83 JA: OH			
8357233		3408924731		103		JOHN RAUCH #1	MADISON	0.0	NATIONAL GAS & OI
-BELDEN & BLAKE & CO #2						RECEIVED: 09/28/83 JA: OH			
8357236		3415123853		103		D CLAPPER - 1-341315	OSHABURG	36.5	
8357235		3415123713		103		R H HALTER - 1-341315	OSHABURG	36.5	
8357234		3401921628		103		W & S FINDLEY COMM #2 - 341297	ROSE	36.5	
-BERTRAM PAUL G JR						RECEIVED: 09/28/83 JA: OH			
8357281		3416725739		103		LOREN TROUT HEIRS #1	WARREN TOWNSHIP - BER	170.0	GAS TRANSPORT INC
-BILL BLAIR INCORPORATED						RECEIVED: 09/28/83 JA: OH			
8357238		3402920955		103	107-TF	HEROLD #2	HOMEWORTH	18.0	EAST OHIO GAS CO
8357237		3402920954		103	107-TF	HEROLD #3	HOMEWORTH	14.0	EAST OHIO GAS CO
-BUCKHORN OIL COMPANY INC						RECEIVED: 09/28/83 JA: OH			
8357239		3407523524		103		LLOYD SCHLAUCH #6	RICHLAND	9.0	COLUMBIA GAS TRAN
-CA D' ORA INC						RECEIVED: 09/28/83 JA: OH			
8357240		3416727392		103		S NEILL #1	WATERFORD	3.7	
-CLINTON OIL CO						RECEIVED: 09/28/83 JA: OH			
8357335		3415321456		107-TF		D MOHROTH #1-666	BATH	18.0	
-CNG DEVELOPMENT CO						RECEIVED: 09/28/83 JA: OH			
8357241		3412123001		103	107-TF	P & E BOWERS #1 CNGD #145	BUFFALO	4.0	
-DORFMAN PRODUCTION CO						RECEIVED: 09/28/83 JA: OH			
8357242		3409921592		103	107-TF	GREENAMYER UNIT #1	DAMASCUS	12.0	COLUMBIA GAS TRAN
8357244		3409921618		103	107-TF	PHILLIS UNIT #2	DAMASCUS	12.0	COLUMBIA GAS TRAN
8357243		3409921604		103	107-TF	SMITH UNIT #1	DAMASCUS	12.0	COLUMBIA GAS TRAN
-EDCO DRILLING & PRODUCING INC						RECEIVED: 09/28/83 JA: OH			
8357245		3408323352		103		MCKEE ED-3A	HARRISON	18.0	
-ENERGY DEVELOPMENT CORP						RECEIVED: 09/28/83 JA: OH			
8357249		3405520708		107-RT		BEAN #1	WINDSOR	19.0	COLUMBIA GAS TRAN
8357248		3405520240		107-RT		CLAWSON #1	HUNTSBURG	18.0	COLUMBIA GAS TRAN
-ENTERPRISE ENERGY CORP						RECEIVED: 09/28/83 JA: OH			
8357250		3401921324		103		CLARK-MORRISON #11E	ORANGE	36.5	EAST OHIO GAS CO
8357251		3411523128		103	107-TF	MURRAY #3	MEIGSVILLE	18.2	
-ENVIROGAS INC						RECEIVED: 09/28/83 JA: OH			
8357253		3400922813		103	107-TF	SUNDAY CREEK COAL #6E	DOVER	18.2	
8357252		3400922812		103	107-TF	SUNDAY CREEK COAL #8E	DOVER	18.2	
-EVERFLOW EASTERN INC						RECEIVED: 09/28/83 JA: OH			
8357254		3415123798		103	107-TF	BRUMBAUGH #1	WASHINGTON	0.0	
-FREDERICK PETROLEUM CORP						RECEIVED: 09/28/83 JA: OH			
8357256		3412123013		107-TF		H SMITH #1	JEFFERSON	27.0	
8357255		3412122913		107-TF		NOON/THOMPSON #3	JEFFERSON	7.0	
-GEORGE W SHARP						RECEIVED: 09/28/83 JA: OH			
8357257		3412725778		103		PAUL JAMES #1	HARRISON	10.0	

BILLING CODE 6717-01-M

JD NO	JA DKT	API NO	D	SEC(1)	SEC(2)	WELL NAME	FIELD NAME	PROD	PURCHASER
-GRAVEL BANK PRODUCTION CO				RECEIVED:	09/28/83	JA: OH			
8357258		3416726426		103		LEGLEIGHTNER #1	WARREN	550.0	GAS TRANSPORT INC
-HOPEWELL OIL AND GAS DEVELOPMENT CO				RECEIVED:	09/28/83	JA: OH			
8357261B		3412725900	D	107-TF		BERTHA & CHARLES BEATRICE #3	PLEASANT	0.0	COLUMBIA GAS TRAN
8357261A		3412725900		103		BERTHA & CHARLES BEATRICE #3	PLEASANT	0.0	COLUMBIA GAS TRAN
8357259		3411926184		103		HARLAN ANDERS #2	HARRISON	0.0	NATIONAL GAS & OI
8357260		3411926576		103	107-TF	HERMAN CROCK #4	NEWTON	0.0	NATIONAL GAS & OI
-KEN-TRAK XI				RECEIVED:	09/28/83	JA: OH			
8357262		3410522530		107-TF		ROBERT MILLER #2	LOWER MISSISSIPPIAN	0.0	COLUMBIA GAS TRAN
-KENOIL				RECEIVED:	09/28/83	JA: OH			
8357264		3416923528		107-TF		KENNETH R MILLER #2	CLINTON	3.0	COLUMBIA GAS TRAN
8357263		3416923375		107-TF		ROBERTA MAIDEN #2	CANAAN	5.0	COLUMBIA GAS TRAN
-LEW BATES JR				RECEIVED:	09/28/83	JA: OH			
8357265		3408924747		103		A G SADESKI #1	BOWLING-GREEN	0.0	YANKEE RESOURCES
-MARK PRODUCING INC				RECEIVED:	09/28/83	JA: OH			
8357270		3411723450		102-2		BOSH #1	N BLOOMFIELD	550.0	
8357269		3411723449		102-2		CRAMER #1	N BLOOMFIELD	55.0	
8357268		3411723447		102-2		GARVERICK #1	N BLOOMFIELD	55.0	
-MARK RESOURCES CORP				RECEIVED:	09/28/83	JA: OH			
8357271		3400702249		103	107-TF	T KISTER #1	KINGSVILLE	30.0	EAST OHIO GAS CO
-MID-ATLANTIC OIL CO				RECEIVED:	09/28/83	JA: OH			
8357275		3411523214		103	107-TF	P C SILVUS #2	CENTER	50.0	EAST OHIO GAS CO
8357273		3411523196		103	107-TF	PHILLIS/SILVUS #1	CENTER	50.0	EAST OHIO GAS CO
8357274		3411523198		103	107-TF	R HOUSER #2	CENTER	50.0	EAST OHIO GAS CO
8357272		3411523032		103	107-TF	ROBERTS #1	CENTER	50.0	EAST OHIO GAS CO
-MID-COH OIL COMPANY				RECEIVED:	09/28/83	JA: OH			
8357276		3412725931		103		MONT COOPERRIDER #1	THORN	18.0	NATIONAL GAS & OI
8357277		3412725949		103		R WALSER #1	THORN	18.0	NATIONAL GAS & OI
-OHIO HYDROCARBONS INC				RECEIVED:	09/28/83	JA: OH			
8357278		3411320723		103		PLOSKI #3	KNOX	10.0	TENNESSEE GAS PIP
8357279		3416320726		103		PLOSKI #6	MCCARTHUR	10.0	TENNESSEE GAS PIP
-OHIO NATURAL FUEL CO				RECEIVED:	09/28/83	JA: OH			
8357280		3407522824		103		CHARVAT #2	KNOX	1.2	COLUMBIA GAS TRAN
-OXFORD OIL CO				RECEIVED:	09/28/83	JA: OH			
8357337		3411926628		103	107-TF	GERALD WAGNER #2	SALT CREEK	10.0	COLUMBIA GAS TRAN
8357336		3408924762		103		JOHN SEWARD #1	PERRY	10.0	
8357339		3412725985		103		LYMAN BASHORE #1-S	THORN	8.0	
8357338		3412725970		103	107-TF	THEODORE WILLIAMS #2	CLAYTON	10.0	NATIONAL GAS & OI
-PETRO EVALUATION SERVICES INC				RECEIVED:	09/28/83	JA: OH			
8357282		3408320321		103	107-TF	LANGSHAW #4	PERRY	4.0	
8357284		3408520427		103	107-TF	SECOR #1	PERRY	34.0	
8357283		3408520425		103	107-TF	SECOR #2	PERRY	30.0	
-POI ENERGY INC				RECEIVED:	09/28/83	JA: OH			
8357287		3405520514		103	107-TF	CLEVELAND GLASS #1	BAINBRIDGE	43.0	
8357286		3405520496		103	107-TF	H&R INVESTMENTS #HG-6	BAINBRIDGE	42.0	
8357288		3405520493		103	107-TF	OLDMAN #HG-1	BAINBRIDGE	32.0	
8357285		3400722191		103	107-TF	SOBIERAJ #1	WAYNE	35.0	
-POMINEX INC				RECEIVED:	09/28/83	JA: OH			
8357289		3409921607		103	107-TF	SWANSTON CHILDREN'S HOME #3	CANFIELD	18.0	
-PREMIUM ENERGY INC				RECEIVED:	09/28/83	JA: OH			
8357290		3403124619		103		FLOYD SHELDON #1	SPRING MOUNTAIN	5.0	
8357291		3407523393		103		OVA RINEHART #1	KILLBUCK	4.0	
8357292		3407524087		107-TF		PLANISEK & MARK COBURN #1	KILLBUCK	8.0	
-R GENE BRASEL DBA BRASEL & BRASEL				RECEIVED:	09/28/83	JA: OH			
8357293		3405305890		107-TF		BRASEL-STEWART #1	CHESHIRE	1.5	COLUMBIA GAS TRAN
-RELIANCE ENERGY				RECEIVED:	09/28/83	JA: OH			
8357246		3408323315		103		L G STAATS #2	HARRISON	4.0	COLUMBIA GAS TRAN
8357247		3408323319		103		WAYNE BUSKIRK #1	HARRISON	5.0	COLUMBIA GAS TRAN
-ROYAL LEVERAGED LTD 82-III				RECEIVED:	09/28/83	JA: OH			
8357303		3410522635		103	107-TF	L DAVIS #1	BEDFORD	5.0	COLUMBIA GAS TRAN
-ROYAL LEVERAGED LTD 82-IV				RECEIVED:	09/28/83	JA: OH			
8357294		3410522584		103	107-TF	BUMGARDNER #1	RUTLAND	5.0	COLUMBIA GAS TRAN
-ROYAL LEVERAGED LTD 82-V				RECEIVED:	09/28/83	JA: OH			
8357298		3410522623		103	107-TF	B ARNOLD #2	SCIPIO	5.0	COLUMBIA GAS TRAN
8357302		3410522634		103	107-TF	C MOORE #1	BEDFORD	5.0	COLUMBIA GAS TRAN
8357304		3410522638		103	107-TF	C TOBAN #1	BEDFORD	5.0	COLUMBIA GAS TRAN
-ROYAL LEVERAGED LTD 82-VII				RECEIVED:	09/28/83	JA: OH			
8357301		3410522627		103	107-TF	C C HOWARD #1	RUTLAND	5.0	COLUMBIA GAS TRAN
8357305		3410522639		103	107-TF	HOUDASHELT #1	BEDFORD	5.0	COLUMBIA GAS TRAN
8357297		3410522351		103	107-TF	R DAVIS #2	BEDFORD	5.0	COLUMBIA GAS TRAN
-ROYAL LEVERAGED PVT DRLG & PL LTD82				RECEIVED:	09/28/83	JA: OH			
8357299		3410522625		103	107-TF	C ARNOLD #2	SCIPIO	5.0	COLUMBIA GAS TRAN
8357300		3410522626		103	107-TF	C ARNOLD #3	SCIPIO	5.0	COLUMBIA GAS TRAN
8357296		3410522683		103	107-TF	GILLIAM #1	SCIPIO	5.0	COLUMBIA GAS TRAN
-ROYAL PETROLEUM LTD 82-D				RECEIVED:	09/28/83	JA: OH			
8357295		3410522682		103	107-TF	BLAKE #1	SCIPIO	5.0	COLUMBIA GAS TRAN
-RSC ENERGY CORP				RECEIVED:	09/28/83	JA: OH			
8357306		3411926250		103	107-TF	CONSOLIDATION COAL - CR #30	MADISON	25.5	REPUBLIC STEEL CO
8357307		3411926318		103	107-TF	CONSOLIDATION COAL - CR #34	MADISON	27.0	REPUBLIC STEEL CO
8357308		3411926319		103	107-TF	CONSOLIDATION COAL - CR #35	MADISON	27.0	REPUBLIC STEEL CO
8357309		3411926321		103	107-TF	CONSOLIDATION COAL - CR #37	MADISON	21.9	REPUBLIC STEEL CO
-SANTA FE DRILLING CO INC				RECEIVED:	09/28/83	JA: OH			
8357311		3416724025		103		GLEN AND HELEN FULTON #3	SALEM	50.0	COLUMBIA GAS TRAN
8357312		3416724026		103		GLENN AND HELEN FULTON WELL #2	SALEM	50.0	COLUMBIA GAS TRAN
8357314		3416724031		103		NORBERT GERST #1	SALEM	50.0	COLUMBIA GAS TRAN
8357313		3416724030		103		RUBY MILLER #1	SALEM	50.0	COLUMBIA GAS TRAN
8357310		3412122190		103		WILLIAM AND JANET KIDD #1	ELK	50.0	COLUMBIA GAS TRAN
8357316		3416724471		103		WILLIAM AND JANET KIDD WELL #1	SALEM	50.0	COLUMBIA GAS TRAN
8357315		3416724034		103		WYANE ANDERSON #1	SALEM	50.0	COLUMBIA GAS TRAN
-SCHMELZER MARK & JEAN				RECEIVED:	09/28/83	JA: OH			
8357266		3404520763		103		SCHMELZER #1	RICHLAND	11.0	
8357267		3404520815		103		SCHMELZER #2	RICHLAND	365.0	
-STOCKER & SITLER INC				RECEIVED:	09/28/83	JA: OH			
8357331		3415723309		108		DAYTON SPECHT UNIT #2		12.0	EAST OHIO GAS CO
8357329		3415723133		108		EMERSON SPECHT UNIT #1		6.0	EAST OHIO GAS CO
8357321		3415722596		108		HOGUE UNIT #3		5.0	EAST OHIO GAS CO
8357319		3415722539		108		KAIL UNIT #3		3.0	EAST OHIO GAS CO
8357318		3415722538		108		KAIL UNIT #4		4.0	EAST OHIO GAS CO
8357324		3415722755		108		MASCOTTI LEASE #1		7.5	EAST OHIO GAS CO
8357328		3415723131		108		MAURER UNIT		5.0	EAST OHIO GAS CO
8357326		3415723129		108		MAURER UNIT #1		3.0	EAST OHIO GAS CO
8357327		3415723130		108		MAURER UNIT #2		2.0	EAST OHIO GAS CO
8357330		3415723160		108		MAX WENGER LEASE #1		5.7	EAST OHIO GAS CO
8357322		3415722653		108		MORRIS UNIT #1		8.0	EAST OHIO GAS CO

JD NO	JA DKT	API NO	D	SEC(1)	SEC(2)	WELL NAME	FIELD NAME	PROD	PURCHASER
8357325		3415723128		108		ROY MILLER LEASE #1		5.0	EAST OHIO GAS CO
8357323		3415722693		108		SACKETT UNIT #2		3.0	EAST OHIO GAS CO
8357332		3415723330		108		SHERRARD UNIT #1		7.0	EAST OHIO GAS CO
8357317		3415722523		108		WIDDER UNIT #1		12.0	EAST OHIO GAS CO
8357320		3415722549		108		WIDDER UNIT #2		5.0	EAST OHIO GAS CO
-SWINGLE DRILLING INC				RECEIVED:	09/28/83	JA: OH			
8357333		3412725975		103	107-TF	LANDERMAN UNIT #1	CROOKSVILLE	8.0	NATIONAL OIL & GA
-T B DRILLING CO				RECEIVED:	09/28/83	JA: OH			
8357334		3412725928		107-TF		PEARL R & BEULAH M WISEMAN #1B	BEARFIELD TWP	6.0	NATIONAL GAS & OI
-VICTOR MCKENZIE				RECEIVED:	09/28/83	JA: OH			
8357340		3412725956		103		CLYDE STOVER #1	HOPEWELL	5.0	NATIONAL GAS & OI
-VIKING RESOURCES CORP				RECEIVED:	09/28/83	JA: OH			
8357342		3408520452		103	107-TF	BROADWATER #3	MADISON	30.0	
8357341		3408520408		103	107-TF	BROADWATER #5	MADISON	30.0	
-WELSH HILLS OIL & GAS CO				RECEIVED:	09/28/83	JA: OH			
8357343		3408323351		103		JOHN D PURCELL #1	BUTLER	7.0	COLUMBIA GAS TRAN
-WILLIAM E KIDD PRODUCTION CO				RECEIVED:	09/28/83	JA: OH			
8357344		3408924773		103		SHUMAKER-KARR UNIT #1	MARNA	10.0	NATIONAL GAS & OI
-WORTHINGTON OIL COMPANY INC				RECEIVED:	09/28/83	JA: OH			
8357345		3403124548		103		BOY SCOUTS OF AMERICA #1	HANOVER	25.0	COSHOCTON PIPE CO
**********									
WEST VIRGINIA DEPARTMENT OF MINES									
**********									
-ATLAS ENERGY CORP				RECEIVED:	09/28/83	JA: WV			
8357365		4704700884		107-DV		ROBERT TYSON JR #2	WELCH QUAD (BROWNS CR	0.0	CABOT CORP
-BIG B DRILLING CO INC				RECEIVED:	09/28/83	JA: WV			
8357359		4701303423		107-DV		SIMMONS-BARNHOUSE WELL #1	WASHINGTON	36.0	
-BOWSER GAS & OIL CO				RECEIVED:	09/28/83	JA: WV			
8357372		4701303349		103		SNIDER #1	MARY R SNIDER	0.0	CONSOLIDATED GAS
-BRAXTON OIL AND GAS CORP				RECEIVED:	09/28/83	JA: WV			
8357388		4708300727		103		BENNETT #1	ELLAMORE	60.0	COLUMBIA GAS TRAN
8357375		4709702464		107-DV		DAIL #1	CASSITY	60.0	COLUMBIA GAS TRAN
8357374		4708300709		107-DV		DOVE #1	CASSITY	60.0	COLUMBIA GAS TRAN
8357389		4708300728		103		MALM #1	ELLAMORE 7.5	60.0	COLUMBIA GAS TRAN
-CLINT HURT & ASSOCIATES INC				RECEIVED:	09/28/83	JA: WV			
8357370		4701303362		107-DV		BULLARD #1	CALHOUN	24.0	COLUMBIA GAS TRAN
8357371		4708505418		107-DV		DAGGETT #1	ST MARYS	36.0	COLUMBIA GAS TRAN
8357369		4708505478		107-DV		MCGINNIS #1	RITCHIE	30.0	COLUMBIA GAS TRAN
8357363		4707301449		107-DV		PETER #1	ST MARYS	0.0	COLUMBIA GAS TRAN
8357347		4710500932		107-DV		PRATHER #1	WIRT	30.0	COLUMBIA GAS TRAN
8357346		4707301357		107-DV		ROGERS #1	ST MARYS	20.0	COLUMBIA GAS TRAN
8357367		4708505697		103		STOUT #1	CAIRO	2400.0	CONSOLIDATED GAS
8357364		4707301492		107-DV		WAITE #1	ST MARYS	24.0	COLUMBIA GAS TRAN
-D G HANEY INC				RECEIVED:	09/28/83	JA: WV			
8357381		4704103255		103		VILLERS #28	FREEMAN	30.0	CONSOLIDATED GAS
-DAVIS-HARDMAN ASSOC LTD PTNSP				RECEIVED:	09/28/83	JA: WV			
8357385		4708505757		103		GEORGE HARDMAN #1-A	SMITHVILLE	7.3	CONSOLIDATED GAS
8357386		4708505758		103		HARDMAN DAILEY #1	SMITHVILLE	18.3	CONSOLIDATED GAS
-GIBSON GAS CO				RECEIVED:	09/28/83	JA: WV			
8357350		4708504316		108		EVELYN MCCOY H-758	MURPHY DISTRICT	30.0	CONSOLIDATED GAS
-HAUGHT INC				RECEIVED:	09/28/83	JA: WV			
8357349		4708505898		103		A M DOUGLASS H-1355	GRANT DITRICT	15.0	CONSOLIDATED GAS
8357348		4708505482		103		H F SMITH H-1316	MURPHY DISTRICT	5.0	COLUMBIA GAS TRAN
8357358		4708502832		107-DV		INDIANA PRINCE HEIRS H-1351	MURPHY DISTRICT	29.0	CONSOLIDATED GAS
8357356		4701702880		108		RUTH ANN YOHO H-1143	NEW MILTON DISTRICT	15.0	CONSOLIDATED GAS
-L & M PETROLEUM INC				RECEIVED:	09/28/83	JA: WV			
8357360		4707301215		107-DV		WALTER CARPENTER #1	UNION	10.0	COLUMBIA GAS TRAN
-LINVILLE GAS CO				RECEIVED:	09/28/83	JA: WV			
8357366		4704322557		107-DV		MCMELLON-EGNOR HRS #1	UNION DISTRICT	0.0	COLUMBIA GAS TRAN
-MAXUM DRILLING PROGRAM				RECEIVED:	09/28/83	JA: WV			
8357355		4708504364		108		L M STANLEY H-811	UNION DISTRICT	15.0	CONSOLIDATED GAS
-MILLS DRILLING CO INC				RECEIVED:	09/28/83	JA: WV			
8357361		4709901777		107-DV		CLOSTERMAN HEIRS #M-6	LINCOLN DISTRICT	10.8	COLUMBIA GAS TRAN
-MONITOR PETROLEUM CORP				RECEIVED:	09/28/83	JA: WV			
8357368		4700121545		103		MONITOR #2 WESTVACO	VALLEY	43.2	COLUMBIA GAS TRAN
-NATIONAL OPERATING INC				RECEIVED:	09/28/83	JA: WV			
8357362		4708506045		107-DV		VALENTINE #1	UNION	36.5	COLUMBIA GAS TRAN
-PEAKE OPERATING CO				RECEIVED:	09/28/83	JA: WV			
8357399		4708100592		102-4		CRAB ORCHARD #10-AC	NA (TRAP HILL DISTRIC	5.0	
8357398		4708100610		102-2		CRAB ORCHARD #12-AC	NA (TRAP HILL DISTRIC	5.0	
8357397		4708100599		102-2		CRAB ORCHARD #14-AC	NA (TRAP HILL DISTRIC	5.0	
8357400		4708100600		102-2		CRAB ORCHARD #15-AC	(TRAP HILL DISTRICT)	5.0	
8357387		4708100600		107-DV		CRAB ORCHARD #15-AC	(TRAP HILL DISTRICT)	5.0	
8357396		4708100579		102-4		CRAB ORCHARD #2-AC	(TOWN DISTRICT)	5.0	
8357373		4708100567		103		WELCHLANDS #3-AW	NONE (SLAB FORK DISTR	5.0	CONSOLIDATED GAS
-PETROLEUM RESOURCES INC				RECEIVED:	09/28/83	JA: WV			
8357380		4704103203		103		C O THOMPSON #1	FREEMAN	40.0	CONSOLIDATED GAS
8357377		4704103185		103		J L J BAILEY #1A	FREEMAN	40.0	CONSOLIDATED GAS
8357378		4704103186		103		RICHARD BONNETT #1A	FREEMAN	30.0	CONSOLIDATED GAS
8357379		4704103195		103		Z HEFLIN #1A	FREEMAN	40.0	CONSOLIDATED GAS
-PHILLIPS PETROLEUM COMPANY				RECEIVED:	09/28/83	JA: WV			
8357354		4706100305		108		DALTON B #1	SOUTH BURNS CHAPEL	20.0	CONSOLIDATED GAS
8357357		4706100311		108		HARWORTH A #1	SOUTH BURNS CHAPEL	0.0	CONSOLIDATED GAS
-ROSS-WHARTON GAS CO				RECEIVED:	09/28/83	JA: WV			
8357402		4708300717		102-2		BILL #1	MIDDLE FORK	37.5	COLUMBIA GAS TRAN
8357392		4708300717		103		BILL #1	MIDDLEFORD	37.5	COLUMBIA GAS TRAN
8357376		4708300686		107-DV		KING #1	ELLAMORE	50.0	COLUMBIA GAS TRAN
8357403		4708300731		102-2		LOFTIS #3	MIDDLE FORK	37.5	COLUMBIA GAS TRAN
8357393		4708300731		103		LOFTIS #3	MIDDLE FORK	37.5	COLUMBIA GAS TRAN
-STONEWALL GAS CO				RECEIVED:	09/28/83	JA: WV			
8357395		4703302491		108		CUMBERLEDGE #1-23-5H	UNION	0.0	CONSOLIDATED GAS
8357394		4701702995		108		E MAY SUMMERS #1 79-S	GREENBRIER DISTRICT	200.0	CONSOLIDATED GAS
8357391		4703302801		103		FOX #1 - 138-S	UNION	0.0	CONSOLIDATED GAS
8357390		4701722891		103		REX CUMPSTON #1-27-5H	NEW MILTON	5.0	CONSOLIDATED GAS
-TIGER OIL INC				RECEIVED:	09/28/83	JA: WV			
8357353		4701500839		108		ELK RIVER #1	BUFFALO	3.0	EQUITABLE GAS CO
8357352		4701500855		108		ELK RIVER #2 A/C #2-43-25-181299-1	BUFFALO	3.0	EQUITABLE GAS CO
8357351		4701500856		108		ELK RIVER #3	BUFFALO	3.0	EQUITABLE GAS CO
-TRID PETROLEUM CORP				RECEIVED:	09/28/83	JA: WV			
8357405		4702102950		107-DV		GILMER COUNTY COURT #2	GLENVILLE - NORTH	20.0	COLUMBIA GAS TRAN
8357404		4702103507		107-DV		GILMER COUNTY COURT #3	GLENVILLE - NORTH	20.0	COLUMBIA GAS TRAN
8357401		4702103885		107-DV		HENDERSON "C" #4	GLENVILLE - NORTH	30.0	COLUMBIA GAS TRAN
-WHITNAM OIL & GAS CORP				RECEIVED:	09/28/83	JA: WV			
8357382		4708505174		107-DV		CARL & VIVIAN DOTSON #1	GRANT	25.0	
8357384		4708505481		107-DV		STEPHENS #7	RUTHERFORD	25.0	
8357383		4708505345		107-DV		YOCKEY #1	RUTHERFORD FIELD	25.0	

CORRECTIONS TO PREVIOUS NOTICES / REVISIONS TO PRIOR DETERMINATIONS

JD No.	JA	Applicant	Well Name	Orig. FERC Vol. No.	Date Pub. in Federal Register	C:	Correction to prior Fed. Register notice
79-04051	WV	Braxton Oil & Gas Corp	Feeney No. 1			C:	103 Approved; not denied
80-14640	CO	C.W. Hughes	Fassler #1 34-2N-53W	154	03-14-80	C:	Well Name
80-38561	PA	HK Drilling Inc	Schultz #2	224	07-16-80	C:	103 Approved; not denied
80-54315	TX	Philip B. Berry	Dallas JSLB A #1	278	09-23-80	C:	108 & 108-ER Approved
81-06123	OK	Andover Oil Co	Jensen #34-2	329	12-12-80	C:	102-2 & 103 Approved
81-06936	OK	Andover Oil Co	Lottie Jones #33-2	334	12-17-80	C:	102-2 & 103 Approved
81-06945	OK	Andover Oil Co	Atkinson #11-2	334	12-17-80	C:	102-2 & 103 Approved
81-09395	OK	Andover Oil Co	Jensen #34-4	346	01-27-81	C:	102-2 & 103 Approved
81-09435	KS	Texaco Inc	H M Riffel No. 1	346	01-27-81	C:	108-ER Approved, not 108
81-14412	OK	Andover Oil Co	Lottie Jones #33-3	365	02-20-81	C:	102-2 & 103 Approved
81-18619	OK	Andover Oil Co	Walter Mills #4-3	384	03-20-81	C:	102-2 & 103 Approved
81-18620	OK	Andover Oil Co	Rhodyback #10-1	384	03-20-81	C:	102-2 & 103 Approved
81-22558	NM	Tenneco Oil Co	Aztec Com 2 #1	402	04-22-81	C:	108-ER Approved, not 108
81-41403	OK	Andover Oil Co	Boyd #33-1	482	08-19-81	C:	102-3 & 103 Approved
81-41544US(NM)		Tenneco Oil Co	Hamner #8	483	08-19-81	C:	108 Denied by JA
81-42258	OK	Andover Oil Co	Earl Mills #28-2	486	08-14-81	C:	102-2 & 103 Approved
81-48451	OK	TXO Production Corp	Patton B #1	513	10-01-81	R:	102-4 Approved rec'd 6/20/83
81-48584	OK	Andover Oil Co	Globe Life K #35-3	514	10-01-81	C:	102-2 & 103 Approved
81-51047	KS	Robert F. White	Grub Unit #1	865	04-12-83	C:	108-ER Approved, not 108
81-51081	UT	Tenneco Oil Co	Dietler State #2-7	929	07-12-83	C:	Well Name
82-12860	OK	Gulf Oil	Horrell #1	584	02-01-82	C:	Applicant Name
82-16796	OK	Malka Production Co	Copenhaver Unit #1	598	02-24-82	C:	108-ER Approved, not 108
82-20651	TX	Henderson Clay Products, Inc	Gray Estate #1	615	04-01-82	C:	102-2 & 107-TF Approved
82-31909	OK	Andover Oil Co	Dyck #9-1	660	06-08-82	C:	102-2 & 103 Approved
82-33829	MS	System Fuels Inc	Gas Unit 19-13 #1	666	06-17-82	C:	107-DP Approved, not 107-TF
82-34357	LA	Ergon Inc	Clara Savage No. 2	669	06-18-82	C:	103 and 107-TF Approved
82-34373	LA	Ergon Inc	L.B. King No. 2	669	06-18-82	C:	103 and 107-TF Approved
82-36895	WV	Bogert Coal & Gas	Brown #1	678	07-06-82	C:	108-ER Approved, not 108
83-15093	OK	Hadson Petro Corp	Burnett #1-21	816	01-27-83	C:	Well Name
83-17999	NM	Phillips Petroleum	E Vac GB/SA, Tr 3333#1	827	02-18-83	C:	Well Name
83-22385	OK	Texas Oil & Gas	Browne Q No. 1	929	03-17-83	C:	Well Name
83-25158	OK	Cities Service O & G	Bass C #1	858	03-28-83	C:	108 & 108-ER Approved
83-28005	OK	Ricks Exploration Co	Sauer #23A	868	04-18-83	C:	102-2 & 103 Approved
83-28085	CO	Amer Resources Mgmt	Calf Canyon #23-1A	869	04-18-83	C:	107-TF Approved; not 103
83-28086	CO	Amer Resources Mgmt	Ival Young #CC 14-1	869	04-18-83	C:	107-TF Approved; not 103
83-28115	CO	Natomas North Amer	State # 1-36	869	04-18-83	C:	107-RT Approved; not 107-TF
83-28447	NM	El Ran Inc.	Pennzoil State #1	870	04-18-83	C:	103 & 107-TF Approved
83-29492	TX	Tenneco Oil Company	Brunson 15-1	874	04-22-83	C:	107-DP Approved, not 107-TF
83-29897	NY	Arapahoe Ventures of New York, Inc.	Gordon Pierson #1	876	04-27-83	C:	107-TF Denied by JA
83-29916	OH	Beardmore Oil & Gas	Jay Norris #1	876	04-27-83	C:	107-DV Approved; not 107-TF
83-31346	NY	Sinclairville Petro Co	Fisher Price #1	884	05-05-83	C:	Well Name
83-33174	KS	R.T.C. Petroleum, Inc	Hine #1	892	05-17-83	C:	Applicant Name
83-33365	PA	Ashtola Prod Co	John M Guzy #1	893	05-17-83	C:	108 Approved, not 103
83-34138	LA	Wheless Industries	CRA SUG Williams ET AL #1	896	05-26-83	C:	102-4 & 107-TF Approved
83-34164	LA	Cities Service Co	CVRA SU32, Clements B #1	896	05-26-83	C:	Well Name
83-34276	OK	Permeator Corp	Rutherford #1	896	05-26-83	C:	108 Denied by JA
83-34277	OK	Permeator Corp	Grover #1	896	05-26-83	C:	108 Denied by JA
83-34279	OK	Permeator Corp	Grover #3	896	05-26-83	C:	108 Denied by JA
83-34306	OK	CJ Casselman	Bel Isle #2-B	896	05-26-83	C:	Well Name
83-34429A	OH	Clarence Sherman	Joe F Raber #1	897	05-26-83	C:	103 Denied by JA
83-34429B	OH	Clarence Sherman	Joe F Raber #1	897	05-26-83	C:	107-RT Approved, not denied
83-34483	OH	Leader Equities Inc	Cherry #2	897	05-26-83	C:	103 Approved, 107-TF Denied
83-34692	OK	Seneca Oil Co	Frazer #2-23	898	05-26-83	C:	102-2 & 103 Approved
83-34705	Ok	Springfield Oil & Gas Company	Sutherland #4	898	05-26-83	C:	102-2 & 103 Approved
83-34919	TX	R.L. Burns Corp	Escondido (5X) #1	899	06-01-83	C:	Well Name
83-35410	PA	ZETA S T JV 80	Thompson Trust #1	901	05-27-83	C:	108 Approved, not 103
83-35464	PA	Adobe Oil & Gas	John Baker #1-B	901	05-27-83	C:	Well Name
83-35480	PA	C & C Trover Brothers	Mary Zajac #1	901	05-27-83	C:	Well Name
83-35529	CO	Dome Petroleum	Tiffany #1	901	05-27-83	C:	Well Name
83-35610	CO	Energy Minerals Corp	Clara #1	901	05-27-83	C:	Well Name
83-35649	LA	Sun Exploration & Production Co	P.L. Jacobs #1	902	06-01-83	C:	107-PE Approved, not 107-DP

JD No.	JA	Applicant	Well Name	Orig. FERC Vol. No.	Date Pub. in Federal Register	C: Correction to prior Fed. Register notice
83-35650	LA	Sun Exploration & Production Co	Welori Lumber Co #1 Hoss A Sub	902	06-01-83	C: 107-PE Approved, not 107-DP
83-35671	LA	Melren Oil & Gas Exploration Inc	Cities Service #1 HARRE SU 780	902	06-01-83	C: Well Name
83-35677	LA	Hicks Production Co	Lutcher & Moore Cypress Lbr Co #2	902	06-01-83	C: 107-PE Approved, not 107-DP
83-35685	LA	IMC Exploration Co	Stancil-Savage #F-338	902	06-01-83	C: Well Name
83-35695	LA	Investors Exploration	Prestly #1	902	06-01-83	C: 103 & 108 Approved
83-35707	LA	W J Wegman, Jr	Exxon #4	902	06-01-83	C: 103 & 108 Approved
83-35779	OK	Tenneco Oil Company	Salisbury 1-1	902	06-01-83	C: 102-2 & 103 Approved
83-35888	LA	Wells-Battelstein Oil & Gas Inc	D W Sartor #2	903	06-01-83	C: 103 Approved, not 108
83-35959	WV	Anchorage Oil Co	W C Smith #1	903	06-01-83	C: Well Name
83-35960	WV	Anchorage Oil Co	Olive Kesler #1	903	06-01-83	C: Well Name
83-35961	WV	Anchorage Oil Co	George W Sinnett #1	903	06-01-83	C: Well Name
83-35964	WV	Anchorage Oil Co	Delong Michael #1	903	06-01-83	C: Well Name
83-35966	WV	Anchorage Oil Co	Roy Kirkhart #1	903	06-01-83	C: Well Name
83-35967	WV	Anchorage Oil Co	J L Snodgrass #1	903	06-03-83	C: Well Name
83-36119	TX	Central Producers Inc	Harris-Skaggs Unit #1	905	06-03-83	C: 103 Approved, not 102
83-36157	TX	Superior Oil Company	F I Johnson #18-U	905	06-03-83	C: Well Name
83-36171	TX	North Ridge Corp	J C Harrell #1	905	05-12-83	C: Applicant Name
83-36212	TX	Shell Oil Company	Hammon Ranch #13	905	06-03-83	C: 102-4 & 107-TF Approved
83-36257	TX	Chalmers Operating Company Inc	Pritchard Unit #1	905	06-03-83	C: Well Name
83-36270	TX	Wy-Vel Corp	Arnold #2	905	06-03-83	C: Well Name
83-36494	OH	Action Petroleum Inc	Clegg #1	906	06-07-83	C: Well Name
83-36711	WV	Burdette Oil & Gas Co Inc	Orville Carney #1	907	06-10-83	C: 107-DV Approved, not 107-DP
83-37220US(NM)		Amoco Production Co	Rosa Unit No 87	909	06-14-83	C: Well Name
83-37241US(NM)		Mesa Petroleum Co	Strong Federal Comm #1E	909	06-14-83	C: Well Name
83-37384	OK	Prospective Investment & Trading Co	Colonial #1	910	06-14-83	C: 102-4 & 103 Approved
83-37412	OK	Kaiser Francis Oil Co	Stephens #1-12	910	06-14-83	C: Well Name, Applicant Name
83-37576	(Osage)	Class Petroleum Corp	Tate #11	910	06-14-83	C: 103 Approved, not 108
83-37577	(Osage)	Class Petroleum Corp	Tate #15	910	06-14-83	C: 103 Approved, not 108
83-37578	(Osage)	Class Petroleum Corp	Tate #16	910	06-14-83	C: 103 Approved, not 108
83-37580	OK	Stephen F. Duggan	Zink 1-6	910	06-14-83	C: Well Name
83-37588	NM	McClellan Oil Corp	McClellan Beavers Fee #1	910	06-14-83	C: 102-4 & 107-TF Approved
83-37811	OH	M B Operating Co Inc	D Frank #1	911	06-15-83	C: Well Name
83-37845	KS	South Eastern Gas & Oil	Benning #2	912	06-15-83	C: Applicant Name
83-37922	NY	Doran & Associates Inc	J Jones #1 KV-41	912	06-15-83	C: 102-2 & 107-TF Approved
83-38010	OK	Gulf Oil	Taylor-Heath #1	912	06-15-83	C: 108 & 108-PB Approved
83-38039	TX	TXO Production Corp	McAllister A #1	913	06-20-83	C: 103 Approved; not 107-TF
83-38045	TX	Sanchez-O'Brien Oil & Gas Corp	3-D Ranches Ltd Gas Unit 1 #1	913	06-20-83	C: Well Name
83-38126	TX	Sanchez-O'Brien Oil & Gas Corp	Brysch Gas Unit 2 Well # 3-L	913	06-20-83	C: Well Name
83-38129	TX	Osborne Oil Co	Annie E. Chiltim #114-1	913	06-20-83	C: Well Name
83-38130	TX	Osborne Oil Co	Annie E. Chiltim #116-1	913	06-20-83	C: Well Name
83-38131	TX	Osborne Oil Co	Annie E. Chiltim #142-1	913	06-20-83	C: Well Name
83-38132	TX	Osborne Oil Co	Annie E. Chiltim #131-1	913	06-20-83	C: Well Name
83-38147	TX	Bill Forney Inc	Schreiner Ranch Trust II Well #6	913	06-20-83	C: Well Name
83-38148	TX	Sue-Ann Oil & Gas Co	Hayden #1-C	913	06-20-83	C: Well Name
83-38255	TX	W R Edwards Jr.	William #6	913	06-20-83	C: 103 Approved, not 108
83-38435	LA	Shadrack Production Co	ST & SD Kennedy #1	914	06-20-83	C: Well Name
83-38543	OK	D & G Oil & Gas Co Inc	Franks #1	914	06-20-83	C: Well Name
83-38574	US(LA)	Anadarko Production Co	E Cameron Blk 359 Well #A-9	915	06-21-83	C: Well Name
83-38599	AR	Towner Petroleum Co	Carpenter Paul Weir #30-1	915	06-21-83	C: 102-4 Approved, not 103
83-38825	US(NM)	Northwest Pipeline Corp	San Juan 30-5 Unit 30	916	06-21-83	C: Well Name
83-38831	OK	Midway	Crayling #7	916	06-21-83	C: 103 & 108 Approved
83-38832	OK	Ergon	Clara C Gibson #1	916	06-21-83	C: 103 & 107-TF Approved
83-38875	OK	D & G Oil Co	Franks #2	916	06-21-83	C: Well Name

JD No.	JA	Applicant	Well Name	Orig. FERC Vol. No.	Date Pub. in Federal Register	C: Correction to prior Fed. Register notice
83-38886	OK	Westheimer-Neustadt Corp	Perkins #2-3	916	06-21-83	C: Well Name
83-39031	MS	Exxon	Hub Gas Unit 13#1	917	06-22-83	C: 102-4 Approved; not 103
83-39128	OK	Dyne Exploration Co	Wildlife #2	917	06-22-83	C: Well Name
83-39248	TX	Getty Oil Company	Dix Ranch #1768-A	918	06-24-83	C: Well Name
83-39296	TX	Dyne Exploration Co	McConnell #7 Lease #00287	918	06-20-83	C: 103 Approved; not 108
83-39323	TX	McClaymond Brothers	Ellis-Farmer "D" #1 104126	918	06-20-83	C: Well Name
83-39436	TX	Hill International	Kinney-Lindstrom Found #2L	919	06-24-83	C: 102-4 Approved; not 107-TF
83-39349	TX	Dixon MD	White & Baker "Q" Lease Well #7	918	06-24-83	C: Well Name
83-39359	TX	Tamarack Petroleum Co Inc	Kennedy #1 (RRC #27945)	918	06-24-83	C: Well Name
83-39377	TX	Itex Energy Corp	Duran "A" #1	918	06-24-83	C: Well Name
83-39436	TX	Hill International Production Co	Kenney-Lindstrom FD Inc #2-L	919	06-24-83	C: 102-4 Approved; not 107-TF
83-39693US(CO)		Murchison Brothers	Southern Ute Blk 6 #7-5	920	07-05-83	C: Well Name
83-39730	NY	Gypsum Energy Mgmt Co	Petrillo #1	920	07-05-83	C: 103 & 107-TF Approved
83-39855	OH	Provident Oil & Gas	Welsh #1	920	07-05-83	C: 107-TF Approved; not 107-DV
83-39858	OH	Clinton Oil Co	M W C D #4-565	920	07-05-83	C: 108 Approved; not 108-ER
83-40629	KY	Kentucky West Virginia Gas Company	J W Webb #128	923	07-05-83	C: Well Name
83-40904	OH	Robert H Hutcheson	C & Stella Hostler #1	924	07-05-83	C: Well Name
83-41010	NM	Rex Alcorn	Bobbi #4 (was Bobbi #1)	924	07-05-83	C: Well Name
83-41039	NM	Amoco Production Co	Heath Gas Com F #1	924	07-05-83	C: Well Name
83-41108US(NM)		Aminoil USA Inc	Federal "19" #1	924	07-05-83	C: Well Name
83-41174	TX	TXO Production Corp	Williams "O" #1	925	07-07-83	C: JA Docket F-05-62145
83-41488	MI	Shell Oil Co	State Springdale 2-35A	926	07-07-83	C: Well Name
83-41559	OK	Holden Energy Corp	Lamb 9-1	926	07-07-83	C: Well Name
83-41581	OK	Osborn Heirs Co	Smith-Bernhardt #1	926	07-07-83	C: Well Name
83-41713	CO	Vessels Oil & Gas Co	Grenemeyer #1	927	07-07-83	C: 108-ER Approved; not 108
83-41716	CO	American Petroleum Energy Co I	Argenta UTE #2	927	07-07-83	C: 108-PB Approved; not 108
83-41717	CO	American Petroleum Energy Co	Argenta UTE #6	927	07-07-83	C: 108-PB Approved; not 108
83-41718	CO	American Pet. Energy Co	Argenta Ute #7	927	7-07-83	C: 108-PB Approved, not 108
83-41812	OH	Shongum Oil & Gas Inc.	Boneta #1	927	7-07-83	C: Well Name
83-41813	OH	Shongum Oil & Gas Inc.	Boneta #2	927	7-07-83	C: Well Name
83-41934US(CO)		J C Thompson	Westwater M-1	928	7-08-83	C: 108 Approved, not 108-ER
83-41936US(CO)		J C Thompson	Horse Pont M-4	928	7-08-83	C: 108 Approved, not 108-ER
83-42269US(NM)		Northwest Pipeline Corp	San Juan 32-7 Unit #80	929	7-12-83	C: Well Name
83-42296	OK	TXO Production Corp	Brown Q #1	929	7-12-83	C: Well Name
83-42299	OK	Ok-Tex Oil & Gas Inc.	Williams Ok-Tex #1	929	7-12-83	C: Well Name
83-42300	OK	Ok-Tex Oil & Gas Inc.	Williams Ok-Tex #2	929	7-12-83	C: Well Name
83-42301	OK	Ok-Tex Oil & Gas Inc.	Williams Ok-Tex #3	929	7-12-83	C: Well Name
83-42721	TX	Tom Brown Inc.	Hill-Edwin S. Mayer Jr "BB" #1	931	7-13-83	C: Well Name
83-42735	TX	Tom Brown Inc.	Hill-Edwin S. Mayer Jr "P" #1	931	7-13-83	C: 103 & 107-TF Approved
83-42747	TX	Tom Brown Inc.	Hill-Rip Ward "B" #1	931	7-13-83	C: Well Name
83-42750	TX	Triple L Oil Co Inc.	Shaw #1	931	7-13-83	C: Well Name
83-42758	TX	Tom Brown Inc.	Hill-Edwin S. Mayer Jr "H H" #1	931	7-13-83	C: Well Name
83-42765	TX	Tom Brown Inc.	Hill-Winnie R. Aldwell Trust "D" #1	931	7-13-83	C: Well Name
83-42798	TX	Leonard Resources	Sam Cannon #2	931	7-13-83	C: 107-PE Approved, not 107-TF
83-42982	TX	Texaco Inc.	C W Hobbes "B" NCT-2 #8	932	7-13-83	C: Well Name
83-43422US(LA)		Texaco Inc.	OCS-G2580 Vermilion 380#A-8	933	7-20-83	C: Well Name
83-43437	CO	Arco Oil and Gas Co	Southern Ute 22-2 33-10	933	7-20-83	C: 103 & 107-TF Approved
83-43510	OK	Eastok Petroleum Corp	Eastok Petroleum #5	934	7-26-83	C: Well Name
83-43836	TX	Stallworth O & G Inc	Lokey #3	936	7-26-83	C: 107-PE Approved, not 107-TF
83-43909	TX	Loutex Energy Inc.	Maure #1	936	7-26-83	C: Well Name
83-43947	TX	Petrus Operating Co	Carpenter-Mcterney #1	936	7-26-83	C: Well Name
83-44257	OK	Phillips Petro. Co	Wiewel "B" #1	938	7-27-83	C: 108-ER Approved, not 108
83-44258	OK	Phillips Petro. Co	Bomhoff "D" #1	938	7-27-83	C: 108-ER Approved, not 108
83-44287	OK	James C. Meade	Hooks #2	938	7-27-83	C: Well Name
83-44288	OK	James C. Meade	Belt #2	938	7-27-83	C: Well Name
83-44289	OK	James C. Meade	Williams #1	938	7-27-83	C: Well Name
83-44293	OK	James C. Meade	White "G" #1	938	7-27-83	C: Well Name
83-44360US(NM)		Amoco Production Co	EE Elliot B #10	939	7-27-83	C: 108 Approved, not 103
83-44455	NM	Yates Petroleum	Chaves "UY" ST #1	939	7-27-83	C: 102-2 & 107-TF Approved
83-44457	NM	Yates Petroleum	Blythe "SV" #1	939	7-27-83	C: 102-2 & 107-TF Approved

JD No.	JA	Applicant	Well Name	Orig. FERC Vol. No.	Date Pub. in Federal Register	C:	Correction to prior Fed. Register notice
83-44491	NY	Doran & Associates Inc	Whitney Unit #1 KA-173	940	8-05-83	C:	102-2 & 107-TF Approved
83-44668	KS	Egan-Wilson Petro. Inc	Varn Foster #4	941	8-05-83	C:	108- Approved, not 108-ER
83-44852	TX	El Paso Natual Gas Co	DeBerry A #2	942	8-05-83	C:	108-ER Approved, not 108
83-44857	TX	Mitchell Energy Corp	N. D. Calwell #1	942	8-05-83	C:	Well Name
83-44864	TX	Champlin Petroleum Co	G. P. Wardner #159-U	942	8-05-83	C:	Well Name
83-44910	TX	Anderson Petroleum Co	Joe Friend Estate 4-28	942	8-05-83	C:	103 & 107-TF Approved
83-44952	TX	Anderson Producing Inc	Harding Harmel #1	942	8-05-83	C:	Applicant name
83-45106	TX	Discovery Operating Inc	Lin "CX" #1	942	8-05-83	C:	102-4, 103 & 107-TF Approved
83-45882	OK	Hamm Production Co	Oakley MG-7	945	8-08-83	C:	Well Name
83-45931	OK	Robert P. Lammerts	Cobb #1	945	8-08-83	C:	Well Name
83-46123US(NM)		Mobil Prdg Tx & NM Inc.	Jicarilla Otero Fed #1	946	8-08-83	C:	Well Name
83-46196	NM	Mobil Prdg Tx & NM Inc.	Brunson Argo #1-T	946	8-08-83	C:	108 Approved, not 108-SA
83-46364	OK	DLB Energy Corp	Ellen #17-8	947	8-15-83	C:	102-4 & 103 Approved
83-46576	NM	Consolidated Oil & Gas Inc.	Chavez #1	948	8-15-83	C:	108-PB Denied by JA
83-46586	MI	North Michigan Land &	State Chester 3-25	948	8-15-83	C:	107-DV Approved, not 107-TF
83-46587	"	Oil Corporation	State Chester 4-35	948	8-15-83	C:	107-DV Approved, not 107-TF
83-46588	"	" " " "	State Chester 5-25	948	8-15-83	C:	107-DV Approved, not 107-TF
83-46589	"	" " " "	State Chester 6-25	948	8-15-83	C:	107-DV Approved, not 107-TF
83-46788US(LA)		Tenneco Oil Company	Vermilion 75 #A-4	948	8-15-83	C:	Well Name Change
83-46834	TX	Four C Oil & Gas Corp	Kitsie #1	949	8-15-83	C:	Well Name
83-46873	TX	Getty	Dix Ranch #1746-A	949	8-15-83	C:	102-4 & 107-TF Approved
83-46918	TX	Maguire Oil Company	Huebner Gas Unit #1	949	8-15-83	C:	107-PE Approved, not 107-TF
83-47000	TX	RKG Engineering Inc.	Emma Gay Woodward #1 043506	949	8-15-83	C:	107-PE Approved, not 107-TF
83-47060	TX	Sanchez-Obrien O&G Corp	LT Oliveira #1-A	950	8-22-83	C:	Well Name
83-47303	TX	Vaughn Petroleum Inc	Simmons EST #1	950	8-22-83	C:	Well Name
83-47342	MS	Union Oil Co of Calif	Billy R. Brown 20-11 #2	951	8-22-83	C:	102-2 & 103 Approved
83-47349US(CO)		Arco Oil and Gas Co	Southern Ute 13-5 32-8	951	8-22-83	C:	103 & 107-TF Approved
83-47389	LA	Wheless Industries Inc	Tinsley #1 Wheless-Pelto SMk CRB SUI	951	8-22-83	C:	102-4 & 107-RT Approved
83-48420	PA	Alcove Investments	Ruth L Kimmel #2	954	8-24-83	C:	107-PE Approved, not 107-TF
83-48703	TX	Sun Exploration	NAN D Grimmes #5	955	8-22-83	C:	103 & 107-TF Approved
83-48874	Osage	DCX Resources Ltd	North Bear Creek #1-D	956	8-29-83	C:	Well Name
83-48882	Osage	Centennial Petro Inc	South N W Whitetail #1	956	8-29-83	C:	Well Name

[FR Doc. 83-29407 Filed 10-28-83; 8:45 am]
BILLING CODE 6717-01-C

[Vol. 987]

Determinations, by Jurisdictional Agencies Under the Natural Gas Policy Act of 1978

Issued: October 25, 1983.

The following notices of determination were received from the indicated jurisdictional agencies by the Federal Energy Regulatory Commission pursuant to the Natural Gas Policy Act of 1978 and 18 CFR 274.104. Negative determinations are indicated by a "D" before the section code. Estimated annual production (PROD) is in million cubic feet (MMCH).

The applications for determination are available for inspection except to the extent such material is confidential under 18 CFR 275.206, at the Commission's Division of Public Information, Room 1000, 825 North Capitol St., Washington, D.C. Persons objecting to any of these determinations may, in accordance with 18 CFR 275.203 and 275.204, file a protest with the Commission within fifteen days after publication of notice in the **Federal Register.**

Source data from the Form 121 for this and all previous notices is available on magnetic tape from the National Technical Information Service (NTIS). For information, contact Stuart Weisman (NTIS) at (703) 487–4808, 5285 Port Royal Rd., Springfield, Va. 22161.

Categories within each NGPA section are indicated by the following codes:

Section 102–1: New OCS lease
- 102–2: New well (2.5 Mile rule)
- 102–3: New well (1000 Ft rule)
- 102–4: New onshore reservoir
- 102–5: New reservior on old OCS lease

Section 107–DP: 15,000 feet or deeper
- 107–GB: Geopressured brine
- 107–CS: Coal Seams
- 107–DV: Devonian Shale
- 107–PE: Production enhancement
- 107–TF: New tight formation
- 107–RT: Recompletion tight formation

Section 108: Stripper well
- 108–SA: Seasonally affected
- 108–ER: Enhanced recovery
- 108–PB: Pressure buildup

Kenneth F. Plumb

Secretary.

NOTICE OF DETERMINATIONS — VOLUME 987

ISSUED OCTOBER 25, 1983

JD NO	JA DKT	API NO	D	SEC(1)	SEC(2)	WELL NAME	FIELD NAME	PROD	PURCHASER
WEST VIRGINIA DEPARTMENT OF MINES									
-ALLEGHENY LAND & MINERAL COMPANY				RECEIVED:	09/30/83	JA: WV			
8357582		4704103210		103		A-1244	HACKERS CREEK DISTRIC	0.0	CONSOLIDATED GAS
8357581		4704103265		103		A-1270	FREEMANS CREEK DISTRI	0.0	CONSOLIDATED GAS
8357583		4700701820		103		A-1273	SALT LICK DISTRICT	0.0	CONSOLIDATED GAS
-ASHLAND EXPLORATION INC				RECEIVED:	09/30/83	JA: WV			
8357433		4704700550		108-SA		LON B ROGERS #18 - 050520	VIRGINIA	14.0	CONSOLIDATED GAS
-BEREA OIL AND GAS CORPORATION				RECEIVED:	09/30/83	JA: WV			
8357554		4700121845		103		E BENNETT #1	GLADE	26.0	CONSOLIDATED GAS
8357550		4700121845		107-DV		E BENNETT #1	GLADE	26.0	CONSOLIDATED GAS
8357542		4700121845		102-4		E BENNETT #1	GLADE	26.0	BROOKLYN UNION GA
8357555		4700121858		103		L ENGLAND #2	VALLEY DISTRICT	45.1	CONSOLIDATED GAS
8357551		4700121858		107-DV		L ENGLAND #2	VALLEY DISTRICT	45.1	CONSOLIDATED GAS
8357543		4700121858		102-4		L ENGLAND #2	VALLEY DISTRICT	45.1	CONSOLIDATED GAS
8357552		4700121830		103		L ENGLAND #3	VALLEY	63.6	CONSOLIDATED GAS
8357540		4700121830		102-4		L ENGLAND #3	VALLEY	63.6	
8357439		4700121830		107-DV		L ENGLAND #3	VALLEY	63.6	CONSOLIDATED GAS
8357553		4700121833		103		R CARPENTER #2	BARKER	23.4	CONSOLIDATED GAS
8357541		4700121833		102-4		R CARPENTER #2	BARKER	23.4	CONSOLIDATED GAS
-BRAXTON OIL AND GAS CORP				RECEIVED:	09/30/83	JA: WV			
8357622		4700701515		108		CARTER #1	BURNSVILLE	10.0	CONSOLIDATED GAS
8357613		4700701514		108		JOHN POSEY #2	BURNSVILLE 7 1/2	10.0	CONSOLIDATED GAS
8357619		4708500596		103		MADDEN #3	JIM TOWN	60.0	COLUMBIA GAS TRAN
-CABOT OIL & GAS CORP				RECEIVED:	09/30/83	JA: WV			
8357606		4707901092		103		R H RHODES #1	UNION DISTRICT	15.0	TENNESSEE GAS PIP
8357611		4707901092		107-DV		R H RHODES #1	UNION DISTRICT	15.0	TENNESSEE GAS PIP
-CAMERON OIL & GAS COMPANY				RECEIVED:	09/30/83	JA: WV			
8357510		4700501296		107-DV		ALDERSON #9	JULIAN-MADISON	30.0	COLUMBIA GAS TRAN
-CHARLES R TATUM				RECEIVED:	09/30/83	JA: WV			
8357525		4710301270		107-DV		WHEELING DOLLAR SAVINGS & TRUST #1	UNNAMED	0.0	COLUMBIA GAS TRAN
-CHESTERFIELD ENERGY CORP				RECEIVED:	09/30/83	JA: WV			
8357494		4709702501		103		CASTO WELL #1 47-097-2501	WARREN	0.0	COLUMBIA GAS TRAN
8357492		4709702503		103		FRANKLIN WELL #1 47-097-2503	BUCKHANNON	0.0	COLUMBIA GAS OF W
8357490		4709702455		103		HOYLE WELL #1 47-097-2455	WASHINGTON	0.0	COLUMBIA GAS TRAN
8357519		4700101861		103		HULL #1 47-001-1861	MILL CREEK	0.0	COLUMBIA GAS TRAN
8357517		4700101869		103		HULL WELL #A-1 47-001-1869	BARKER	0.0	COLUMBIA GAS TRAN
8357491		4709702454		103		ROCKEY WELL #1 47-097-2454	BUCKHANNON	0.0	COLUMBIA GAS TRAN
8357493		4709702502		103		TOMBLYN WELL #1 47-097-2502	BUCKHANNON	0.0	COLUMBIA GAS TRAN
8357481		4709702498		103		YOUNG WELL #1 47-097-2498	UNION	0.0	COLUMBIA GAS TRAN
8357518		4700101868		103		ZIRKLE #A-1 47-001-1868	BARKER	0.0	COLUMBIA GAS TRAN
-CITIES SERVICE COMPANY				RECEIVED:	09/30/83	JA: WV			
8357612		4704700342		108		COMBS "B" #1	BRADSHAW	16.0	COLUMBIA GAS TRAN
8357621		4703500113		108		DERRICK "A" #1	COLBON	19.7	CONSOLIDATED GAS
8357620		4703501215		108		MITCHELL CONS "A" #1	CHARLESTON	11.3	COLUMBIA GAS TRAN
8357614		4704700814		108		RUTH POLAN "A" #2	BRADSHAW	12.0	CONSOLIDATED GAS
-CONSOLIDATED GAS SUPPLY CORPORATION				RECEIVED:	09/30/83	JA: WV			
8357665		4701701928		108		A NEELEY EST 1843	GRANT	20.0	GENERAL SYSTEM PU

BILLING CODE 6717-01-M

JD NO	JA DKT	API NO	D	SEC(1)	SEC(2)	WELL NAME	FIELD NAME	PROD	PURCHASER
8357430		4704102487		108		ARTA R LOUDIN-AGENT 12536	FREEMANS CREEK	13.0	GENERAL SYSTEM PU
8357668		4706700217		108		BESSIE MAYS 10212	HAMILTON	11.0	GENERAL SYSTEM PU
8357411		4703301076		108		BUENA W BROWN 12587	COAL	15.0	GENERAL SYSTEM PU
8357653		4703300814		108		C M LANG 11786	COAL	24.0	GENERAL SYSTEM PU
8357670		4704101694		108		CLARK WHITE 11134	FREEMANS CREEK	16.0	GENERAL SYSTEM PU
8357659		4704702670		108		CROZER LAND ASSOC 10525	BROWNS CREEK	39.0	GENERAL SYSTEM PU
8357654		4703300925		108		D L HALL 12059	UNION	22.0	GENERAL SYSTEM PU
8357409		4706100570		108		ELEANOR T DONLEY 12578	CLINTON	31.0	GENERAL SYSTEM PU
8357428		4700101800		102-4		ELMER E CAMPBELL #1 12785	PHILIPPI	10.0	GENERAL SYSTEM PU
8357671		4700501049		108		FEDERAL COAL CO 11742	SHERMAN	18.0	GENERAL SYSTEM PU
8357414		4704101356		108		H DWIGHT SMITH 10669	HACKERS CREEK	16.0	GENERAL SYSTEM PU
8357662		4704101898		108		HITT HEIRS 11528	FREEMANS CREEK	17.0	GENERAL SYSTEM PU
8357674		4704101672		108		ISRAEL SIMMONS 11154	FREEMANS CREEK	20.0	GENERAL SYSTEM PU
8357668		4703300101		108		J A GAWTHROP 7925	CLARK	1.0	GENERAL SYSTEM PU
8357667		4702102944		108		J E ARBUCKLE 12433	CENTER	22.0	GENERAL SYSTEM PU
8357412		4703301062		108		JOHN T WILLIAMS 12297	COAL	16.0	GENERAL SYSTEM PU
8357663		4704500942		108		KELLY - HATFIELD LAND CO 11962	TRIADELPHIA	18.0	GENERAL SYSTEM PU
8357648		4704501084		103		KELLY HATFIELD LAND CO 12779	LOGAN	75.0	
8357416		4700101775		102-4		LLOYD UPTON #1 12780	GLADE	11.0	GENERAL SYSTEM PU
8357649		4701303325		108		LOUIS BENNETT HEIRS 12699	WASHINGTON	16.0	GENERAL SYSTEM PU
8357650		4701303326		108		LOUIS BENNETT HEIRS 12700	WASHINGTON	21.0	GENERAL SYSTEM PU
8357673		4710900044		108		LOUP CREEK COLLIERY CO 8869	OCEANA	15.0	GENERAL SYSTEM PU
8357410		4706700261		108		MARTHA L WHITE 10864	HAMILTON	20.0	GENERAL SYSTEM PU
8357413		4704101459		108		N C ALLMAN 10778	HACKERS CREEK	15.0	GENERAL SYSTEM PU
8357651		4708505247		108		O C BECKNER 12724	GRANT	34.0	GENERAL SYSTEM PU
8357664		4704700182		108		OLGA COAL COMPANY 10165	BIG CREEK	21.0	GENERAL SYSTEM PU
8357661		4704700271		108		OLGA COAL COMPANY 10555	SANDY RIVER	21.0	GENERAL SYSTEM PU
8357658		4704900332		108		R A STEWART 139	MANNINGTON	1.0	GENERAL SYSTEM PU
8357669		4703300587		108		R B BARTLETT 11412	ELK	19.0	GENERAL SYSTEM PU
8357556		4705300300		103		R M MCKINNEY 12774	COLOGNE	4.0	GENERAL SYSTEM PU
8357549		4705300300		107-DV		R M MCKINNEY 12774	COLOGNE	4.0	
8357672		4709701657		108		RUDOLPH L PRINCE 12184	WARREN	16.0	GENERAL SYSTEM PU
8357655		4703300996		108		SARAH E ADAMS 12061	UNION	20.0	GENERAL SYSTEM PU
8357657		4704101814		108		T F BARB 11551	FREEMANS CREEK	21.0	GENERAL SYSTEM PU
8357652		4709702331		108		W H O'DELL 12737	WASHINGTON	20.0	GENERAL SYSTEM PU
8357415		4704101085		108		WALDO GOULD 10426	HACKERS CREEK	14.0	GENERAL SYSTEM PU
8357647		4704102712		108		WHITE - EGAN 8448	FREEMANS CREEK	19.0	GENERAL SYSTEM PU
8357666		4701900250		108		WILLIAM R JOHNSON 11801	FALLS	12.0	GENERAL SYSTEM PU
8357656		4704101741		108		WILLIAM WIMANS 11221	FREEMANS CREEK	21.0	GENERAL SYSTEM PU
-DEVON CORP				RECEIVED:		09/30/83 JA: WV			
8357577		4709901797		107-DV		C S DANIELS #1	GRAGSTON CREEK	6.0	TENNESSEE GAS PIP
8357578		4709901796		107-DV		ELLA EKERS #1	GRAGSTON CREEK	18.0	TENNESSEE GAS PIP
8357576		4703501661		107-DV		HARRISON #1022	EAST MIDWAY	11.0	DEVON PIPELINE CO
8357574		4703501764		107-DV		HOPKINS #2 #1030	EAST MIDWAY	20.0	DEVON PIPELINE CO
8357573		4703501765		107-DV		HOPKINS #3 #1031	EAST MIDWAY	25.0	DEVON PIPELINE CO
8357572		4703501766		107-DV		HOPKINS #4 #1032	EAST MIDWAY	14.0	DEVON PIPELINE CO
8357575		4703501662		107-DV		STALNAKER #1023	EAST MIDWAY	19.0	DEVON PIPELINE CO
8357579		4709901795		107-DV		WALLACE #1027	GRAGSTON CREEK	17.0	TENNESSEE GAS PIP
-EASTERN AMERICAN ENERGY CORPORATION				RECEIVED:		09/30/83 JA: WV			
8357589		4702103898		107-DV		L RINEHART #3	GLENVILLE	15.0	COLUMBIA GAS TRAN
-ENERGEX OIL & GAS CORP				RECEIVED:		09/30/83 JA: WV			
8357521		4707301530		103		FOX #1	RAVEN ROCK QUANDRANGL	75.0	
8357531		4707301538		107-DV		FOX #1	RAVEN ROCK QUANDRANGL	75.0	
8357533		4707301524		107-DV		LOWTHER #1	SCHULTZ QUADRANGLE	75.0	
8357523		4707301524		103		LOWTHER #1	SCHULTZ QUADRANGLE	75.0	
8357522		4707301500		103		MCCULLOUGH 1	SCHULTZ	75.0	CONSOLIDATED GAS
8357532		4707301514		107-DV		ROGERS #1	SCHULTZ QUADRANGLE	75.0	
8357520		4707301532		103		RUNNION 1	SCHULTZ	75.0	CONSOLIDATED GAS
-GENE STALNAKER INC				RECEIVED:		09/30/83 JA: WV			
8357586		4702103958		103		FLING B-70-2	DEKALB DISTRICT	8.0	CONSOLIDATED GAS
8357585		4707301353		103		MARPLE #1	JEFFERSON DISTRICT	0.0	CONSOLIDATED GAS
-H D WELLS OIL & GAS EXPL & DEVEL IN				RECEIVED:		09/30/83 JA: WV			
8357607		4703501781		103		L G BURDETTE #2	POND CREEK	8.0	GAS TRANSPORT INC
-HAUGHT-PRUNTY GAS CO				RECEIVED:		09/30/83 JA: WV			
8357432		4700720330		108-SA		HAUGHT-PRUNTY #1	SALT LICK DISTRICT	20.5	EQUITABLE GAS CO
-I S INC ILLINOIS CORP				RECEIVED:		09/30/83 JA: WV			
8357406		4708505988		103		JOHN GOFF #1	UNION DISTRICT	0.0	CARNEGIE NATURAL
8357408		4708505988		107-DV		JOHN GOFF #1	UNION DISTRICT	0.0	CARNEGIE NATURAL
8357407		4708505974		107-DV		KIRKPATRICK #2	UNION DISTRICT	0.0	CONSOLIDATED GAS
-INTERSTATE DRILLING INC				RECEIVED:		09/30/83 JA: WV			
8357624		4704103200		103		CATHER #2	COLLINS	20.0	CONSOLIDATED GAS
8357623		4704103219		103		GOULD #68	COLLINS	15.0	CONSOLIDATED GAS
-INVERNESS PETROLEUM INC				RECEIVED:		09/30/83 JA: WV			
8357516		4710301202		103		FITZSIMMONS #1	PROCTOR	25.0	COLUMBIA GAS TRAN
-J & J ENTERPRISES INC				RECEIVED:		09/30/83 JA: WV			
8357609		4700101506		103		B-319	VALLEY	0.0	PETRO-LEWIS CORP
8357610		4703302811		103		B-506	TENMILE	0.0	CONSOLIDATED GAS
8357608		4703302825		103		B-509	EAGLE	0.0	CONSOLIDATED GAS
-JACKSON DEVELOPMENT CO INC				RECEIVED:		09/30/83 JA: WV			
8357503		4704300374		103		ELIZABETH ADKINS #1	JEFFERSON DISTRICT	12.0	PENNZOIL CO
-JAMES F SCOTT				RECEIVED:		09/30/83 JA: WV			
8357431		4704102526		108-PB		HORNBECK S-258	HACKERS CREEK	8.0	CONSOLIDATED GAS
-KAISER EXPLORATION & MINING CO				RECEIVED:		09/30/83 JA: WV			
8357591		4703501774		107-DV		BETTY K MCLAUGHLIN KEM #63	ELK/POCA	0.0	KAISER ALUMINUM &
8357590		4703501753		107-DV		DAWN M MYERS KEM #252	ELK/POCA	25.5	KAISER ALUMINUM &
-LINCOLN PRODUCTION CO				RECEIVED:		09/30/83 JA: WV			
8357595		4703302840		103		G ROBINSON #1	CLAY	0.0	
8357596		4703302853		103		G ROBINSON #3	CLAY	0.0	
-MERRILL NATURAL RESOURCES INC				RECEIVED:		09/30/83 JA: WV			
8357484		4710100075		102-2		COASTAL LUMBER CO #1	HACKER VALLEY DISTRIC	12.0	COLUMBIA GAS TRAN
8357483		4701900467		102-2		FOULKE TRUST #1	NUTTALL DISTRICT	18.0	EQUITABLE GAS CO
8357482		4704103132		102-2		LOUIS BENNETT #1	COURTHOUSE DISTRICT	30.0	CONSOLIDATED GAS
-MONITOR PETROLEUM CORP				RECEIVED:		09/30/83 JA: WV			
8357675		4700121526		103		MONITOR #1 PITSENBERGER	BARKER	45.0	COLUMBIA GAS TRAN
-MOSSOR OIL & GAS COMPANY				RECEIVED:		09/30/83 JA: WV			
8357505		4708505173		108		MOSSOR #2	MURPHY	0.0	CONSOLIDATED GAS
-NORMAN SLAUGHTER				RECEIVED:		09/30/83 JA: WV			
8357486		4703501629		107-DV		J L WAYBRIGHT HEIRS	COPPER FORK	20.0	COLUMBIA GAS TRAN
8357485		4703501582		107-DV		PHILLIP WELLS #2	COPPER FORK	25.0	COLUMBIA GAS TRAN
8357487		4703501570		107-DV		WILLIS W ENDICOTT #1-A	COPPER FORK	25.0	COLUMBIA GAS TRAN
-OHIO & WESTERN RESOURCES INC				RECEIVED:		09/30/83 JA: WV			
8357580		4707301472		107-DV		FRYE #1 (1472)	LAFAYETTE	15.0	COLUMBIA GAS TRAN
8357584		4708505717		103		JACKSON #1 5717	LAFAYETTE	15.0	CONSOLIDATED GAS
-OILEX INC				RECEIVED:		09/30/83 JA: WV			

JD NO	JA DKT	API NO	D	SEC(1)	SEC(2)	WELL NAME	FIELD NAME	PROD	PURCHASER
8357515		4708506009		103		WALLER #1	GRANT DISTRICT	0.0	CONSOLIDATED GAS
-PANTHER FUEL CO				RECEIVED:	09/30/83	JA: WV			
8357495		4708505755		103		HISSEM-BALL #1	GRANT DISTRICT	45.0	CONSOLIDATED GAS
-PEAKE OPERATING CO				RECEIVED:	09/30/83	JA: WV			
8357569		4708100618		102-4		CRAB ORCHARD #12-AC	(TRAP HILL DISTRICT)	5.0	
8357570		4708100599		102-4		CRAB ORCHARD #14-AC	(TRAP HILL DISTRICT)	5.0	
8357568		4708100600		102-4		CRAB ORCHARD #15-AC	(TRAP HILL DISTRICT)	5.0	
8357571		4708100596		102-4		CRAB ORCHARD #9-AC	(TRAP HILL DISTRICT)	5.0	
8357631		4700501359		103		EUNICE #1-A	(CROOK DISTRICT)	5.0	
8357639		4710900903		103		GEORGIA PACIFIC #2-AGP	(OCEANA DISTRICT)	5.0	
8357634		4708100601		103		JONES & GIBSON #5-AJ	(TRAP HILL DISTRICT)	5.0	
8357633		4708100618		103		JONES & GIBSON #6-AJ	(TRAP HILL DISTRICT)	5.0	
8357632		4708100621		103		JONES & GIBSON #8-AJ	(TRAP HILL DISTRICT)	5.0	
8357630		4708100614		103		NEW RIVER #14-AR	(TOWN DISTRICT)	5.0	
8357638		4710900895		103		SMITH #1-A	(OCEANA DISTRICT)	0.5	
8357637		4710900895		103		SMITH #1-A	(OCEANA DISTRICT)	0.5	
-PETROLEUM DEVELOPMENT CORP				RECEIVED:	09/30/83	JA: WV			
8357420		4708505143		102-3		ALBERT KEHRER #2	WHITE OAK CREEK	81.0	CONSOLIDATED GAS
8357488		4701702994		107-DV		B POOLE #1	GREENBRIER	46.0	COLUMBIA GAS TRAN
8357489		4707300910		107-DV		CHAUNCEY MORRIS #1	LAFAYETTE	3.0	COLUMBIA GAS TRAN
8357642		4708505661		103		ELLIOTT #2	WILSON	548.0	CONSOLIDATED GAS
8357425		4708505661		102-3		ELLIOTT #2	WILSON	548.0	CONSOLIDATED GAS
8357560		4708505661		107-DV		ELLIOTT #2	WILSON	548.0	CONSOLIDATED GAS
8357422		4708505537		102-3		ELLIOTT HEIRS #1	CISKO	0.0	CONSOLIDATED GAS
8357563		4708505238		107-DV		GLEN KERNS #1	CISKO	113.0	CONSOLIDATED GAS
8357426		4785057340		102-3		GRIFFIN PRODUCING 1815-2 #A-1	GRIFFIN	146.0	CONSOLIDATED GAS
8357643		4785057340		103		GRIFFIN PRODUCING 1815-2 A-1	GRIFFIN	14.6	CONSOLIDATED GAS
8357558		4708505734		107-DV		GRIFFIN PRODUCING 1815-2 A-1	GRIFFIN	146.0	CONSOLIDATED GAS
8357567		4785058100		107-DV		GRIFFIN PRODUCING 222930 #B-1	GRIFFIN	50.0	CONSOLIDATED GAS
8357419		4785058100		102-3		GRIFFIN PRODUCING 222930 #B-1	GRIFFIN	50.0	CONSOLIDATED GAS
8357646		4708505879		103		GRIFFIN PRODUCING 233133-3 # D-1	GRIFFIN	0.0	CONSOLIDATED GAS
8357566		4785058790		107-DV		GRIFFIN PRODUCING 233133-3 #D-1	GRIFFIN	0.0	CONSOLIDATED GAS
8357429		4785058790		102-3		GRIFFIN PRODUCING 233133-3 #D-1	GRIFFIN	0.0	CONSOLIDATED GAS
8357427		4785057540		102-3		GRIFFIN PRODUCING 2916-1 #C-1	GRIFFIN	0.0	CONSOLIDATED GAS
8357640		4708505754		107-DV		GRIFFIN PRODUCING 2916-1 #C-1	GRIFFIN	0.0	CONSOLIDATED GAS
8357644		4785057540		103		GRIFFIN PRODUCING 2916-1 #C-1	GRIFFIN	0.0	CONSOLIDATED GAS
8357594		4785057720		107-DV		GRIFFIN PRODUCING 3174-2 #E-1	GRIFFIN	0.0	CONSOLIDATED GAS
8357645		4785057720		103		GRIFFIN PRODUCING 3174-2 #E-1	GRIFFIN	0.0	CONSOLIDATED GAS
8357418		4785057720		102-3		GRIFFIN PRODUCING 3174-2 #E-1	GRIFFIN	0.0	CONSOLIDATED GAS
8357593		4785057710		107-DV		GRIFFIN PRODUCING 34-3525-5 #F-1	GRIFFIN	0.0	CONSOLIDATED GAS
8357417		4785057710		102-3		GRIFFIN PRODUCING 34-3525-5 F-1	GRIFFIN	0.0	CONSOLIDATED GAS
8357421		4708505498		102-3		H R WILLIAMS #1	CISKO	0.0	CONSOLIDATED GAS
8357565		4708505144		107-DV		J B TAFT #1	WHITE OAK CREEK	0.0	CONSOLIDATED GAS
8357561		4708505269		107-DV		MATILDA WEST #1	WILSON	1679.0	CONSOLIDATED GAS
8357562		4708505255		107-DV		MAZE #1	CISKO POOL	98.0	CONSOLIDATED GAS
8357588		4710500985		107-DV		MCCAULEY #1	STANDING STONE POOL	657.0	CONSOLIDATED GAS
8357564		4708505237		107-DV		RALPH KUHN #1	CISKO	92.0	CONSOLIDATED GAS
8357592		4708505555		107-DV		VARNER #1	GRIFFIN	0.0	CONSOLIDATED GAS
8357423		4708505555		102-3		VARNER #1	GRIFFIN	0.0	CONSOLIDATED GAS
8357641		4708505647		103		WILLIAMS #2	WILSON	365.0	CONSOLIDATED GAS
8357424		4708505647		102-3		WILLIAMS #2	WILSON	365.0	CONSOLIDATED GAS
8357587		4708505647		107-DV		WILLIAMS #2	WILSON	365.0	CONSOLIDATED GAS
-RARE EARTH ENERGY INC				RECEIVED:	09/30/83	JA: WV			
8357514		4708505970		103		VARNER WELL #2	UNION DISTRICT	0.0	CONSOLIDATED GAS
-RIMROCK PRODUCTION CORP				RECEIVED:	09/30/83	JA: WV			
8357616		4710701232		107-DV		A B WOLFE #1	TUNNELL RUN	38.3	CONSOLIDATED GAS
8357601		4708505844		103		A PIFER #1	DOG COMFORT RUN	24.5	INDUSTRIAL ENERGY
8357598		4707301481		103		B F ABICHT #1	MIDDLE ISLAND	25.0	COLUMBIA GAS TRAN
8357603		4708505797		103		CASSIDY #1	DOG COMFORT RUN	38.3	INDUSTRIAL ENERGY
8357615		4708505956		107-DV		DEVEREUX #1	WOLFPEN RUN	19.8	INDUSTRIAL ENERGY
8357599		4708505956		103		DEVEREUX #1	WOLFPEN RUN	19.8	INDUSTRIAL ENERGY
8357602		4708505845		103		F PIFER #1	DOG COMFORT	22.0	INDUSTRIAL ENERGY
8357605		4708505720		103		GARDNER #1	COMFORT RUN	86.0	INDUSTRIAL ENERGY
8357597		4708505709		103		HEDRICK #1	BEAR RUN	40.0	INDUSTRIAL ENERGY
8357604		4708505752		103		MOYERS #1	MEADOW RUN	38.7	INDUSTRIAL ENERGY
8357600		4708505902		103		STEPHEN BIRD #1	DOG COMFORT RUN	25.6	INDUSTRIAL ENERGY
-ROSS-WHARTON GAS CO				RECEIVED:	09/30/83	JA: WV			
8357636		4708300718		102-2		SHREVE-ED #1	UNION	0.0	COLUMBIA GAS TRAN
8357635		4708300718		103		SHREVE-ED #1	UNION	0.0	COLUMBIA GAS TRAN
8357559		4708300718		107-DV		SHREVE-ED #1	UNION	0.0	COLUMBIA GAS TRAN
-SCYOC ELIZABETH				RECEIVED:	09/30/83	JA: WV			
8357499		4703501060		108		BARBARA PERRY FARM SANDYVILLE WV	BARBARA PERRY FARM MU	0.0	GAS TRANSPORT INC
-SENECA-UPSHUR PETROLEUM CO				RECEIVED:	09/30/83	JA: WV			
8357629		4709702330		103		J C HOOVER #1-A	WASHINGTON	35.0	TENNESSEE GAS PIP
8357628		4709702438		103		SAMPSON #2-B	WASHINGTON	35.0	TENNESSEE GAS PIP
8357626		4709702282		103		T ZICKEFOOSE #1	WASHINGTON	35.0	TENNESSEE GAS PIP
8357627		4709702441		103		ZICKEFOOSE #2	WASHINGTON	35.0	TENNESSEE GAS PIP
8357625		4709702442		103		ZICKEFOOSE #3	WASHINGTON	35.0	TENNESSEE GAS PIP
-SPARTAN GAS COMPANY				RECEIVED:	09/30/83	JA: WV			
8357530		4710900863		108		Y & O COAL COMPANY 85-5-276	OCEANA	18.0	COLUMBIA GAS TRAN
-STERLING DRILLING AND PROD CO INC				RECEIVED:	09/30/83	JA: WV			
8357527		4708703455		107-DV		BIRD 525	WALTON DISTRICT	3.6	
8357497		4701501882		108		BOGGS 395	OTTER DISTRICT	88.3	COLUMBIA GAS TRAN
8357509		4701502036		108		BRAGG #624	OTTER DISTRICT	23.6	BROOKLYN UNION GA
8357524		4700501406		108		DEBORD #682 REV	SCOTT DISTRICT	1.5	
8357526		4700501406		107-DV		DEBORD #682-REV	SCOTT DISTRICT	5.4	
8357529		4703902917		107-DV		MCCABE #705	ELK DISTRICT	2.0	
8357528		4708703694		107-DV		RYAN #702	SPENCER DISTRICT	3.0	
8357508		4701502031		108		YATES #613	OTTER DISTRICT	5.7	BROOKLYN UNION GA
8357507		4701502032		108		YATES #614	OTTER DISTRICT	6.3	BROOKLYN UNION GA
8357506		4701502033		108		YATES #615	OTTER DISTRICT	5.7	BROOKLYN UNION GA
-STONESTREET LANDS CO				RECEIVED:	09/30/83	JA: WV			
8357478		4701303478		103		BOGGS #1-S-357	ELMIRA	0.0	COLUMBIA GAS TRAN
8357475		4701303487		103		CLAUDE JARVIS #1-S-367	ELMIRA	14.9	COLUMBIA GAS TRAN
8357479		4701303476		103		DEEL #1-S-358	ELMIRA	10.3	COLUMBIA GAS TRAN
8357476		4701303486		103		H G HICKS #1-S-366	ELMIRA	8.6	COLUMBIA GAS TRAN
8357496		4701303502		103		JACOBS # 21-S-372	ELMIRA	0.5	CONSOLIDATED GAS
8357472		4701303493		103		JACOBS #22-S-369	ELMIRA	0.9	CONSOLIDATED GAS
8357473		4701303460		103		JACOBS 17-S-354	ELMIRA	0.8	CONSOLIDATED GAS
8357480		4701303437		103		LAUGHLIN #1-S-336	ELMIRA	7.6	COLUMBIA GAS TRAN
8357477		4701303483		103		M YOST #4-S-365	ELMIRA	16.2	COLUMBIA GAS TRAN
8357474		4701502171		103		TIMOTHY MARTIN #1-S-260	ELMIRA	11.3	COLUMBIA GAS TRAN
-SWIFT ENERGY CO				RECEIVED:	09/30/83	JA: WV			
8357463		4700701835		103		BLEIGH #1	HOLLY DISTRICT	25.0	TENNESSEE GAS PIP

JD NO	JA DKT	API NO	D	SEC(1)	SEC(2)	WELL NAME	FIELD NAME	PROD	PURCHASER
8357451		4700701835		107-DV		BLEIGH #1	HOLLY DISTRICT	25.0	TENNESSEE GAS PIP
8357461		4702103820		103		CLARK "A" #1-A	GLENVILLE - NORTH	50.0	TENNESSEE GAS PIP
8357443		4702103820		107-DV		CLARK "A" #1-A	GLENVILLE - NORTH	50.0	TENNESSEE GAS PIP
8357462		4702103811		103		CLARK "A" #3-A	GLENVILLE NORTH	50.0	TENNESSEE GAS PIP
8357442		4702103811		107-DV		CLARK A #3-A	GLENVILLE DIST	0.0	TENNESSEE GAS PIP
8357458		4704103199		103		DOLAN #1	COURTHOUSE DISTRICT	50.0	TENNESSEE GAS PIP
8357441		4704103199		107-DV		DOLAN #1	COURTHOUSE DISTRICT	0.0	TENNESSEE GAS PIP
8357450		4700701808		107-DV		FRIEND #3	OTTER DISTRICT	50.0	TENNESSEE GAS PIP
8357466		4700701846		103		GALFORD #2	SALTLICK DISTRICT	25.0	TENNESSEE GAS PIP
8357440		4700701846		107-DV		GALFORD #2	SALT LICK DISTRICT	25.0	TENNESSEE GAS PIP
8357435		4702103911		107-DV		H JONES #1	DEKALB DISTRICT	125.0	TENNESSEE GAS PIP
8357539		4702103911		103		H JONES #1	DEKALB DISTRICT	2.5	TENNESSEE GAS PIP
8357436		4702103912		107-DV		HERSHALL JONES #2	DEKALB DISTRICT	150.0	TENNESSEE GAS PIP
8357452		4700701837		107-DV		KNIGELEY #1	HOLLY DISTRICT	50.0	TENNESSEE GAS PIP
8357453		4700701844		107-DV		M DAVIS #3	SALT LICK DISTRICT	25.0	TENNESSEE GAS PIP
8357464		4700701844		103		M DAVIS #3	SALT LICK DISTRICT	25.0	TENNESSEE GAS PIP
8357445		4700701737		107-DV		MICK "D" #2	GLENVILLE - NORTH	30.0	TENNESSEE GAS PIP
8357471		4700701737		103		MICK "D" #2	GLENVILLE - NORTH	30.0	TENNESSEE GAS PIP
8357446		4700701794		107-DV		MICK "D" #3	GLENVILLE - NORTH	30.0	TENNESSEE GAS PIP
8357538		4700701794		103		MICK "D" #3	GLENVILLE - NORTH	30.0	TENNESSEE GAS PIP
8357447		4700701795		107-DV		MICK "D" #4	GLENVILLE - NORTH	30.0	TENNESSEE GAS PIP
8357467		4700701795		103		MICK "D" #4	GLENVILLE - NORTH	30.0	TENNESSEE GAS PIP
8357448		4700701796		107-DV		MICK "D" #5	GLENVILLE - NORTH	50.0	TENNESSEE GAS PIP
8357468		4700701796		103		MICK "D" #5	GLENVILLE - NORTH	50.0	TENNESSEE GAS PIP
8357449		4700701798		107-DV		MICK "D" #7	GLENVILLE - NORTH	50.0	TENNESSEE GAS PIP
8357460		4700701798		103		MICK "D" #7	GLENVILLE - NORTH	50.0	TENNESSEE GAS PIP
8357545		4702103980		107-DV		MICK "E" #1	GLENVILLE	50.0	TENNESSEE GAS PIP
8357557		4702103980		103		MICK "E" #1	GLENVILLE	50.0	TENNESSEE GAS PIP
8357457		4702103981		103		MICK "E" #2	GLENVILLE	50.0	TENNESSEE GAS PIP
8357546		4702103981		107-DV		MICK "E" #2	GLENVILLE	50.0	TENNESSEE GAS PIP
8357456		4702103982		103		MICK "E" #3	GLENVILLE	50.0	TENNESSEE GAS PIP
8357547		4702103982		107-DV		MICK "E" #3	GLENVILLE	50.0	TENNESSEE GAS PIP
8357455		4702103983		103		MICK "E" #4	GLENVILLE	50.0	TENNESSEE GAS PIP
8357548		4702103983		107-DV		MICK "E" #4	GLENVILLE	50.0	TENNESSEE GAS PIP
8357438		4702103967		107-DV		MICK "F" #1	GLENVILLE	50.0	TENNESSEE GAS PIP
8357470		4702103967		103		MICK "F" #1	GLENVILLE	50.0	TENNESSEE GAS PIP
8357469		4702103977		103		MICK "F" #2	GLENSVILLE DISTRICT	50.0	TENNESSEE GAS PIP
8357544		4702103977		107-DV		MICK "F" #2	GLENSVILLE DISTRICT	50.0	TENNESSEE GAS PIP
8357444		4702103909		107-DV		T MCPHERSON #1	TROY DISTRICT	25.0	TENNESSEE GAS PIP
8357465		4702103909		103		T MCPHERSON #1	TROY DISTRICT	25.0	TENNESSEE GAS PIP
8357459		4702103910		103		T MCPHERSON #2	TROY DISTRICT	25.0	TENNESSEE GAS PIP
8357434		4702103910		107-DV		T MCPHERSON #2	TROY DISTRICT	25.0	TENNESSEE GAS PIP
8357437		4702103935		107-DV		T MCPHERSON #3	TROY DISTRICT	25.0	TENNESSEE GAS PIP
8357454		4702103935		103		T MCPHERSON #3	TROY DISTRICT	25.0	TENNESSEE GAS PIP
-THOMAS M L				RECEIVED:		09/30/83 JA: WV			
8357498		4703500909		106		H A DAVIS #1	OHIO RIVER	2.0	GAS TRANSPORT INC
-TIARA INC				RECEIVED:		09/30/83 JA: WV			
8357618		4707301526		103		CUNNINGHAM #1	MCKIM DISTRICT	0.0	CONSOLIDATED GAS
8357617		4707301305		103		GEORGE NAISH #1	GRANT	0.0	CONSOLIDATED GAS
-UNION DRILLING INC				RECEIVED:		09/30/83 JA: WV			
8357501		4709702513		102-2		SUN LUMBER CO #1 1855	BANKS DISTRICT	0.0	COLUMBIA GAS TRAN
8357500		4709702515		102-2		SUN LUMBER CO #1 1857	BANKS DISTRICT	0.0	COLUMBIA GAS TRAN
8357502		4702100050		102-2		U S A #1 1831	UNION DISTRICT	0.0	COLUMBIA GAS TRAN
8357513		4709702521		102		UDI-BURNSIDE #1 1844	BANKS DISTRICT	0.0	COLUMBIA GAS TRAN
-WACO OIL AND GAS CO INC				RECEIVED:		09/30/83 JA: WV			
8357537		4702103950		107-DV		ARBUCKLE #2A	BEARPEN RUN	40.0	
8357512		4702103950		103		ARBUCKLE #2A	BEARPEN RUN	40.0	
8357535		4702103893		107-DV		COLLINS #3A	COLLINS RUN	50.0	
8357536		4702103946		107-DV		CUNNINGHAM #1A	BULL FORK	20.0	
8357511		4702103946		103		CUNNINGHAM #1A	BULL FORK	20.0	
8357504		4702103964		107-DV		MESSENGER #3A	MUDLICK RUN	40.0	
8357534		4700701801		107-DV		WALDECK #1B	BULL RUN	45.0	

JD No.	JA	Applicant	Well Name	Orig. FERC Vol. No.	Date Pub. in Federal Register	C:	Correction to prior Fed. Register notice
80-38539	OK	Andover Oil	Lottie Jones #33-1	224	7-16-80	C:	102-2 & 103 Approved
80-42154	Ok	Andover Oil	Jensen #34-1	238	7-29-80	C:	102-2 & 103 Approved
80-42180	OK	Andover Oil	Atkinson #11-1	238	7-29-80	C:	102-2 & 103 Approved
80-42902	OK	Andover Oil Co	Jensen #35-1	241	7-31-80	C:	102-2 & 103 Approved
80-45028	OK	Andover Oil Co	Floyd Miller #31-1	248	8-06-80	C:	102-2 & 103 Approved
80-48918	OK	Andover Oil Co	Clouse #5-1	262	9-11-83	C:	102-2 & 103 Approved
80-54248	OK	Andover Oil Co	Tonglin #6-1	277	9-23-80	C:	102-2 & 103 Approved
80-55049	OK	Andover Oil	Evans #12-1	280	9-23-80	C:	102-2 & 103 Approved
80-57856	OK	Andover Oil	Schwab #5-1	292	10-14-80	C:	102-2 & 103 Approve
83-29218	AR	TXO Production Corp	Tobey #1-T & Tobey #1-C	873	4-22-83	C:	Additional Proration Unit Approved
83-34136	LA	Ergon Inc	John M Waldrop #1	896	5-26-83	C:	103 & 107-TF Approved
83-48839US(NM)		Fred Pool Operating Co	Grynberg 35 Fed Com #1	956	8-22-83	C:	102-2 & 107-TF Approved
83-49151	TX	Venus Oil Company	Goebel Unit #2-L	958	8-30-83	C:	Well Name
83-49152	TX	Venus Oil Company	Goebel Unit #2-U	958	8-30-83	C:	Well Name
83-49522	OK	Arkoma Production Co	Hartshorne #1-6	960	9-06-83	C:	107-PE Approved, not 107-TF
83-49588	OK	Phillips Petro Company	Sloup B #2	960	9-06-83	C:	108 Approved, not 103
83-49662	OK	B R Polk Inc	Hamilton #1	960	9-06-83	C:	107-PE Approved, not 107-TF
83-49676	OK	Oak Hill Petro Corp	State 1-36	960	9-06-83	C:	Well Name
83-49726	OK	Robert Gordon Oil Co	Gordon #24-6	960	9-06-83	C:	Well Name; 102-4 Approved not 103
83-51530	WV	Columbia Gas Trans.Corp	King Land Co #14 804627	965	9-12-83	C:	Well Name
83-51590	WV	Columbia Gas Trans.Corp	Central Trust Co. #5 804872	965	9-12-83	C:	Well Name
83-52517	CO	Davis Drlg Inc	#1-17 Griffin	967	9-20-83	C:	107-PE Approved, not 107-TF
83-52671	OH	Sandhill Energy Inc(OH)	Logan 31	967	9-20-83	C:	107-DV Approved, not 107-TF
83-52672	OH	Sandhill Energy Inc(OH)	Miller-Moore #1	967	9-20-83	C:	107-DV Approved, not 107-TF
83-52722	TX	Sun Explo & Prod Co	Marrs McLean #7U	967	9-20-83	C:	Well Name
83-52784	TX	Thompson J Cleo & James Cleo Inc	University 32-6N #2	967	9-20-83	C:	102-4 & 107-TF Approved
83-53558	LA	Gulf Oil Corporation	Vermilion Blk 24 OCS-G 3543 #5	970	9-20-83	C:	Well Name
83-53568	LA	Tenneco Oil Company	Vermilion 75 #A-3	970	9-20-83	C:	Well Name

[FR Doc. 83-29408 Filed 10-28-83; 8:45 am]

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FEDERAL REGISTER PAGES AND DATES, OCTOBER

CFR PARTS AFFECTED DURING OCTOBER

At the end of each month, the Office of the Federal Register publishes separately a list of CFR Sections Affected (LSA), which lists parts and sections affected by documents published since the revision date of each title.

LIST OF PUBLIC LAWS

Note: No public bills which have become law were received by the Office of the Federal Register for inclusion in today's **List of Public Laws.**

Last Listing October 28, 1983

CFR CHECKLIST; 1982/83 ISSUANCES

This checklist, prepared by the Office of the Federal Register, is published weekly. It is arranged in the order of CFR titles, prices, and revision dates.

New units issued during the week are announced on the back cover of the daily **Federal Register** as they become available.

A checklist of current CFR volumes comprising a complete CFR set, also appears in the latest issue of the LSA (List of CFR Sections Affected), which is revised monthly.

The annual rate for subscription to all revised volumes is $615 domestic, $153.75 additional for foreign mailing.

Order from Superintendent of Documents, Government Printing Office, Washington, D.C. 20402.

Title	Price	Revision Date
1, 2 (2 Reserved)	$6.00	Jan. 1, 1983
3 (1982 Compilation and Parts 100 and 101)	6.00	Jan. 1, 1983
4	7.50	Jan. 1, 1983
5 Parts:		
1-1199	8.50	Jan. 1, 1983
1200-End, 6 (6 Reserved)	6.00	Jan. 1, 1983
7 Parts:		
0-45	9.00	Jan. 1, 1983
46-51	7.50	Jan. 1, 1983
52	9.00	Jan. 1, 1983
53-209	7.50	Jan. 1, 1983
210-299	7.00	Jan. 1, 1983
300-399	5.50	Jan. 1, 1983
400-699	6.50	Jan. 1, 1983
700-899	6.50	Jan. 1, 1983
900-999	8.50	Jan. 1, 1983
1000-1059	7.50	Jan. 1, 1983
1060-1119	6.50	Jan. 1, 1983
1120-1199	7.00	Jan. 1, 1983
1200-1499	7.00	Jan. 1, 1983
1500-1899	6.50	Jan. 1, 1983
1900-1944	8.00	Jan. 1, 1983
1945-End	7.00	Jan. 1, 1983
8	6.50	Jan. 1, 1983
9 Parts:		
1-199	7.50	Jan. 1, 1983
200-End	7.50	Jan. 1, 1983
10 Parts:		
0-199	9.00	Jan. 1, 1983
200-399	7.50	Jan. 1, 1983
400-499	6.50	Jan. 1, 1983
500-End	7.00	Jan. 1, 1983
11	5.50	July 1, 1983
12 Parts:		
1-199	7.00	Jan. 1, 1983
200-299	8.00	Jan. 1, 1983
300-499	7.00	Jan. 1, 1983
500-End	8.00	Jan. 1, 1983
13	8.00	Jan. 1, 1983
14 Parts:		
1-59	7.00	Jan. 1, 1983
60-139	7.00	Jan. 1, 1983
140-199	5.50	Jan. 1, 1983
200-1199	7.00	Jan. 1, 1983
1200-End	6.50	Jan. 1, 1983
15 Parts:		
0-299	6.50	Jan. 1, 1983
300-399	7.00	Jan. 1, 1983
400-End	7.50	Jan. 1, 1983
16 Parts:		
0-149	7.00	Jan. 1, 1983
150-999	7.00	Jan. 1, 1983
1000-End	7.00	Jan. 1, 1983
17 Parts:		
1-239	$8.00	Apr. 1, 1983
240-End	7.00	Apr. 1, 1983
18 Parts:		
1-149	7.00	Apr. 1, 1983
150-399	8.00	Apr. 1, 1983
400-End	6.50	Apr. 1, 1983
19	8.50	Apr. 1, 1983
20 Parts:		
1-399	5.50	Apr. 1, 1983
400-499	7.00	Apr. 1, 1983
500-End	7.50	Apr. 1, 1983
21 Parts:		
1-99	6.00	Apr. 1, 1983
100-169	6.50	Apr. 1, 1983
170-199	6.50	Apr. 1, 1983
200-299	4.75	Apr. 1, 1983
300-499	8.00	Apr. 1, 1983
500-599	6.50	Apr. 1, 1983
600-799	5.00	Apr. 1, 1983
800-1299	6.00	Apr. 1, 1983
1300-End	5.00	Apr. 1, 1983
22	8.50	Apr. 1, 1983
23	7.00	Apr. 1, 1983
24 Parts:		
0-199	6.00	Apr. 1, 1983
200-499	8.00	Apr. 1, 1983
500-799	5.00	Apr. 1, 1983
800-1699	6.50	Apr. 1, 1983
1700-End	6.00	Apr. 1, 1983
25	8.00	Apr. 1, 1983
26 Parts:		
§§ 1.0-1.169	8.00	Apr. 1, 1983
§§ 1.170-1.300	7.50	[1] Apr. 1, 1982
§§ 1.301-1.400	6.00	Apr. 1, 1983
§§ 1.401-1.500	7.00	Apr. 1, 1983
§§ 1.501-1.640	6.50	Apr. 1, 1983
§§ 1.641-1.850	7.50	[1] Apr. 1, 1982
§§ 1.851-1.1200	8.00	Apr. 1, 1983
§§ 1.1201-End	8.50	Apr. 1, 1983
2-29	7.00	Apr. 1, 1983
30-39	6.00	Apr. 1, 1983
40-299	7.50	Apr. 1, 1983
300-499	6.00	Apr. 1, 1983
500-599	8.00	[2] Apr. 1, 1980
600-End	5.00	Apr. 1, 1983
27 Parts:		
1-199	6.50	Apr. 1, 1983
200-End	6.50	Apr. 1, 1983
28	8.00	July 1, 1982
29 Parts:		
0-99	9.00	July 1, 1982
100-499	5.50	July 1, 1983
500-899	8.00	July 1, 1983
900-1899	5.50	July 1, 1983
1900-1910	9.00	July 1, 1982
1911-1919	4.50	July 1, 1983
1920-End	8.50	July 1, 1982
30 Parts:		
0-199	8.00	July 1, 1982
200-End	10.00	July 1, 1982
31 Parts:		
0-199	6.00	July 1, 1983
200-End	9.00	July 1, 1982
32 Parts:		
1-39 (V.I.)	9.00	Sept. 1, 1982
(V.II)	11.00	Sept. 1, 1982
(V.III)	10.00	Sept. 1, 1982
40-399	13.00	July 1, 1982
400-699	10.00	July 1, 1982

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700–799	$8.50	July 1, 1982
800–999	6.50	July 1, 1983
1000–End	6.00	July 1, 1983
33 Parts:		
1–199	9.00	July 1, 1982
200–End	8.00	July 1, 1982
34 Parts:		
1–399	13.00	July 1, 1982
300–399	6.00	July 1, 1983
400–End	8.50	July 1, 1982
35	5.50	July 1, 1983
36 Parts:		
1–199	7.00	July 1, 1982
200–End	7.50	July 1, 1982
37	6.00	July 1, 1983
38 Parts:		
0–17	8.00	July 1, 1982
18–End	7.00	July 1, 1982
39	7.00	July 1, 1982
40 Parts:		
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42 Parts:		
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61–399	7.00	Oct. 1, 1982
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43 Parts:		
1–999	7.00	Oct. 1, 1982
1000–3999	8.50	Oct. 1, 1982
4000–End	$7.00	Oct. 1, 1982
44	7.50	Oct. 1, 1982
45 Parts:		
1–199	7.00	Oct. 1, 1982
200–499	6.00	Oct. 1, 1982
500–1199	7.50	Oct. 1, 1982
1200–End	7.50	Oct. 1, 1982
46 Parts:		
1–29	6.00	Oct. 1, 1982
30–40	5.50	Oct. 1, 1982
41–69	7.50	Oct. 1, 1982
70–89	6.00	Oct. 1, 1982
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110–139	5.00	Oct. 1, 1982
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166–199	7.00	Oct. 1, 1982
200–399	8.50	Oct. 1, 1982
400–End	7.00	Oct. 1, 1982
47 Parts:		
0–19	8.50	Oct. 1, 1982
20–69	9.00	Oct. 1, 1982
70–79	8.00	Oct. 1, 1982
80–End	9.00	Oct. 1, 1982
48	1.50	[3] Sept. 19, 1983
49 Parts:		
1–99	6.50	Oct. 1, 1982
100–177	9.00	Oct. 1, 1982
178–199	8.00	Oct. 1, 1982
200–399	7.50	Oct. 1, 1982
400–999	8.00	Oct. 1, 1982
1000–1199	7.50	Nov. 1, 1982
1200–1299	7.50	Oct. 1, 1982
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50 Parts:		
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[1] No amendments to these volumes were promulgated during the period Apr. 1, 1982 to March 31, 1983. The CFR volumes issued as of Apr. 1, 1982 should be retained.

[2] No amendments to this volume were promulgated during the period Apr. 1, 1980 to March 31, 1983. The CFR volume issued as of Apr. 1, 1980, should be retained.

[3] Refer to September 19, 1983, FEDERAL REGISTER, Book II (Federal Acquisition Regulation).

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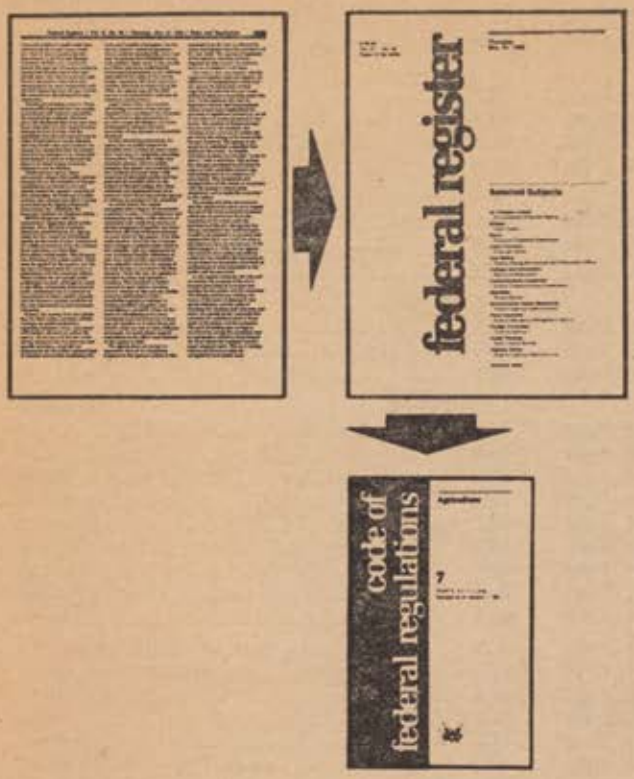

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