TITLE 92 (CONT'D)

530.610	n	(P-2940)
530.700	n	(P-2940)
530.701	r	(P-3003)
530.702	r	(P-3003)
530.710	n	(P-2940)
530.800	n	(P-2940)
530.801	r	(P-3003)
530.802	r	(P-3003)
530.803	r	(P-3003)
530.804	r	(P-3003)
530.810	n	(P-2940)
530.820	n	(P-2940)
530.830	n	(P-2940)
530.840	n	(P-2940)
530.900	n	(P-2940)
530. 1	r	

ILLINOIS REGISTER

Rules of Governmental Agencies

GEORGE H. RYAN
Secretary of State

VOLUME 15
ISSUE 29

A WEEKLY PUBLICATION

JULY 19
1991

Pages 10521-10870

Secretary of State
Administrative Code Div.
288 Centennial Bldg.
Springfield, IL 62756

(217) 782-9786

TABLE OF CONTENTS

(continued on next page)

Printed by authority of the
State of Illinois
July 1991 – 890 – GA-48

INTRODUCTION

The Illinois Register is the official state document for publishing public notice of rulemaking activity by State governmental agencies. The table of contents is arranged categorically by rulemaking activity and alphabetically by agency within each category. Rulemaking activity consists of proposed or adopted new rules or amendments to or repealers of existing rules, including those by emergency or peremptory action.

The *Register* also contains Executive Orders and Proclamations issued by the Governor, notices of public information required by State statute, and activities (meeting agendas, Statements of Objection or Recommendation, etc.) of the Joint Committee on Administrative Rules (JCAR), a legislative oversight committee which monitors the rulemaking activities of State agencies. In addition, the *Register* contains a Cumulative Index listing alphabetically by agency the Parts (sets of rules) on which rulemaking activity has occurred in the current *Register* volume and a Sections Affected Index listing, by Title of the *Illinois Administrative Code*, each Section (including supplementary material) of a Part on which rulemaking activity has occurred in the current volume. Both indices are action coded and are designed to aid the public in monitoring rules.

The *Register* will serve as the update to the *Illinois Administrative Code*, a compilation of the rules of State agencies. The most recent edition of the *Code* along with the *Register* comprise the most current accounting of the State agencies' rules.

The *Illinois Register* is the property of the State of Illinois, granted by the authority of the Illinois Administrative Procedure Act (Ill. Rev. Stat. 1989, ch. 127, pars. 1001 et.seq., as amended).

REGISTER PUBLICATION SCHEDULE 1991

Material Rec'd after 4:30 p.m. on:	And before 4:30 p.m. on:	Will be in Issue #:	Published on:	Material Rec'd after 4:30 p.m. on:	And before 4:30 p.m. on:	Will be in Issue #:	Published on:
Dec. 18, 1990	Dec. 24, 1990	1	Jan. 4, 1991	June 25, 1991	July 2, 1991	28	July 12, 1991
Dec. 24, 1990	Dec. 31, 1990	2	Jan. 11, 1991	July 2, 1991	July 9, 1991	29	July 19, 1991
Dec. 31, 1990	Jan. 8, 1991	3	Jan. 18, 1991	July 9, 1991	July 16, 1991	30	July 26, 1991
Jan. 8, 1991	Jan. 15, 1991	4	Jan. 25, 1991	July 16, 1991	July 23, 1991	31	Aug. 2, 1991
Jan. 15, 1991	Jan. 22, 1991	5	Feb. 1, 1991	July 23, 1991	July 30, 1991	32	Aug. 9, 1991
Jan. 22, 1991	Jan. 29, 1991	6	Feb. 8, 1991	July 30, 1991	Aug. 6, 1991	33	Aug. 16, 1991
Jan. 29, 1991	Feb. 5, 1991	7	Feb. 15, 1991	Aug. 6, 1991	Aug. 13, 1991	34	Aug. 23, 1991
Feb. 5, 1991	Feb. 11, 1991	8	Feb. 22, 1991	Aug. 13, 1991	Aug. 20, 1991	35	Aug. 30, 1991
Feb. 11, 1991	Feb. 19, 1991	9	Mar. 1, 1991	Aug. 20, 1991	Aug. 27, 1991	36	Sept. 6, 1991
Feb. 19, 1991	Feb. 26, 1991	10	Mar. 8, 1991	Aug. 27, 1991	Sept. 3, 1991	37	Sept, 13, 1991
Feb. 26, 1991	Mar. 5, 1991	11	Mar. 15, 1991	Sept. 3, 1991	Sept. 10, 1991	38	Sept. 20, 1991
Mar. 5, 1991	Mar. 12, 1991	12	Mar. 22, 1991	Sept. 10, 1991	Sept. 17, 1991	39	Sept. 27, 1991
Mar. 12, 1991	Mar. 19, 1991	13	Mar. 29, 1991	Sept. 17, 1991	Sept. 24, 1991	40	Oct. 4, 1991
Mar. 19, 1991	Mar. 26, 1991	14	Apr. 5, 1991	Sept. 24, 1991	Oct. 1, 1991	41	Oct. 11, 1991
Mar. 26, 1991	Apr. 2, 1991	15	Apr. 12, 1991	Oct. 1, 1991	Oct. 8, 1991	42	Oct. 18, 1991
Apr. 2, 1991	Apr. 9, 1991	16	Apr. 19, 1991	Oct. 8, 1991	Oct. 15, 1991	43	Oct. 25, 1991
Apr. 9, 1991	Apr. 16, 1991	17	Apr. 26, 1991	Oct. 15, 1991	Oct. 22, 1991	44	Nov. 1, 1991
Apr. 16, 1991	Apr. 23, 1991	18	May 3, 1991	Oct. 22, 1991	Oct. 29, 1991	45	Nov. 8, 1991
Apr. 23, 1991	Apr. 30, 1991	19	May 10, 1991	Oct. 29, 1991	Nov. 5, 1991	46	Nov. 15, 1991
Apr. 30, 1991	May 7, 1991	20	May 17, 1991	Nov. 5, 1991	Nov. 12, 1991	47	Nov. 22, 1991
May 7, 1991	May 14, 1991	21	May 24, 1991	Nov. 12, 1991	Nov. 19, 1991	48	Dec. 2, 1991 (Mon.)
May 14, 1991	May 21, 1991	22	May 31, 1991	Nov. 19, 1991	Nov. 26, 1991	49	Dec. 6, 1991
May 21, 1991	May 28, 1991	23	June 7, 1991	Nov. 26, 1991	Dec. 3, 1991	50	Dec. 13, 1991
May 28, 1991	June 4, 1991	24	June 14, 1991	Dec. 3, 1991	Dec. 10, 1991	51	Dec. 20, 1991
June 4, 1991	June 11, 1991	25	June 21, 1991	Dec. 10, 1991	Dec. 17, 1991	52	Dec. 27, 1991
June 11, 1991	June 18, 1991	26	June 28, 1991	Dec. 17, 1991	Dec. 24, 1991	1	Jan. 3, 1992
June 18, 1991	June 25, 1991	27	July 5, 1991	Dec. 24, 1991	Dec. 31, 1991	2	Jan. 10, 1992

Please note: When the Register deadline falls on a State holiday, the deadline becomes 4:30 p.m. on Monday *(the day before).*

HUMAN RIGHTS COMMISSION

NOTICE OF PROPOSED AMENDMENTS

1) Heading of the Part: Procedural Rules

2) Code Citation: 56 Ill. Admin. Code 5300

3)

Section Number:	Proposed Action:
5300.10	Amend
5300.20	Amend
5300.30	Amend
5300.40	Amend
5300.210	Amend
5300.310	Amend
5300.450	Amend
5300.460	Amend
5300.550	Repeal
5300.560	Amend
5300.570	Repeal
5300.610	Amend
5300.620	Amend
5300.630	Amend
5300.640	Amend
5300.650	Amend
5300.660	Amend
5300.720	Amend
5300.730	Amend
5300.735	Add
5300.745	Add
5300.750	Amend
5300.760	Amend
5300.765	Add
5300.770	Repeal
5300.782	Repeal
5300.783	Repeal
5300.784	Repeal
5300.785	Repeal
5300.786	Repeal
5300.787	Repeal
5300.825	Amend
5300.865	Amend
5300.920	Amend
5300.930	Amend
5300.940	Amend
5300.950	Amend
5300.960	Amend
5300.1145	Add
5300.1150	Amend
5300.1160	Amend

HUMAN RIGHTS COMMISSION

NOTICE OF PROPOSED AMENDMENTS

4) Statutory Authority: Implementing Article 8 and authorized by Section 8-102(E) of the Illinois Human Rights Act (Ill.Rev.Stat.1989, ch. 68, par. 8-102(E)).

5) A Complete Description of the Subjects and Issues Involved: The proposed amendments make several revisions to the Human Rights Commission's procedural rules.

With regard to Subpart A, Interpretations, the proposed amendments:

1) Add to the existing definitions the term "Aggrieved Party" and substitute the term "Executive Director" for the term "Executive Assistant";

2) Specify the deemed date of receipt for documents served by mail;

3) Provide for specific identifying information to be included on documents and pleadings filed with the Commission;

4) Increase the number of copies of documents filed for consideration by the full Commission by five to require fifteen copies; and

5) Require that a statement of proof of service be verified if the person making the statement is not an attorney.

With regard to Subpart B, Records and Witnesses, the proposed amendments:

I) Allow a party to a proceeding before the Commission, in anticipation of a hearing, to request a subpoena to obtain information from documents in the possession of non-parties;

2) Allow a person receiving a subpoena in anticipation of a hearing to petition to quash or modify the subpoena; and

3) Permit the Commission instead of the Department of Human Rights to petition the circuit court for enforcement of a subpoena.

With regard to Subpart C, Settlements, the proposed amendments require that when a settlement is reached after a complaint has been filed, the terms of settlement be submitted to the

Commission by the Administrative Law Judge assigned to the case or by the Executive Director when no Administrative Law Judge has been assigned.

With regard to Subpart D, Request for Review, the proposed amendments:

1) Allow the Commission, through its Executive Director, to grant permitted extension of time for filing documents in support of a request for review, and for filing a response; and

2) Allow the Commission, through its Executive Director, to vacate a default or dismissal entered by the Department when the Department's response states the Department does not oppose the complainant's request for review.

With regard to Subpart E, Hearings, the proposed amendments eliminate the need to file an appearance with both the Department and the Commission, except when the complainant files a complaint on his or her own behalf.

With regard to Subpart F, Complaint and Answer, the proposed amendments:

1) Allow the aggrieved party to file his or her own complaint with the Commission;

2) Provide for notification to the parties of the name of the Administrative Law Judge to whom the case has been assigned and to whom all documents and pleadings related to the complaint shall be directed;

3) Clarify that in accordance with Section 8A-102(C) of the Illinois Human Rights Act (the Act), Ill.Rev.Stat.1989, ch. 68, par. 1-101, et seq., a complaint may be amended to encompass any unlawful discrimination which is like or reasonably related to the charge and grows out of the allegations in the charge;

4) Require that when a party to a complaint dies that a motion to substitute the proper party be filed within 90 days.

With regard to Subpart G, Discovery and Practice, the proposed amendments:

1) Eliminate the need to file a written request for discovery of tangible items with the Administrative Law Judge;

2) Require that a party receive leave of the Administrative Law Judge before taking a discovery deposition or serving a notice of the taking of a deposition;

3) Provide that discovery should be available as in all civil cases in the State of Illinois, except for the taking of depositions;

4) Require motions arising from complaints where the site of the alleged violation is Cook County to be heard in the Commission's Chicago office, except motions to dismiss, motions for summary judgment, and motions made in the course of public hearing;

5) Clarify that, in accordance with the Act, a party is permitted to file a motion for summary decision;

6) Clarify that, in accordance with the Act, a party is entitled to all discovery which is available in other civil cases in the circuit courts of this state with the exception of depositions;

7) Clarify that, in accordance with the Act, a party may compel the appearance at the public hearing of officers, directors, or employees of the party to the complaint;

8) Provide for the preparation of a recommended liability determination by the Administrative Law Judge, which allows the prevailing party to file a petition for attorney fees; and

9) Provide specific requirements of the documentation required in a petition for fees and costs.

With regard to Subpart H, Practice in Front of the Commission, the proposed amendments:

1) Provide that motions shall be presented either to the full Commission or to a Commission panel immediately following the 10-day response period provided for such motions;

HUMAN RIGHTS COMMISSION

NOTICE OF PROPOSED AMENDMENTS

2) Provide for the Commission's refusal of documents provided for filing without the required number of copies; and

3) Require that a pleading indicate whether it is for the consideration of a Commission panel or consideration of the full Commission.

With regard to Subpart I, Review of Recommended Order and Decision, the proposed amendments:

1) Restriot the written exceptions and the responses to exceptions to a 30-page limit, unless the Commission gives permission for a longer document;

2) Provides for the Commission, through its Executive Director, to grant an extension of time for filing certain pleadings; and

3) Allow a Commission panel to request oral argument when at least two panel members find that oral argument is necessary to resolve an issue.

With regard to Subpart K, Order and Decision of the Commission, the proposed amendments:

I) Provide for the calculation of interest when the Order and Decision includes an award of interest; and

2) Provide that a rehearing before the full Commission be granted upon a vote of six Commissioners.

6) Will these proposed amendments replace an emergency rule currently in effect? No.

7) Does this rulemaking contain an automatic repeal date? No.

8) Do these proposed amendments contain incorporations by reference? No.

9) Are there any other amendments pending on this Part? No.

10) Statement of Statewide Policy Objectives:
This rulemaking does not create or expand a state mandate as defined in Section 3(b) of the State Mandates Act (Ill.Rev.Stat.1987, ch. 85, par. 2203).

HUMAN RIGHTS COMMISSION

NOTICE OF PROPOSED AMENDMENTS

11) Time, Place and Manner in which interested persons may comment on this proposed rulemaking:
Written comments on this proposed rulemaking may be submitted until 3 p.m. on October 30, 1991. Written comments should be submitted to:

Kent Sezer
General Counsel
Illinois Human Rights Commission
100 West Randolph Street
Suite 5-100
Chicago, IL 60601

The Commission will consider fully all written comments on this proposed rulemaking received in its Chicago, Illinois office by 3 p.m. on October 30, 1991. Comments submitted by smaII businesses should be identified as such.

In addition, the Commission will hold a public hearing on this proposed rulemaking. The public hearing will be held from 10 a.m. to 3 p.m. on October 30, 1991 at the offices of the Illinois Human Rights Commission, 100 West Randolph Street, Suite 5-100, Chicago, Illinois. Persons wishing to present oral comments at the hearing should contact Kent Sezer, General Counsel, at the above address for further information.

12) Initial Regulatory Flexibility Analysis:

- Date rules were submitted to the Business Assistance Office of the Department of Commerce and Community Affairs: June 24, 1991.
- Types of small businesses affected:
These proposed changes affect only those smaII businesses which are subject to jurisdiction under the Human Rights Act. Therefore, these proposed changes affect smaII businesses with more than 15 employees.
- Reporting, bookkeeping or other procedures required for compliance: The rules impose no burdens not already imposed by law.
- Types of professional skills necessary for compliance: None.

The full text of the proposed amendments begin on the next page:

HUMAN RIGHTS COMMISSION

NOTICE OF PROPOSED AMENDMENTS

TITLE 56: LABOR AND EMPLOYMENT
CHAPTER XI: HUMAN RIGHTS COMMISSION

PART 5300
PROCEDURAL RULES

SUBPART A: INTERPRETATIONS

SUBPART B RECORDS AND WITNESSES

SUBPART C: SETTLEMENTS

SUBPART D: REQUEST FOR REVIEW

SUBPART E: HEARINGS

HUMAN RIGHTS COMMISSION

NOTICE OF PROPOSED AMENDMENTS

SUBPART F: COMPLAINT AND ANSWER

SUBPART G: DISCOVERY AND PRACTICE

SUBPART H: PRACTICE IN FRONT OF THE COMMISSION

AUTHORITY: Implementing Article 8 and autorized by Section 8-102(E) of the Illinois Human Rights Act (Ill.Rev.Stat. ~~1983~~ 1989, ch. 68, pars. 8-101 et seq. and 8-102(E)).

SOURCE: Filed November 15, 1975 by the Fair Employment Practices Commission; emergency amendment at 2 Ill.Reg. 12, p. 11, effective March 24, 1978, for a maximum of 150 days; amended at 3 III. Reg. 9, p. 40, effective March 1, 1979; amended at 3 IlI. Reg. 15, p. 100,, effective April 9, 1979; transferred to the Human Rights Commission by the Illinois Human Rights Act effective July 1, 1980; emergency amendment at 4 III. Reg. 39, p. 334, effective September 17, 1980 for a maximum of 150 days; amended at 5 Ill. Reg. 2709 , effective March 2, 1981; amended at 7 Ill. Reg. 9298, effective July 25, 1983; codified at 8 Ill. Reg. 18887; amended at 9 III. Reg. 6207, effective April 24, 1985; amended at Ill. Reg. . effective .

SUBPART A: INTERPRETATIONS

Section 5300.10 Definition of Terms

Where used in this Part, unless the context otherwise clearly requires:

The term "Act" shall mean the Illinois Human Rights Act (Ill.Rev.Stat., ch. 68, par. 1-101 through ~~11-101~~ 10-103).

The term "Administrative Law Judge" shall refer to a hearing officer appointed by the Commission pursuant to Section 8-102(D) of the Act.

The term "Aggrieved Party" shall mean a person who is alleged or proven to have been injured by a civil rights violation.

The term "Charge" shall mean an allegation of a civil rights violation filed with or initiated by the Department in accordance with the provisions of the Act and this Part.

The term "Civil Rights Violation" shall refer to any of the acts or practices constituting civil rights violations under Section 2-102, 2-103, 3-102, 3-102.1, 3-103, 3-104, 3-104.1, 3-105, 4-102, 4-103, 5-102 and 6-101 of the Act.

The term "Commissioner" shall mean any duly appointed member of the Human Rights Commission including, unless the context otherwise requires, the Chairperson.

HUMAN RIGHTS COMMISSION

NOTICE OF PROPOSED AMENDMENTS

The term "Complainant" shall mean a person who files a charge with the Department, including the Department in the case of a charge initiated by the Department itself; said term shall have the same meaning in connection with a complaint filed by the Department itself; said term shall have the same meaning in connection with a complaint filed by the Department or by an aggrieved party with the Commission.

The term "Complaint" shall mean a written complaint for hearing filed by the Department or by an aggrieved party with the Commission in accordance with the Act and this Part.

The term "Department" shall mean the Department of Human Rights.

The term "Director" shall mean the Director of the Department or a duly authorized designee.

The term "Executive Director" ~~"Executive Assistant"~~ shall mean the Executive Director ~~Executive Assistant~~ of the Commission or a duly authorized designee.

The term "party" shall refer to a person designated as complainant or respondent in a charge or complaint.

The term "Person" shall have the same meaning as prescribed in Section 1-103 of the Act.

The term "Respondent" shall mean a person against whom a charge or complaint is filed in accordance with the Act and this Part.

(Source: Amended at Ill.Reg. , effective)

Section 5300.20 Computation of Time

For purposes of computing any period of time provided for under the Act or this Part, the date of any act, event, service or default from which such period of time begins to run shall not be included. If the last day of any such period of time shall fall on a Saturday, Sunday, or legal State holiday, such time period shall continue to run until the end of the next day which is not a Saturday, Sunday, or legal State holiday. When the period of time prescribed or allowed is less than seven days, intermediate

HUMAN RIGHTS COMMISSION

NOTICE OF PROPOSED AMENDMENTS

Saturdays, Sundays, and legal State holidays shall be excluded in the computation. Whenever a time period commences upon a person's receipt of service or notice, and service is by mail, receipt shall be ~~presumed~~ deemed to occur on the fourth day after mailing.

(Source: Amended at Ill.Reg. , effective)

Section 5300.30 Service of Pleadings

a) Manner of Service. Unless otherwise provided, all motions, orders, notices and other pleadings required to be served under the Act or this Part shall be served either personally or by first-class mail.

b) Proof of Service. ~~Where service is required, proof of service shall be filed with the Commission consisting of the verified statement of the individual making service, specifying the manner and date of such service.~~ Proof of Service shall be filed when service is required. Proof of service shall consist of the statement of the individual making service, specifying the manner and date of such service. If the person making service is not an attorney, the statement shall be verified.

c) Effective Date of Service by Mail. Service by mail shall be deemed complete four days after mailing of the document, properly addressed and posted for delivery to the person to be served.

(Source: Amended at Ill.Reg. , effective)

Section 5300.40 Filing ~~with the Commission~~

a) All documents and pleadings required to be filed by the Act or this Part ~~to be filed with the Commission~~ shall be deemed filed when received in the Commission's Chicago or Springfield office; provided, that an item properly received by mail shall be deemed to have been filed when postmarked, properly addressed and posted for delivery.

b) All papers and copies thereof for filing and service shall be typewritten on good white paper 8 1/2 by 11 inches in approximate size. Copies may be reproduced by any printing or duplicating process providing a clear image.

c) Each document shall bear on the first page the caption, descriptive title, the charge number assigned by the Department, and the Administrative Law Section file number, and shall identify the party on whose behalf it is to be filed. The final page of each document shall contain the name, address, and telephone number of the attorney in active charge of the case, or of the party if appearing pro se.

d) If the matter is pending before an Administrative Law Judge, the original and one copy of each document shall be filed.

e) Except for Requests for Review, if a document is to be considered by a Commission panel, then the original and five copies of the document must be filed. If the document is to be considered by the full Commission, then the original and fifteen copies must be filed.

f) Except as otherwise provided, all pleadings and other papers required to be served on a party shall be filed as follows:

1) In matters pending before an Administrative Law Judge, such pleadings and papers shall be filed in the Commission office to which that Administrative Law Judge is assigned;

2) If the document is to be considered by a Commission panel or the full Commission, the document shall be filed with the Executive Director in the Commission's Chicago office.

(Source: Amended at Ill.Reg. , effective)

SUBPART B: RECORDS AND WITNESSES

Section 5300.210 Subpoenas

a) Issuance

1) Subpoenas shall be issued by a Commissioner to compel the attendance of a witness or the production of books, payrolls, records, correspondence, documents, papers or other evidence under the following circumstances:

A) At the instance of the Department to facilitate its investigation of a charge; or

B) At the instance of a party to the proceedings, in connection with a hearing convened pursuant to this Part~~.~~ ; or

C) At the instance of a party to the proceedings, solely to obtain the production of books, payrolls, records, correspondence, documents, papers or other evidence from non-parties in anticipation of a hearing convened pursuant to this Part. This section does not confer a right on a party to take a deposition of any person.

2) Blank subpoenas may be obtained for use pursuant to this subsection by applying therefor to the Executive Director ~~Executive Assistant~~. The applicant shall specify the charge or complaint for which the subpoena is to be used and the type of subpoena requested.

b) Witness and Mileage Fees - The cost of service and witness and mileage fees shall be borne by the person requesting the subpoena. Witness and mileage fees shall be the same as are paid witnesses in the circuit courts of the State of Illinois, as set forth in "An Act in relation to the compensation of Sheriffs, Coroners, County Treasurers, County Clerks, Recorders and Auditors with their necessary clerk hire, stationery, fuel and other expenses, in counties of less than 2,000,000 inhabitants" (Ill.Rev.Stat.~~1981~~ 1989, ch. 53, par. 65).

c) Service and Contents - The person requesting a subpoena shall be responsible for its service. A subpoena shall be served reasonably in advance of its return date. The subpoena shall state the number and address of the person initiating its issuance, and shall identify the person, or evidence subpoenaed and the person to whom and the place, date, and the time at which it is returnable.

d) Petition to Quash or Modify - Within five (5) days after service of a subpoena on any person, such person may file a petition to quash or modify said subpoena, stating reasons in support of such relief. Such a petition shall be filed with the Commission in the case of a subpoena

issued during the Department's investigation of any matter, and with the Administrative Law Judge in the case of a subpoena issued in connection with or in anticipation of a hearing before the Judge. A copy of the petition shall be served at the same time on the person serving the subpoena. Within five (5) days after service of such petition, or within any longer period that the Commission or a three-member panel or the Administrative Law Judge may order, the serving party may file an answering statement thereto. A hearing may be held in such a dispute in the discretion of the Commission or Administrative Law Judge. When such a petition is properly filed with the Commission, the Commission may refer the question to an Administrative Law Judge for hearing but the final decision will be by the Commission. Whenever a petition to quash a subpoena is properly filed under this section, the petitioner shall not be required to respond to such subpoena until the petition has been ruled upon.

e) Enforcement - Whenever any person shall knowingly fail or refuse to comply with a subpoena served in accordance herewith, the Commission, at the instance of the person serving the subpoena, shall ~~direct the Department to~~ petition the appropriate circuit court pursuant to Section 8-104(E) of the Act for an order enforcing said subpoena.

(Source: Amended at Ill.Reg. , effective)

SUBPART C: SETTLEMENTS

Section 5300.310 Settlement ~~Filing of~~ Agreements

a) ~~Whenever~~ If terms of settlement are agreed to by the parties to a charge ~~or complaint~~ prior to the filing of a complaint and if the terms of settlement are approved by the Department pursuant to Section ~~7-103~~ 7A-103 of the Act, the proposed settlement agreement shall be filed by the Department with the Commission at its Chicago office.

b) If terms of settlement are agreed to by the parties after a complaint has been filed, the parties shall submit the terms of settlement to the Administrative Law Judge assigned to the case. The Administrative Law Judge shall transmit the terms to the Commission for approval

pursuant to Section 5300.320 of this Part. If there is no Administrative Law Judge assigned to the case, the parties shall submit the terms directly to the Executive Director of the Commission.

c) Terms of settlement shall be in writing and signed by the parties.

(Source: Amended at Ill.Reg. , effective)

SUBPART D: REQUEST FOR REVIEW

Section 5300.450 Extensions of Time

a) A party's timely request for review may seek additional time to file argument and material in support thereof. A request for additional time not exceeding thirty (30) days shall be granted by the Commission through the issuance by the Executive ~~Assistant~~ Director of a ~~by~~ written order served on the person filing the request and on the Department. A request for additional time exceeding the aforementioned limitation will be granted by the Commission, through a three-member panel, only upon a showing of special circumstances. Any additional argument or material filed pursuant to this subsection shall be served at the same time on the Department by the party filing it. The Department shall file its response in accordance with Section 5300.430 within thirty (30) days after receipt of the additional argument or materials.

b) The Department may request additional time to file its response by filing a written motion with the Commission, serving a copy at the same time on the party filing the request. A request for additional time not exceeding thirty (30) days shall be granted by the Commission through the issuance by the Executive ~~Assistant~~ Director of a ~~by~~ written order served on the party filing the request for review and on the Department. A request for additional time exceeding the aforementioned limitation will be granted by the Commission, through a three-member panel, only upon a showing of special circumstances.

(Source: Amended at Ill.Reg. , effective)

Section 5300.460 Consideration of Request for Review

The Commission, through a panel of three members, shall review all pleadings filed in accordance with this Subpart and shall determine the merits of the request for review; provided, that if the Department's response states that it does not oppose the request for review, the Executive ~~Assistant~~ Director is authorized to promptly enter an order on behalf of the Commission vacating the dismissal or default. Oral argument before the Commission on requests for review will not be permitted.

(Source: Amended at Ill.Reg. , effective)

SUBPART E: HEARINGS

Section 5300.550 Form of Pleadings and Other Papers (Repealed)

~~a) All papers and copies thereof for filing and service shall be typewritten on good white paper 8 ½ by 11 inches in approximate size. Copies may be reproduced by any printing or duplicating process providing a clear image.~~

~~b) Each document shall bear on the first page the caption, descriptive title, and number of the matter in which it is filed, and shall identify the party on whose behalf it is filed. Each document shall contain on the final page the name, address, and telephone number of the attorney in active charge of the case, or of the party if appearing pro se.~~

~~c) The original and one copy of each document shall be filed with the Administrative Law Judge.~~

~~d) When service of any notice, rule, order, pleading, motion or other paper is required, proof of service shall be filed with the Administrative Law Judge.~~

(Source: Repealed at III.Reg. , effective)

Section 5300.560 Appearances

a) Each complainant and respondent shall enter a written appearance in such party's own behalf or by counsel as soon as practicable after issuance of the complaint, serving copies at the same time on all parties. An

appearance ~~filed~~ by a party or counsel with the Department prior to issuance of the complaint shall ~~satisfy this section.~~ constitute an appearance before the Commission, except when the complaint is filed by the complainant pursuant to Section 7A-102(G)(2) of the Act.

b) An attorney may not withdraw his or her appearance for a party without leave of the Administrative Law Judge, nor unless reasonable notice of a motion to withdraw has been given by personal service or by certified mail directed to the party represented at his or her last known address.

c) An attorney who is not a member of the Illinois Bar may be granted leave to appear on behalf of a party on a *pro hac vice* basis in the same manner and circumstances as provided in Illinois Supreme Court Rule 707 (Ill.Rev.Stat.~~1981,~~ 1989, ch. 110A, par. 707).

(Source: Amended at Ill.Reg. , effective)

Section 5300.570 Place and Manner of Filing Papers (Repealed)

~~From the time an Administrative Law Judge is assigned a matter until issuance of the Judge's decision and/or final order, all pleadings and other papers required to be served on a party shall be filed at the Commission's Chicago office with the Administrative Law Judge.~~

(Source: Repealed at Ill.Reg. ,effective)

SUBPART F: COMPLAINT AND ANSWER

Section 5300.610 Filing of Complaint

Complaints shall be filed by the Department or by the aggrieved party with the Chief Administrative Law Judge. Where the Department files the complaint, it ~~the Department~~ shall immediately serve a Notice of Filing on aII parties.

(Source: Amended at Ill.Reg. , effective)

HUMAN RIGHTS COMMISSION

NOTICE OF PROPOSED AMENDMENTS

Section 5300.620 Service of Complaint

Within five days after a complaint is duly filed with the Commission by the Department or by an aggrieved party, the Commission shall cause it to be served on all parties either personally or by depositing copies in the mail, properly addressed and posted, for certified delivery.

(Source: Amended at Ill.Reg. , effective)

Section 5300.630 Notice of Hearing

The complaint shall be accompanied by a notice of hearing which shall state the time, place and nature of the hearing upon the complaint, the legal authority and jurisdiction under which the hearing is to be held, and a reference to the particular section of the Act and Rules involved. The hearing shall be scheduled to commence not less than thirty (30) nor more than ninety (90) days following service of the complaint, and at a site within one hundred (100) miles of the place where the act or practice complained of is alleged to have occurred; provided, however, that the hearing may be convened on any other date or at any other place upon the consent of the parties. All parties shall be notified in the Notice of Hearing of the Administrative Law Judge to whom all pleadings and other documents related to the complaint shall be directed. ~~All parties shall be notified in advance of the Administrative Law Judge who shall conduct the hearing.~~

(Source: Amended at Ill.Reg. , effective)

Section 5300.640 Answer

a) Time of Filing - Each respondent shall file an answer to the complaint within thirty (30) days of the date of service of the complaint, but the Administrative Law Judge to whom the complaint is assigned ~~conducting the hearing~~ may, upon motion and for good cause shown, grant further time for the filing of an answer. In the event a respondent files a motion to dismiss the complaint within the said thirty (30) days and said motion is denied, such respondent shall have fifteen (15) days from the date of service of an order of denial within which to file its answer. In addition, the Administrative Law Judge may require a respondent to file an answer or supplemental answer within a reasonable time following an amendment to the complaint.

HUMAN RIGHTS COMMISSION

NOTICE OF PROPOSED AMENDMENTS

b) Service - An answer, supplemental answer, or motion to dismiss or response thereto, shall be served upon all parties, and upon the Department to the attention of its General Counsel.

c) Contents - The answer shall be in writing and signed under oath or affirmation, and shall contain:

1) A specific admission or denial of, or assertion that the respondent is without sufficient knowledge or information to form a belief with respect to, each and every allegation of the complaint;

2) A statement of any matter constituting a defense against any allegations of the complaint;

3) The name, post office address and telephone number of respondent and respondent's counsel.

d) Failure to Deny Allegation - Any allegation in the complaint which is not denied or admitted in the answer shall be deemed admitted, unless the respondent shall state in the answer that it is without sufficient knowledge or information to form a belief with respect to such allegation.

e) New Matter in Answer - Any allegation of new matter contained in the answer shall be deemed denied without the necessity of a reply thereto being filed, unless a reply is ordered by the Administrative Law Judge conducting the hearing.

f) Failure to File Answer - The failure of a respondent to file an answer to the complaint as hereinabove provided shall be deemed to constitute an admission of the allegations contained in the complaint.

(Source: Amended at Ill.Reg. , effective)

Section 5300.650 Amendments to Pleadings

a) At any time prior to issuance of the Administrative Law Judge's recommended order and decision, the pleadings may

be amended for good cause shown. A motion to amend under this subsection shall be in writing, and shall state the specific amendments proposed and the reasons therefor. A motion to amend shall be served upon all parties, and upon the Department to the attention of its General Counsel.

b) Amendments to the complaint may encompass any unlawful discrimination which is like or reasonably related to the charge and grows out of the allegations in such charge, including, but not limited to, allegations of retaliation.

c)~~b)~~ A motion made prior to the close of a hearing that a pleading be amended to conform to the evidence may be addressed orally on the record to the Administrative Law Judge conducting the hearing and shall be granted for good cause shown.

d)~~c)~~ An amendment to a pleading shall relate back to the date of the filing of the original pleading.

(Source: Amended at Ill.Reg. , effective)

Section 5300.660 Substitution and Addition of Parties

a) A complaint may be amended by the complainant to substitute or name additional parties respondent if suoh parties are successors or assigns of a named respondent. Mere misnomer of a party, however, shall not be grounds for dismissal and may be cured at any time by amendment of the pleadings. A person may be added as party respondent, even if that person is not a successor or an assign of the named respondent, if the following terms and conditions are met:

1) The charge in the case was filed within 180 days after the date of the civil rights violation allegedly committed by the person sought to be added as a party respondent;

2) The failure to join the person as a party respondent was inadvertent;

3) The person sought to be added as a party respondent was given notioe of a the filing of the charge at the time the original charge was filed;

4) The nature of the original charge was such that the person sought to be added knew, within the 180-day period, that the charge grew out of a transaction or occurrence involving or concerning him or her;

5) The addition of the person sought to be named as a party respondent does not raise new factual questions which were not considered by the Department of Human Rights in its investigation; and

6) The cause of action alleged against the person sought to be made a party respondent in the case arises out of the same transaction or occurrence set out in the original complaint.

b) ~~When a party dies during pendency of the proceedings, such party's legal representative may be substituted for the deceased upon amendment of the pleadings within 90 days after notice by the Commission addressed to the deceased's last known address.~~If a party to a complaint dies, the proper party or parties may be substituted upon motion. If a motion to substitute is not filed within 90 days after the death is suggested of record, the complaint may be dismissed as to the deceased party.

c) No person shall be added as a party respondent, except as provided in this section.

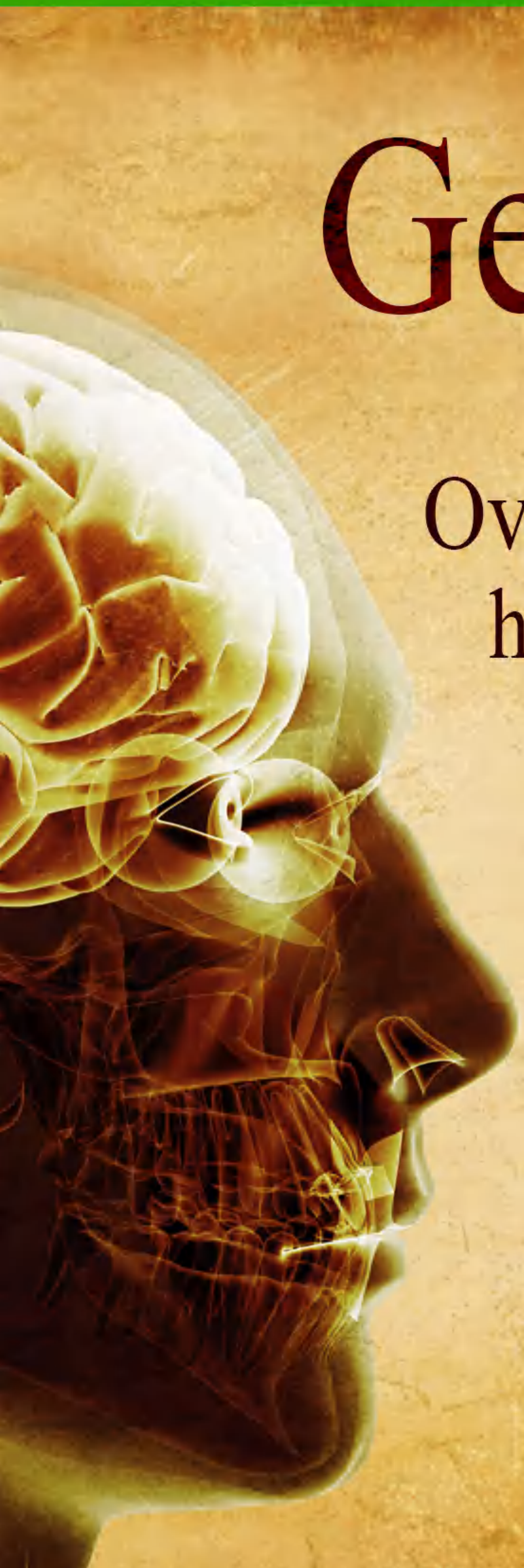
(Source: Amended at Ill.Reg. , effective)

SUBPART G: DISCOVERY AND PRACTICE

Section 5300.720 Discovery

a) Discovery shall be attainable through the following methods:

1) Written Interrogatories - A party may direct written interrogatories to any other party, serving copies of such interrogatories at the same time on all other parties. Such interrogatories shall be



Get Smart

Over 2,000 years of human knowledge in 797,885 volumes

Instant access $8.99/month

Continue

*Fair usage policy applies

HUMAN RIGHTS COMMISSION

NOTICE OF PROPOSED AMENDMENTS

a) Motions and objections directed to the Administrative Law Judge pursuant to the authority granted in Section 5300.530(b) of this Part may be stated in writing or on the record except for a motion to amend the pleadings pursuant to Section 5300.650(a) of this Part, which must be in writing.

1) A written motion shall briefly state the order or relief requested and the specific grounds upon which relief is sought.

2) A written motion shall be served at the same time upon all parties and filed at the Commission office of the Administrative Law Judge to whom it has been directed.

3) The following motions shall also be served upon the Department:

A) Motion to dismiss and any response thereto pursuant to Section 5300.640(b) of this Part.

B) Motion to amend the pleadings pursuant to Section 5300.650(a) of this Part.

C) Motion to allow a Commission or Department employee to testify at a hearing pursuant to Section 5300.750(b)(3) of this Part.

b) Except for motions to dismiss the complaint and motions for summary judgment as provided in Section 5300.730(d) of this Part, ~~answering statements~~ responses to written motions may be filed by any party within five (5) days after service of the motion, or within such other period as the Administrative Law Judge may order, and shall be served at the same time upon all other parties. In deciding whether to extend the period for responding to the motion, the Administrative Law Judge shall consider the complexity of the issues raised by the motion, and the ability of the responding party to file a response within the five-day period. Except under extraordinary circumstances, the time for responding to a motion shall not exceed forty-five (45) days. The Administrative Law Judge may, on his/her own motion or motion of the Department, enter an order permitting the Department to file a response to a written motion. In deciding whether

HUMAN RIGHTS COMMISSION

NOTICE OF PROPOSED AMENDMENTS

to allow the Department to file a response, the Administrative Law Judge shall consider:

1) Whether resolution of the motion raises issues beyond those involved in the specific case;

2) Whether the Department has an interest different from that of the complainant or respondent;

3) Whether the Department can articulate a particular point of view better than one or both parties.

c) Written motions and responses thereto should set forth the arguments and authorities relied upon to permit the Administrative Law Judge to make a decision without oral argument on the motion.

d) Except for motions to dismiss and motions for summary judgment as provided in Section 5300.730(f) of this Part and except for those motions made in the course of public hearing, all motions arising out of complaints in which the site of the alleged civil rights violation is in Cook ~~or Sangamon~~ County shall be heard at the Commission's office ~~in the county where the civil rights violation is alleged to have taken place. Written notice of hearing of such motions shall be served on all parties and also upon the Department as specified in Sections 5300.640(b), 5300.650(a), and 5300.750(b)(3) of these Rules and Regulations.~~in Chicago. Written notice of hearing on such motion shall be filed at the Commission's office in Chicago along with a copy of the motion and served upon all parties and also upon the Department as specified in Section 5300.730(a) of this Part. The notice of hearing on the motion shall show the name of the Administrative Law Judge before whom and the date and time when the motion shall be presented. The motion shall be in writing and a copy of the motion or a statement that it previously has been served shall be served with the notice. Copies of all papers to be presented to the Administrative Law Judge with the motion shall be served with the notice or the notice shall state that copies have previously been served. The moving party shall schedule the motion for hearing by entering the case name, ALS number and the nature of the motion in the motion book in the Commission's Chicago office.

1) If notice of hearing is given by personal service, the notice shall be delivered before 4:00 p.m. the second State business day preceding the hearing of the motion.

2) If notice is given by mail, the notice shall be deposited in a United States Post Office or Post Office Box on the fifth State business day preceding the hearing of the motion. The certificate of service attached to the motion will be prima facie proof of the date the notice is placed in a Post Office Box.

e) ~~The procedures set forth in Section 5300.730(d) of this Part may be utilized for motions arising from complaints in which the site of the alleged civil rights violation is outside of Cook and Sangamon counties if all parties to the complaint agree to appear for hearing of the motion at the office of the Commission in which the Administrative Law Judge assigned to the complaint is located. If the parties do not agree, the procedures set forth in subsections (a), (b), and (c) of this section shall apply.~~ All motions arising out of complaints in which the site of the alleged civil rights violation is outside Cook County shall be governed by the procedures specified in Section 5300.730(a), (b) and (c) of this Part. These motions shall not be noticed for hearing at the Commission's office in Chicago; however, if all of the parties to a complaint in which the site of the alleged discrimination is outside Cook County agree to appear for a hearing on a motion at the Commission's Chicago office, the procedure specified in Section 5300.730(d) of this Part may be utilized.

f) Regardless of the site of the alleged civil rights violation, all motions to dismiss the complaint and all motions for summary judgment shall be filed and responded to in accordance with the procedures set forth in Section 5300.730(a), (b), and (c) of this Part.

(Source: Amended at Ill.Reg. , effective)

Section 5300.735 Summary Decision

a) At any time after the service of a complaint and prior to service of a decision pursuant to Section 8B-102(J),

complainant or respondent may move with or without supporting affidavits for a summary order in the moving party's favor as to all or any part of the relief sought.

b) Procedure - The non-moving party may file counter-affidavits prior to the time of the ruling on the motion. The order sought shall be rendered without delay if the pleadings and affidavits, if any, show that there is no genuine issue as to any material fact and that the moving party is entitled to a recommended order as a matter of law. An interim summary recommended order, interlocutory in character, may be rendered on the issue of liability alone, although there is a genuine issue as to the relief to be awarded.

c) Affidavits or Motions Made in Bad Faith - If it appears to the satisfaction of the Administrative Law Judge at any time that any affidavit or motion presented pursuant to this section is presented in bad faith or solely for the purpose of delay, the Administrative Law Judge may recommend that the party employing the use of affidavits for dilatory purposes shall pay to the other party the amount of reasonable expenses incurred as a result of the filing of the affidavit or motion, including reasonable attorney's fees.

(Source: Added at Ill.Reg. , effective)

Section 5300.745 Admission of Fact or of Genuineness of Documents

a) Request for Admission of Fact - A party may serve on any other party a written request for the admission by the latter of the truth of any specified relevant fact set forth in the request.

b) Request for Admission of Genuineness of Document - A party may serve on any other party a written request for admission of the genuineness of any relevant documents described in the request. Copies of the documents shall be served with the request unless copies have already been furnished.

c) Admission in the Absence of Denial - Each of the matters of fact and the genuineness of each document of which admission is requested is admitted unless, within 28 days after service thereof, the party to whom the request is

directed serves upon the party requesting the admission either (1) a sworn statement denying specifically the matters of which admission is requested or setting forth in detail the reasons why he cannot truthfully admit or deny those matters or (2) written objections on the ground that some or all of the requested admissions are privileged or irrelevant or that the request is otherwise improper in whole or in part. If written objections to a part of the request are made, the remainder of the request shall be answered within the period designated in the request. A denial shall fairly meet the substance of the requested admission. If good faith requires that a party deny only the part, or requires qualification, of a matter of which an admission is requested, he shall specify so much of it as is true and deny only the remainder. Any objection to a request or to an answer shall be heard by the Administrative Law Judge upon prompt notice and motion of the party making the request.

d) Public Records - If any public records are to be used as evidence, the party intending to use them may prepare a copy of them insofar as they are to be used, and may reasonably present the copy to the adverse party by notice in writing, and the copy shall thereupon be admissible in evidence as admitted facts in the case if otherwise admissible, except insofar as its inaccuracy is pointed out under oath by the adverse party in an affidavit filed and served within 14 days after service of the notice.

e) Effect of Admission - Any admission made by a party pursuant to request under this rule is for the purpose of the pending action only. It does not constitute an admission to be used against the party in any other proceeding.

(Source: Added at Ill.Reg. , effective)

Section 5300.750 Hearing Procedures

a) Adverse Witness - At the hearing a witness may be called and examined as if under cross-examination in the same manner and circumstances as provided in 2-1102 of the Code of Civil Procedure ~~of the Civil Practice Law~~ (Ill.Rev.Stat.1989 ~~1983~~, ch. 110, par. 2-1102).

b) Testimony and Evidence

1) All testimony taken at the hearing shall be under oath or affirmation.

2) All testimony and other evidence shall be subject to the same rules of evidence as are applicable in courts of record in the State of Illinois.

3) Compelling Appearances of Parties at Hearing. The appearances at the hearing of a party or a person who at the time of the hearing is an officer, director, or employee of a party may be required by serving the party with a notice designating the person who is to appear. The notice also may require the production at the hearing of documents or tangible things. If the party or person is a non-resident of the county, the Administrative Law Judge may order any terms and conditions in connection with his appearance at the hearing that are just, including payment of his reasonable expenses. Upon a failure to comply with the notice, the Administrative Law Judge may enter any order that is just.

4) ~~3)~~ No Commission or Department employee shall testify on behalf of a party at a hearing with respect to the contents of any files, documents, reports, memoranda or records of the Commission or Department or of the results of any investigation conducted by the Department, except upon order of the Administrative Law Judge. A party may apply for such an order in the form of a motion and such motion shall identify the Commission or Department employee whose testimony is desired, the nature of suoh person's testimony, and the specific purpose to be served thereby. The motion will be granted only upon a showing that the information to be elicited from such testimony is admissible and cannot be obtained through other means. A motion to compel a Department employee to testify shall be served by the movant on the Department.

5) ~~4)~~ No testimony or other evidence concerning attempts to settle or adjust an alleged civil rights violation shall be given or received in any hearing without the written consent of all parties.

HUMAN RIGHTS COMMISSION

NOTICE OF PROPOSED AMENDMENTS

6)~~5)~~ Written stipulations, signed by the parties to be bound thereby, may be introduced in evidence. Oral stipulations may be made on the record.

c) Record of Proceedings - The Commission shall arrange for a record of the proceedings to be made, transcribed and filed in the Chicago or Springfield office of the Commission. Any such record will be made available for examination by the public in either the Chicago or Springfield office upon reasonable notice.

d) Briefs and Oral Argument - At the conclusion of the evidence, the Administrative Law Judge shall permit the parties to argue orally and/or submit such briefs or proposed findings of fact and conclusions of law within such time as the Administrative Law Judge may determine. The Department may request leave to file an amicus brief upon an issue presented by the record in a hearing wherein it is not a party, upon motion to the Administrative Law Judge, which motion shall be served on all parties. Such motion shall be granted, and a briefing schedule ordered, if, in the opinion of the Administrative Law Judge, the interests of justice would be served thereby. Each party filing a brief shall file it with the Administrative Law Judge and at the same time serve copies upon all other parties.

e) Sanctions for Unreasonable Conduct - Should a party fail to appear at a scheduled hearing without requesting a continuance reasonably in advance, or unreasonably refuse to comply with any order entered under Section 5300.720 of this Part, or otherwise engage in conduct which unreasonably delays or protracts proceedings, the Administrative Law Judge~~, on motion,~~ may file a recommendation of dismissal or default or other appropriate order imposing sanctions as justice may require, including requiring the offending party or attorney to pay the reasonable expenses and attorney's fees incurred by any other party as a result of the misconduct.

(Source: Amended at Ill.Reg. , effective)

HUMAN RIGHTS COMMISSION

NOTICE OF PROPOSED AMENDMENTS

Section 5300.760 Preparation of Recommended Order and Decision

Following the taking of testimony and the submission of oral argument and briefs, the Administrative Law Judge shall prepare and file with the Commission a written Recommended Order and Decision, which shall include:

a) A summary of the respective contentions of the parties;

b) Findings of fact based upon, and limited to, the testimony and other evidence of record and upon matters of which official notice may be taken pursuant to Section 12(c) of the Illinois Administrative Procedure Act (Ill.Rev.Stat.1987 ~~1981~~, ch. 127, § 1012(c);

c) A determination as to whether or not a preponderance of the evidence sustains the complaint, or each portion thereof;

d) An analysis of the case and reasoning to support the Administrative Law Judge's determination;

e) The Administrative Law Judge's recommended ~~order~~ liability determination. ~~If it is determined that the preponderance of the evidence supports the complaint, or portions thereof, the recommended order shall sustain the complaint to that extent and require the respondent to take such actions as are provided under Sections 8-108 and 8-109 of the Act. If it is determined that the preponderance of the evidence does not support the complaint, or portions thereof, the recommended order shall dismiss the complaint to that extent;~~

1) If it is determined that the preponderance of the evidence supports the complaint, or portions thereof, the recommended order shall sustain the complaint to that extent and require the respondent to take such actions as are provided under Section 8B-104 of the Act. If the complainant is entitled to an award of attorney's fees and costs pursuant to Section 8B-104(D) of the Act, the Administrative Law Judge's recommended decision shall be styled a Recommended Liability Determination and shall direct the complainant to file a petition for an award of attorney's fees pursuant to the procedure established in Section 5300.765 of this Part. Such Recommended Liability

Determination shall promptly be served upon all parties.

2) If it is determined that the complaint shall be dismissed and that the complaint was frivolous, unreasonable or groundless or that the complainant continued to litigate after it became clearly so and that the respondent is therefore entitled to an award of attorney's fees pursuant to Section 8A-102(I)(5) of the Act, the Administrative Law Judge's recommended order shall be styled a Recommended Liability Determination and shall direct the respondent to file a petition for an award of attorney's fees pursuant to the procedures established in Section 5300.765 of this Part. Such Recommended Liability Determination shall promptly be served upon all parties.

f) The Administrative Law Judge's Recommended Order and Decision

1) If it is determined that the preponderance of the evidence does not support the complaint, the Administrative Law Judge's recommended decision shall dismiss the complaint and shall constitute the Recommended Order and Decision for review by the Human Rights Commission pursuant to Sections 5300.910, et seq. of this Part.

2) Following submission of materials in connection with any petition for attorney's fees filed as directed in paragraphs (e)(1) or (e)(2) of this Section pursuant to Section 5300.765 of this Part, the Administrative Law Judge shall prepare a recommended decision which shall incorporate the Recommended Liability Determination by reference and shall include recommendations as to the amount of reasonable attorney's fees and/or costs and a discussion of the issues relevant thereto. This recommended decision shall constitute the Recommended Order and Decision for review by the Human Rights Commission pursuant to Sections 5300.910, et seq. of this Part.

3) A Recommended Order and Decision that includes a monetary award shall specify the amount recommended to be paid pursuant thereto as of the date of the

conclusion of the public hearing and the formula for calculation of supplemental monetary awards, if any.

The Commission shall promptly serve a copy of suoh Recommended Order and Decision upon all parties and the Department. Service of the Recommended Order and Decision begins the running of time for filing exceptions pursuant to Section 5300.920 of this Part. Following the issuance of the Recommended Order and Decision pursuant to paragraphs (f)(1) or (f)(2) of this Section, all pleadings, motions, or other requests shall be directed to the General Counsel of the Human Rights Commission.

(Source: Amended at Ill.Reg. , effective)

Section 5300.765 Petitions for Fees and Costs

a) Within twenty-one (21) days after the service of a Recommended Liability Determination pursuant to Section 5300.760(e)(1) or (e)(2) of this Part, the party or parties designated therein may file with the Administrative Law Judge a petition for fees and/or costs, supported by argument and affidavits. Such supporting documentation shall include the following:

1) The number of hours for which compensation is sought, itemized according to the work that was performed, the date upon which the work was performed, and the individual who performed such work;

2) The hourly rate customarily charged by each individual for whom compensation is sought and appropriate documentary support for such claimed rate. In the case of a public law office which does not charge fees, or which charges fees at less than market rate, counsel may provide documentation of the rate prevalent in the practice of law for attorneys in the same locale with comparable experience and expertise;

3) Other factors that affect the computation of fees or costs, as determined by the courts of Illinois and the decisions of the Commission;

4) Documentation of costs for which the party seeks reimbursement.

b) Copies of such petitions and supporting documents shall be served by the petitioning party on all other parties at the time of filing with the Administrative Law Judge, and proof of service shall be provided. Neither fees nor costs will be awarded in the absence of proper petition therefor.

c) Within twenty-one (21) days after the service of the petition for award of attorney's fees, all other parties may file written objections to the petition. Copies of such objections shall be served on all other parties at the time of filing with the Administrative Law Judge, and proof of service shall be provided. Failure to file such objections shall be deemed a waiver of any objections to the award of fees.

d) A party may request additional time to file a pleading governed by this Section by written motion filed with the Administrative Law Judge stating the reasons therefor. Copies thereof shall be served at the same time on all other parties. Such requests for extensions of time shall be granted where good cause is shown.

e) The Administrative Law Judge may convene a hearing to resolve contested issues and take other steps to produce a complete record with regard to a claim for fees or costs.

f) Following the submission of the petition for fees and costs and objections thereto and the completion of a hearing, if any, the Administrative Law Judge shall prepare a Recommended Order and Decision pursuant to Section 5300.760(f)(2) of this Part.

(Source: Added at Ill.Reg. , effective)

Section 5300.770 Settlement (Repealed)

~~If at any time after issuance of a complaint the parties agree to terms of settlement, such terms shall be reduced to writing, signed by parties and submitted to the Department for approval.~~

(Source: Repealed at Ill.Reg. , effective)

Section 5300.782 Authority for Sections 5300.783-530.787 (Repealed)

~~**Sections 5300.783 - 5300.787 are authorized by Sections 8-102(E), 8-106(F)(5), and 8-108(G) of the Illinois Human Rights Act; Ill.Rev.Stat.1981, ch. 68, par. 8-102(E), 8-106(F)(5), and 8-108(G).**~~

(Source: Repealed at Ill.Reg. , effective)

Section 5300.783 Fees and Costs (Repealed)

~~If the Administrative Law Judge determines that a party may be entitled to recover reasonable attorneys fees, expert witness fees, or costs pursuant to Section 8-108(G) or 8-106(F)(5) of the Act, the Administrative Law Judge shall prepare an Interim Recommended Order and Decision, which shall comply with the requirements set forth in Section 5300.760(a) through (d) of this Part. Such interim order shall designate the party or parties for whom fees or costs may be recommended and the basis for such recommendation. The Commission shall promptly serve a copy of the Interim Recommended Order and Decision on all parties. Such service will occur within ten (10) days of signature of the Administrative Law Judge on the interim order.~~

(Source: Repealed at Ill.Reg. , effective)

Section 5300.784 Motions for Fees and Costs (Repealed)

~~a) Within twenty-one (21) days after the service of the Interim Recommended Order and Decision the party or parties designated therein may file with the Administrative Law Judge a motion for fees and/or costs, supported by argument and affidavits. Such supporting documentation shall include the following:~~

~~1) The number of hours for which compensation is sought, itemized according to the work that was performed and the individual who performed such work;~~

~~2) The hourly rate customarily charged by each individual for whom compensation is sought, or in the case of a public law office which does not~~

~~charge fees, or which charges fees at less than market rates, documentation of the rates prevalent in the practice of law for attorneys in the same locale with comparable experience and expertise;~~

~~3) Other factors that affect the computation of fees or costs, as determined by the courts of Illinois and the decisions of the Commission;~~

~~4) Documentation of costs for which the party seeks reimbursement.~~

~~b) Copies of such motions and supporting documents shall be served by the petitioning party on all other parties at the time of filing with the Administrative Law Judge, and proof of service shall be provided. Neither fees nor costs will be awarded in the absence of a proper motion therefor.~~

(Source: Repealed at Ill.Reg. , effective)

Section 5300.785 Response to Motions for Fees and Costs (Repealed)

~~If a written motion for fees and/or costs is timely filed by any party to the proceedings as hereinabove provided, all other parties shall have the opportunity to file written responses and counter-arguments thereto. Such responses and counter-arguments shall be filed with the Administrative Law Judge within twenty-one (21) days after the service of such motion, and copies thereof served at the same time on all other parties.~~

(Source: Repealed at Ill.Reg. , effective)

Section 5300.786 Extensions of Time (Repealed)

~~A party may request additional time to file a pleading governed by Sections 5300.784 and 5300.785 of this Part by written motion filed with the Administrative Law Judge stating the reasons therefor. Copies thereof shall be served at the same time on all other parties. Such requests for extensions of time shall be granted where good cause is shown.~~

(Source: Repealed at Ill.Reg. , effective)

Section 5300.787 Supplemented Record (Repealed)

~~The Administrative Law Judge may convene a hearing to resolve contested issues and take other steps to produce a complete record with regard to a claim for fees or costs. Upon completion of such record the Administrative Law Judge shall rule upon all motions submitted in accordance with Section 5300.784 and shall issue a Recommended Order and Decision that shall include recommendations as to the amount of reasonable attorney fees and/or costs and a discussion of the issues relevant thereto.~~

(Source: Repealed at Ill.Reg. , effective)

SUBPART H: PRACTICE IN FRONT OF THE COMMISSION

Section 5300.825 Presentation of Motions

~~Every motion filed pursuant to this Subpart shall contain a notice of presentation on the first page thereof. The notice of presentation shall state the date upon which the motion and objections, if any, will be submitted to the Commission. The date of presentation shall be not less than fifteen (15) days after service of the said motion. It shall be the obligation of the movant to arrange with the clerk of the Commission for entry of the motion on the agenda of the full Commission or Commission panel for the date specified in the notice of presentation. Motions will be considered by the Commission on the specified date based upon the memoranda submitted by the parties.~~ Unless otherwise provided in this Part, motions shall be presented by the Commission's staff to the Commission at the first available meeting of the full Commission or the Commission panel which follows the expiration of the 10-day response period provided for in Section 5300.815. Motions will be considered by the Commission based upon the memoranda submitted by the parties. Unless it is requested by the Commission, no oral argument will be allowed on motions. If the Commission requests oral argument, it will send the parties written notice.

(Souroe: Amended at Ill.Reg. , effective)

Section 5300.865 Number of Copies

Except for ~~pleadings filed pursuant to Subpart D of this Part (~~Requests for Review~~)~~, documents presented for filing before the Commission will not be accepted unless they are accompanied by the

SAVE $3,999,994

Did you know we sell paperback books too?

To buy our entire catalog in paperback would cost over $4,000,000

Access it all now for $8.99/month

*Fair usage policy applies

Continue

HUMAN RIGHTS COMMISSION

NOTICE OF PROPOSED AMENDMENTS

Section 5300.960 Form of Pleadings and Other Papers

All exceptions, responses and other papers filed with the Commission shall conform with the provisions of Section 5300.55~~0~~40 of this Part.

(Source: Amended at Ill.Reg. , effective)

SUBPART K: ORDER AND DECISION OF THE COMMISSION

Section 5300.1145 Interest

Whenever an Order and Decision includes an award of interest pursuant to Section 8-108(J) of the Act, the amount of interest shall be calculated according to the method set forth in this Section.

a) Liability for interest begins on the first day of the calendar month following the civil rights violation. Interest shall accrue on a monthly basis thereafter. For example, if the violation occurred on June 15, liability for interest would begin on July 1, and the first month's interest would accrue on August 1.

b) The monthly rate of interest shall be 1/12 of the annual rate of interest for judgments specified in Section 2-1303 of the Code of Civil Procedure (Ill.Rev.Stat.1989, ch. 110, par. 2-1303) for the calendar year in which interest accrues.

c) The monthly rate of interest shall be multiplied by the amount of damages which accrued as of the end of the amount of damages which accrued as of the end of the last day of the month preceding the accrual of interest. For example, to calculate the amount of interest which accrues on August 1, one must multiply the monthly rate of interest by the amount of damages which accrued as of midnight on July 31.

d) Interest shall compound annually. For example, if the first month's interest accrued on August 1, 1988, the amount of monthly interest for August 1, 1989 would be calculated by adding the damages and interest which accrued as of July 31, 1989. This sum would then be multiplied by the applicable monthly rate.

HUMAN RIGHTS COMMISSION

NOTICE OF PROPOSED AMENDMENTS

e) Interest shall continue to accrue until the payment specified by the Order and Decision has been made.

(Source: Added at Ill.Reg. , effective)

Section 5300.1150 Rehearing Before Full Commission

a) Within thirty (30) days after service of the Commission's Order and Decision issued in accordance with this Article, a party may petition for rehearing before the entire Commission.

b) Such petition shall be in writing and filed at the Commission's Chicago office, with service thereof at the same time on all other parties. The petition shall clearly specify the reasons why rehearing should be granted. The Commission, at its discretion, may order that a response to the petition be filed.

c) The petition, and response, if any, shall be reviewed by the entire Commission and shall be granted only by a vote of ~~four~~ six Commissioners when it is clear that the petition raises legal issues of significant impact or that panels of the Commission have reached conflicting decisions.

d) The Commission shall issue an Order on every petition, and shall serve a oopy thereof on all parties personally or by registered or certified mail. Whenever a petition for rehearing is granted, the order shall notify the parties of the time and place of oral argument before the Commission and whether any additional written arguments will be considered. Upon the granting of the petition for rehearing, the Commission's Order and Decision will be vacated.

e) When rehearing has been granted by the Commission in a matter where the Department is not a party, the Department may request leave to file an amicus brief upon a question of law presented by the petition for rehearing upon motion to the Commission, a copy of which shall be served on all parties. Such a motion by the Department will be granted by the Commission if it is satisfied that the interests of justice would be served thereby.

HUMAN RIGHTS COMMISSION

NOTICE OF PROPOSED AMENDMENTS

f) Whenever rehearing is granted by the Commission in accordance with this Section, the Commission shall issue an order and decision en banc in the same manner as provided in Section 5300.1140.

(Source: Amended at Ill.Reg. , effective)

Section 5300.1160 Modification of Commission Order

At any time prior to a final order of the ~~Circuit~~ Court in a proceeding under Section 8-~~III~~111 of the Act, the Commission or the panel which decided the matter, upon its own motion or the motion of any party, and with due notice to all parties, may modify or set aside in whole or in part any finding or order made by it in the course of reviewing a recommended order and decision. In such event, the Commission shall issue and serve upon the parties a supplemental order and decision, in the same manner as provided in Section 5300.1140.

(Source: Amended at Ill.Reg. , effective)

DEPARTMENT OF PUBLIC AID

NOTICE OF PROPOSED AMENDMENT

1) The Heading of the Part: AID TO FAMILIES WITH DEPENDENT CHILDREN

2) Code Citation: 89 Ill. Adm. Code 112

3)

Section Number:	Proposed Action:
112.131	Amendment

4) Statutory Authority: Sections 4-1.6, 4-2 and 12-13 of the Illinois Public Aid Code (Ill. Rev. Stat. 1989, Ch. 23, Pars. 4-1.6, 4-2 and 12-13)

5) A Complete Description of the Subjects and Issues Involved: This rulemaking provides that an earned income tax credit payment is exempt when determining AFDC eligibility and the level of assistance against the 185% Standard of Need and the payment level.

6) Will this Proposed Amendment replace an Emergency Amendment currently in effect? No

7) Does this rulemaking contain an automatic repeal date?
____Yes __X__No

8) Does this Proposed Amendment contain incorporations by reference?

9) Are there any other Proposed Amendments pending on this Part? Yes

Section Numbers	Proposed Action	Illinois Register Citation
112.70	Amendment	February 15, 1991 (15 Ill. Reg. 2521)
112.74	Amendment	February 15, 1991 (15 Ill. Reg. 2521)
112.78	Amendment	February 15, 1991 (15 Ill. Reg. 2521)
112.79	Amendment	February 15, 1991 (15 Ill. Reg. 2521)
112.80	Amendment	February 15, 1991 (15 Ill. Reg. 2521)

DEPARTMENT OF PUBLIC AID

NOTICE OF PROPOSED AMENDMENT

Section Numbers	Proposed Action	Illinois Register Citation
112.82	Amendment	February 15, 1991 (15 Ill. Reg. 2521)
112.101	Amendment	June 21, 1991 (15 Ill. Reg. 8785)
112.110	Amendment	April 19, 1991 (15 Ill. Reg. 5502)
112.130	Amendment	June 21, 1991 (15 Ill. Reg. 8785)
112.151	Amendment	April 19, 1991 (15 Ill. Reg. 5502)

10) Statement of Statewide Policy Objectives: This rulemaking has no effect on local governmental units.

11) Time, Place, and Manner in which interested persons may comment on this proposed rulemaking: Any interested parties may submit comments, data, views, or arguments concerning the proposed rulemaking. All comments must be in writing and should be addressed to Anita Williams, Staff Attorney, Office of the General Counsel, Illinois Department of Public Aid, Jesse B. Harris Bldg. II, 100 South Grand Avenue East, 3rd Floor, Springfield, Illinois 62762 (217)782-1233. The Department will consider all written comments it receives within 30 days of the date of publication of this notice.

12) Initial Regulatory Flexibility Analysis: This rulemaking has no effect on small businesses.

The full text of the Proposed Amendment begins on the next page:

DEPARTMENT OF PUBLIC AID

NOTICE OF PROPOSED AMENDMENT

TITLE 89: SOCIAL SERVICES
CHAPTER I: DEPARTMENT OF PUBLIC AID
SUBCHAPTER b: ASSISTANCE PROGRAMS

PART 112
AID TO FAMILIES WITH DEPENDENT CHILDREN

SUBPART A: GENERAL PROVISIONS

Section
112.1 Description of the Assistance Program
112.5 Incorporation By Reference

SUBPART B: NON-FINANCIAL FACTORS OF ELIGIBILITY

Section
112.8 Caretaker Relative
112.9 Client Cooperation
112.10 Citizenship
112.20 Residence
112.30 Age
112.40 Relationship
112.50 Living Arrangement
112.52 Social Security Numbers
112.54 Assignment of Medical Support Rights
112.60 Lack of Parental Support or Care
112.61 Death of a Parent
112.62 Incapacity of a Parent
112.63 Continued Absence of a Parent
112.64 Unemployment of the Parent

SUBPART C: PROJECT CHANCE

Section
112.70 Participation Requirements For Project Chance
112.71 Individuals Exempt From Project Chance
112.72 Project Chance Participation/Cooperation Requirements
112.73 Failure to Participate with the Work Incentive Demonstration Program (Renumbered)
112.74 Project Chance Initial Assessment Process/Development of an Employability Plan
112.76 Project Chance Orientation
112.77 Conciliation and Fair Hearings
112.78 Project Chance Components
112.79 Project Chance Sanctions
112.80 Good Cause for Failure to Comply With Project Chance Participation Requirements
112.81 Responsible Relative Eligibility For Project Chance

DEPARTMENT OF PUBLIC AID

NOTICE OF PROPOSED AMENDMENT

DEPARTMENT OF PUBLIC AID

NOTICE OF PROPOSED AMENDMENT

DEPARTMENT OF PUBLIC AID

NOTICE OF PROPOSED AMENDMENT

AUTHORITY: Implementing Article IV and authorized by Section 12-13 of the Illinois Public Aid Code (Ill. Rev. Stat. 1989, ch. 23, pars. 4-1 et seq. and 12-13)

SOURCE: Filed effective December 30, 1977; peremptory amendment at 2 Ill. Reg. 17, p. 117, effective February 1, 1978; amended at 2 Ill. Reg. 31, p. 134, effective August 5, 1978; emergency amendment at 2 Ill. Reg. 37, p. 4, effective August 30, 1978, for a maximum of 150 days; peremptory

DEPARTMENT OF PUBLIC AID

NOTICE OF PROPOSED AMENDMENT

amendment at 2 Ill. Reg. 46, p. 44, effective November 1, 1978; peremptory amendment at 2 Ill. Reg. 46, p. 56, effective November 1, 1978; emergency amendment at 3 Ill. Reg. 16, p. 41, effective April 9, 1979, for a maximum of 150 days; emergency amendment at 3 III. Reg. 28, p. 182, effective July 1, 1979, for a maximum of 150 days; amended at 3 Ill. Reg. 33, p. 399, effective August 18, 1979; amendment at 3 Ill. Reg. 33, p. 415, effective August 18, 1979; amended at 3 III. Reg. 38, p. 243, effective September 21, 1979, peremptory amendment at 3 Ill. Reg. 38, p. 321, effective September 7, 1979; amended at 3 III. Reg. 40, p. 140, effective October 6, 1979; amended at 3 III. Reg. 46, p. 36, effective November 2, 1979; amended at 3 Ill. Reg. 47, p. 96, effective November 13, 1979; amended at 3 III. Reg. 48, p. 1, effective November 15, 1979; peremptory amendment at 4 Ill. Reg. 9, p. 259, effective February 22, 1980; amended at 4 III. Reg. 10, p. 258, effective February 25, 1980; amended at 4 III. Reg. 12, p. 551, effective March 10, 1980; amended at 4 III. Reg. 27, p. 387, effective June 24, 1980; emergency amendment at 4 Ill. Reg. 29, p. 294, effective July 8, 1980, for a maximum of 150 days; amended at 4 Ill. Reg. 37, p. 797, effective September 2, 1980; amended at 4 III. Reg. 37, p. 800, effective September 2, 1980; amended at 4 III. Reg. 45, p. 134, effective October 27, 1980; amended at 5 III. Reg. 766, effective January 2, 1981; amended at 5 III. Reg. 1134, effective January 26, 1981; peremptory amendment at 5 Ill. Reg. 5722, effective June I, 1981; amended at 5 Ill. Reg. 707I, effective June 23, I98I; amended at 5 Ill. Reg. 7104, effective June 23, I98I; amended at 5 III. Reg. 8041 effective July 27, 1981; amended at 5 Ill. Reg. 8052, effective July 24, 1981; peremptory amendment at 5 Ill. Reg. 8106, effective August 1, 1981; peremptory amendment at 5 Ill. Reg. 10062, effective October 1, 1981; peremptory amendment at 5 Ill. Reg. 10079, effective October 1, 1981; peremptory amendment at 5 Ill. Reg. 10095, effective October 1, 1981; peremptory amendment at 5 Ill. Reg. 10113, effective October 1, 1981; peremptory amendment at 5 Ill. Reg. 10124, effective October I, I98I; peremptory amendment at 5 Ill. Reg. 10131, effective October 1, I98I; amended at 5 III. Reg. 10730, effective October 1, I98I; amended at 5 III. Reg. 10733, effective October 1, I98I; amended at 5 III. Reg. 10760, effective October 1, I98I; amended at 5 III. Reg. 10767, effective October I, I98I; peremptory amendment at 5 Ill. Reg. 11647, effective October 16, 1981; peremptory amendment at 6 Ill. Reg. 611, effective January 1, 1982, amended at 6 Ill. Reg. 1216, effective January 14, 1982; emergency amendment at 6 Ill. Reg. 2447, effective March 1, 1982, for a maximum of 150 days; peremptory amendment at 6 Ill. Reg. 2452, effective February 11, 1982; peremptory amendment at 6 III. Reg. 6475, effective May 18, 1982;

DEPARTMENT OF PUBLIC AID

NOTICE OF PROPOSED AMENDMENT

peremptory amendment at 6 Ill. Reg. 6912, effective May 20, 1982; emergency amendment at 6 Ill. Reg. 7299, effective June 2, 1982, for a maximum of 150 days; amended at 6 Ill. Reg. 8115, effective July 1, 1982; amended at 6 Ill. Reg. 8142, effective July 1, 1982; amended at 6 Ill. Reg. 8159, effective July 1, 1982; amended at 6 Ill. Reg. 10970, effective August 26, 1982; amended at 6 Ill. Reg. 11921, effective September 21, 1982; amended at 6 III. Reg. 12293, effective October 1, 1982; amended at 6 Ill. Reg. 12318, effective October 1, 1982; amended at 6 Ill. Reg. 13754, effective November 1, 1982; rules repealed, new rules adopted and codified at 7 Ill. Reg. 907, effective January 11, 1983; rules repealed and new rules adopted and codified at 7 Ill. Reg. 2720, effective February 28, 1983; amended (by adding Sections being codified with no substantive change) at 7 Ill. Reg. 5195; amended at 7 Ill. Reg. 11284, effective August 26, 1983; amended at 7 Ill. Reg. 13920, effective October 7, 1983; amended at 7 Ill. Reg. 15690, effective November 9, 1983; amended (by adding sections being codified with no substantive change) at 7 Ill. Reg. 16105; amended at 7 Ill. Reg. 17344, effective December 21, 1983; amended at 8 Ill. Reg. 213, effective December 27, 1983; emergency amendment at 8 Ill. Reg. 569, effective January 1, 1984, for a maximum of 150 days; amended at 8 Ill. Reg. 4176, effective March 19, 1984; amended at 8 Ill. Reg. 5207, effective April 9, 1984; amended at 8 Ill. Reg. 7226, effective May 16, 1984; amended at 8 Ill. Reg. 11391, effective June 27, 1984; amended at 8 Ill. Reg. 12333, effective June 29, 1984; amended (by adding sections being codified with no substantive change) at 8 Ill. Reg. 17894; peremptory amendment at 8 Ill. Reg. 18127, effective October 1, 1984; peremptory amendment at 8 Ill. Reg. 19889, effective October 1, 1984; amended at 8 Ill. Reg. 19983, effective October 3, 1984; emergency amendment at 8 Ill. Reg. 21666, effective October 19, 1984 for a maximum of 150 days; amended at 8 Ill. Reg. 21621, effective October 23, 1984; amended at 8 III. Reg. 25023, effective December 19, 1984; amended at 9 Ill. Reg. 282, effective January 1, 1985; amended at 9 Ill. Reg. 4062, effective March 15, 1985; amended at 9 III. Reg. 8155, effective May 17, 1985; emergency amendment at 9 Ill. Reg. 10094, effective June 19, 1985, for a maximum of 150 days; amended at 9 Ill. Reg. 11317, effective July 5, 1985; amended at 9 Ill. Reg. 12795, effective August 9, 1985; amended at 9 Ill. Reg. 15887, effective October 4, 1985; amended at 9 Ill. Reg. 16277, effective October 11, 1985; amended at 9 Ill. Reg. 17827 effective November 18, 1985; emergency amendment at 10 Ill. Reg. 354, effective January 1, 1986, for a maximum of 150 days; amended at 10 Ill. Reg. 1172, effective January 10, 1986; amended at 10 Ill. Reg. 3641, effective January 30, 1986; amended at 10 Ill. Reg. 4885,

DEPARTMENT OF PUBLIC AID

NOTICE OF PROPOSED AMENDMENT

effective March 7, 1986; amended at 10 Ill. Reg. 8118, effective May 1, 1986; amended at 10 Ill. Reg. 10628, effective June, 1, 1986; amended at 10 Ill. Reg. 11017, effective June 6, 1986; Sections 112.78 through 112.86 and 112.88 recodified to 89 Ill. Adm. Code 160 at 10 Ill. Reg. 11928; emergency amendment at 10 Ill. Reg. 12107, effective July 1, 1986, for a maximum of 150 days; amended at 10 Ill. Reg. 12650, effective July 14, 1986; amended at 10 Ill. Reg. 14681, effective August 29, 1986; amended at 10 Ill. Reg. 15101, effective September 5, 1986; amended at 10 Ill. Reg. 15621, effective September 19, 1986; amended at 10 Ill. Reg. 21860, effective December 12, 1986; amended at 11 Ill. Reg. 2280, effective January 16, 1987; amended at 11 Ill. Reg. 3140, effective January 30, 1987; amended at 11 Ill. Reg. 4682, effective March 6, 1987; amended at 11 Ill. Reg. 5223, effective March 11, 1987; amended at 11 Ill. Reg. 6228, effective March 20, 1987; amended at 11 Ill. Reg. 9927, effective May 15, 1987; amended at 11 Ill. Reg. 12003, effective November 1, 1987; emergency amendment at 11 Ill. Reg. 12432, effective July 10, 1987, for a maximum of 150 days; amended at 11 Ill. Reg. 12908, effective July 30, 1987; emergency amendment at 11 Ill. Reg. 12935, effective August 1, 1987, for a maximum of 150 days; amended at 11 Ill. Reg. 13625, effective August 1, 1987; amended at 11 Ill. Reg. 14755, effective August 26, 1987; amended at 11 Ill. Reg. 18679, effective November 1, 1987; emergency amendment at 11 Ill. Reg. 18781, effective November 1, 1987, for a maximum of 150 days; amended at 11 Ill. Reg. 20114, effective December 4, 1987; Sections 112.90 and 112.95 recodified to Sections 112.52 and 112.54 at 11 Ill. Reg. 20610; amended at 11 Ill. Reg. 20889, effective December 14, 1987; amended at 12 Ill. Reg. 844, effective January 1, 1988; emergency amendment at 12 Ill. Reg. 1929, effective January 1, 1988, for a maximum of 150 days; amended at 12 Ill. Reg. 2126, effective January 12, 1988; SUBPARTS C, D and E recodified to SUBPARTS G, H and I at 12 Ill. Reg. 2136; amended at 12 Ill. Reg. 3487, effective January 22, 1988; amended at 12 Ill. Reg. 6159, effective March 18, 1988; amended at 12 Ill. Reg. 6694, effective March 22, 1988; amended at 12 Ill. Reg. 7336, effective May 1, 1988; amended at 12 Ill. Reg. 7673, effective April 20, 1988; amended at 12 Ill. Reg. 9032, effective May 20, 1988; amended at 12 Ill. Reg. 10481, effective June 13, 1988; amended at 12 Ill. Reg. 14172, effective August 30, 1988; amended at 12 Ill. Reg. 14669, effective September 16, 1988; amended at 13 Ill. Reg. 70, effective January 1, 1989; amended at 13 Ill. Reg. 6017, effective April 14, 1989; amended at 13 Ill. Reg. 8567, effective May 22, 1989; amended at 13 Ill. Reg. 16006, effective October 6, 1989; emergency amendment at 13 Ill. Reg. 16142, effective October 2, 1989, for a maximum of 150 days;

DEPARTMENT OF PUBLIC AID

NOTICE OF PROPOSED AMENDMENT

emergency expired March 1, 1990; amended at 14 Ill. Reg. 705, effective January 1, 1990; amended at 14 Ill. Reg. 3170, effective February 13, 1990; amended at 14 Ill. Reg. 3575, effective February 23, 1990; amended at 14 Ill. Reg. 6306, effective April 16, 1990; amended at 14 Ill. Reg. 10379, effective June 20, 1990; amended at 14 Ill. Reg. 13652, effective August 10, 1990; amended at 14 Ill. Reg. 14140, effective August 17, 1990; amended at 14 Ill. Reg. 16937, effective September 30, 1990; emergency amendment at 15 Ill. Reg. 338, effective January 1, 1991, for a maximum of 150 days; emergency amendment at 15 Ill. Reg. 2862, effective February 4, 1991, for a maximum of 150 days; amended at 15 Ill. Reg. 5275, effective April 1, 1991; amended at 15 Ill. Reg. 5684, effective April 10, 1991; amended at 15 Ill. Reg. _____, effective _____.

NOTE: CAPITALIZATION DENOTES STATUTORY LANGUAGE.

SUBPART G: FINANCIAL FACTORS OF ELIGIBILITY

Section 112.131 Earned Income Tax Credit

~~a) In determining eligibility against the 185% Standard of Need (see 89 Ill. Adm. Code 111.101), the amount of earned income tax credit which the client receives as advanced payment or as a refund of federal income taxes shall not be exempt.~~

b) In determining eligibility and level of assistance against the 185% Standard of Need and the payment level, the amount of earned income tax credit which the client receives as advance payment or as a refund of federal income taxes shall be exempt.

(Source: Amended at 15 Ill. Reg. _____, effective _____)

TEACHERS' RETIREMENT SYSTEM OF THE STATE OF ILLINOIS

NOTICE OF PROPOSED AMENDMENTS

1) Heading of the Part: The Administration and Operation of the Teachers Retirement System

2) Code Citation: 80 Ill. Adm. Code 1650

3)

Section Numbers:	Proposed Action:
1650.180	Amendment
1650.210	Amendment
1650.230	Amendment
1650.270	Amendment
1650.320	Amendment
1650.325	Amendment
1650.410	Amendment
1650.440	Amendment
1650.450	Amendment

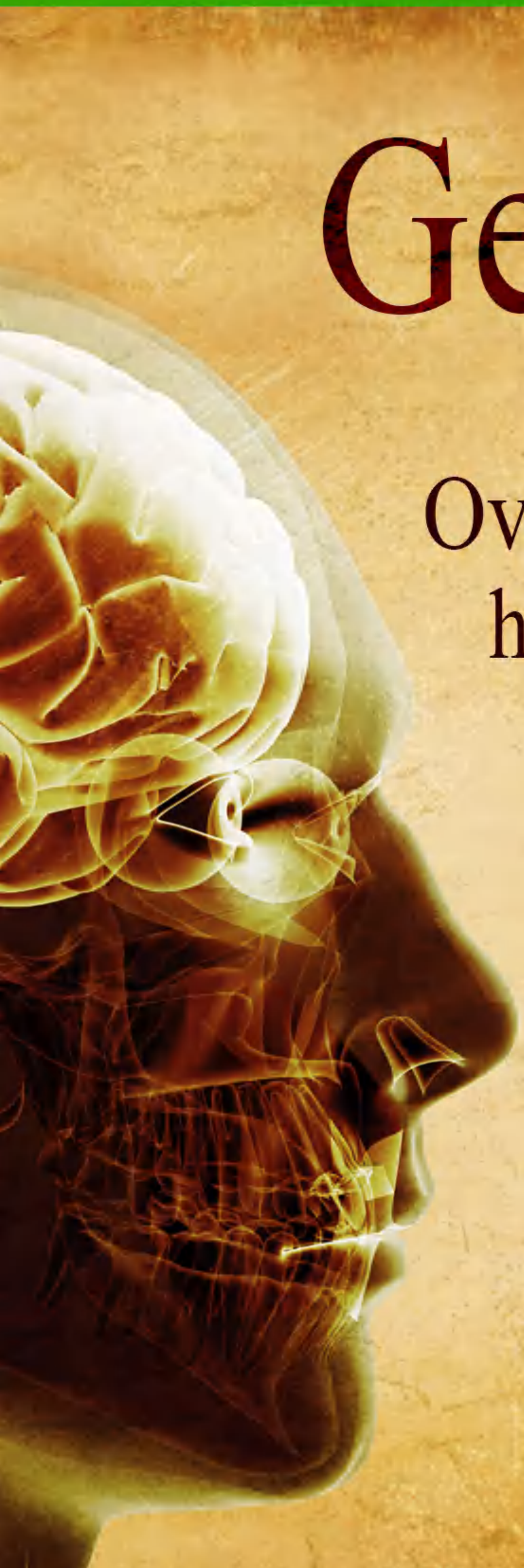
4) Statutory Authority: Ill. Rev. Stat., 1987 and 1988 Supp., ch. 108 1/2, pars 16-106; 16-118; 16-121; 16-127; 16-130; 16-136; 16-149; 16-149.1; 16-149.2; 16-150; 16-155; 16-168; 16-192.

5) A complete description of the Subjects and Issues Involved:

1650.180 Amends from two to four the number of days after a privately metered postmark date that employer reports are considered timely received by the System. Amends punctuation.

1650.210 Provides method and effective date for transfers from disability retirement to age retirement. Provides for reinstatement to disability retirement if attempted resumption of teaching fails based on recurrence of same disability within 90 days. The transfer to age retirement and the availability of reinstatement of benefits based on recurrence were previously not available to recipients of a disability retirement annuity. Changes conform to statutory revisions.

1650.230 Defines with particularity the term "gainfully employed" as used in the rule governing medical examinations and investigations of claims for disability benefits.



Get Smart

Over 2,000 years of human knowledge in 797,885 volumes

Instant access $8.99/month

Continue

*Fair usage policy applies

TEACHERS' RETIREMENT SYSTEM OF THE STATE OF ILLINOIS

NOTICE OF PROPOSED AMENDMENTS

TITLE 80: PUBLIC OFFICIALS AND EMPLOYEES
SUBTITLE D: RETIREMENT SYSTEMS
CHAPTER III: TEACHERS' RETIREMENT SYSTEM OF THE STATE OF ILLINOIS

PART 1650
THE ADMINISTRATION AND OPERATION OF THE TEACHERS' RETIREMENT SYSTEM

SUBPART A: REPORTS BY BOARD OF TRUSTEES

SUBPART B: BASIC RECORDS AND ACCOUNTS

SUBPART C: FILING OF CLAIMS

SUBPART D: MEMBERSHIP AND SERVICE CREDITS

TEACHERS' RETIREMENT SYSTEM OF THE STATE OF ILLINOIS

NOTICE OF PROPOSED AMENDMENTS

SUBPART E: CONTRIBUTION CREDITS AND PAYMENTS

SUBPART F: RULES GOVERNING ANNUITANTS AND BENEFICIARIES

SUBPART G: ATTORNEY GENERALS' OPINION

SUBPART H: ADMINISTRATIVE REVIEW

TEACHERS' RETIREMENT SYSTEM OF THE STATE OF ILLINOIS

NOTICE OF PROPOSED AMENDMENTS

SUBPART I: RULES OF ORDER

AUTHORITY: Implementing and authorized by Sections 16-106, 16-118, 16-121, 16-125, 16-130, 16-133, 16-136, 16-149, 16-149.1, 16-149.2, 16-150, 16-153.2, 16-155, 16-168 and 16-192 of the Illinois Pension Code (Ill. Rev. Stat. 1989, ch. 108 1/2, pars. 16-106, 16-118, 16-121, 16-125, 16-130, 16-133, 16-136, 16-149, 16-149.1, 16-149.2, 16-150, 16-153.2, 16-155, 16-168 and 16-192).

SOURCE: Filed June 20, 1958; emergency rules adopted at 2 Ill. Reg. 49, p. 249, effective November 29, 1978, for a maximum of 150 days; adopted at 3 Ill. Reg. 9, p. 1, effective March 3, 1979; codified at 8 Ill. Reg. 16350; amended at 9 Ill. Reg. 20885, effective December 17, 1985; amended at 12 Ill. Reg. 16896, effective October 3, 1988; amended at 14 Ill. Reg. 18305, effective October 29, 1990; amended at ____ Ill. Reg. _____, effective _____.

TEACHERS' RETIREMENT SYSTEM OF THE STATE OF ILLINOIS

NOTICE OF PROPOSED AMENDMENTS

Section 1650.180 Filing Requirements - Penalty Provisions

a) All employers are required to forward member contributions to the System after the close of each pay period or monthly, if a State Institution, and to file an annual report of earnings with the System on or before August 15 of each year. Failure to forward contributions or to file reports shall result in penalties prescribed by Section 16-155 of the Illinois Pension Code. (The Act.)
(Ill. Rev. Stat. 1987, ch. 108 1/2, par. 16-155).
b) Effective July 1, 1988, in administering the penalty for late filing of the employer's annual report of earnings prescribed by Section 16-155(c) of the Act, the postmark date is deemed to be the date of receipt. If the postmark is made other than by the U.S. Post Office, such as a postage meter, the postmark must show a date on or before the date the material was to be received in an office of the System and must be received no later than two four days after the date shown.
c) Envelopes must be properly addressed to the System if the reports are to be considered filed timely, with correct postage paid by the employer.

(Source: Amended at ____ Ill. Reg. _____, effective _____)

SUBPART C: FILING OF CLAIMS

Section 1650.210 Claim Applications

a) Any individual claiming a retirement annuity, a disability retirement annuity, a survivor benefit, a disability benefit or an occupational disability benefit shall file an application therefor in the form prescribed by the System. This application, together with the membership record, and such other information as may have been compiled during the membership of the member or submitted by the applicant shall constitute the complete record forming the basis of the claim. An application for survivor benefits shall be accompanied by a certified copy of the death certificate, other public record of death, or a physician's certificate. The applicant for a survivor benefit shall furnish proof of heirship, such as a court order or an affidavit of heirship.
b) When 90 or more days have elapsed subsequent to the commencement of a member's disability, oral or written notification of the disability shall be deemed sufficient to commence accrual of

benefits. Provided, however, if the System fails to receive the documentation required by Section 16-149 or Section 16-149.1 of the Act within six months of the initial notification no benefits will accrue until that documentation is received by the System.

c) Disability benefits become payable the later of:
   1) The 31st calendar day after commencement of absence due to disability;
   2) Upon exhaustion of the member's sick leave or (if sick leave not paid by employer) when the sick leave would have been exhausted had the member been paid; or
   3) The date the System receives notification of disability if more then 90 days after commencement.

d) When an individual claiming disability benefits is employed under an agreement for less than 12 full months, neither the 31-day waiting period nor the utilization of sick leave requirement, as contained in subsection (c), is satisfied during periods not covered by the agreement. For purposes of granting disability benefits it will be presumed that all employment agreements cover one full school term and are automatically renewable at the commencement of the next school term. Satisfactory evidence must be presented of an employment agreement covering a longer period than a full school term (e.g., 10, 11 or 12 months). Satisfactory evidence will consist of a written statement from the employer.

e) Occupational disability benefits become payable the later of:
   1) The date the System receives notification of disability if more than 90 days after commencement; or
   2) Upon the exhaustion of the member's sick leave or when the sick leave would have been exhausted had the member been paid.

f) When an individual claiming occupational disability benefits is employed under an agreement for less than 12 full months, the utilization of sick leave requirement in subsection (e) is not satisfied during periods not covered by the agreement. The same presumptions and evidentiary requirements regarding the terms of the employment agreement will be applied under this subsection (f) as under subsection (d) above.

g) Receipt by the System of an application for a retirement annuity and any outstanding payments terminates membership in the System. The death of an applicant is deemed death-out-of service when calculating survivor benefits.

h) A member may request, in writing, a transfer from a disability benefit to a disability retirement annuity prior to the expiration of the eligible period for disability benefits. The effective date of the disability retirement annuity shall be the first of the month following receipt of the request. A member receiving a disability retirement annuity may, any time after becoming eligible for age retirement, request in writing a transfer to an age retirement annuity. The effective date of the age retirement annuity will be the first day of the month following receipt of the written request for such transfer.

i) Whenever a member resumes teaching after receipt of a disability benefit, disability retirement annuity or occupational disability benefit but is subsequently disabled for the same cause within 90 days, benefits shall be reinstated at the previous rate upon written application. Benefits will commence the day following the last day the member is paid by his or her employer.

(Source: Amended at ___ Ill. Reg. _____, effective _____)

Section 1650.230 Medical Examinations and Investigations of Claims

a) Each member seeking a disability benefit, occupational disability benefit, or a disability retirement annuity shall provide the System with written reports by two or more licensed and practicing physicians certifying that the member is disabled and unable to properly perform the duties of his or her position. Provided, however, in the case of disability due to pregnancy, the member shall provide the System with a written report by one licensed and practicing physician certifying that she is disabled and unable to perform the duties of her position.

b) In order to substantiate the member's or the annuitant's continued eligibility for disability benefits, occupational disability benefit, or a disability retirement annuity, the System shall require that the member or annuitant submit to additional medical examinations and shall request hospital records; Department of Employment Security earning statements; Social Security benefit payment information; income tax records; and other pertinent information, under the following circumstances:
   I) There is disagreement among examining physicians;

TEACHERS' RETIREMENT SYSTEM OF THE STATE OF ILLINOIS

NOTICE OF PROPOSED AMENDMENTS

2) The medical examinations were inadequate to substantiate continued disability. A medical examination is considered inadequate when:
   A) a report is incomplete; or
   B) a report was not completed within the last three months; or
   C) the duration of disability is shorter than the period between the date of the medical examination and the date of the submittal of the report.
3) There is evidence an impartial medical examination was not performed. An impartial medical exam is not performed when the physician is:
   A) related to the teacher; or
   B) a friend of the teacher.
4) There is a reasonable basis to believe the member is no longer disabled. A reasonable basis exists when:
   A) the System receives statements by third parties that the teacher was engaged in activities which would be prohibited by his or her stated disability; or
   B) the System receives inquiries by teachers receiving a disability benefit, disability retirement annuity or occupational disability benefit regarding the work which they may perform.
5) The member is found to be gainfully employed. The term "gainfully employed" shall be construed to mean:
   A) any compensation which exceeds $500 in any month for personal services, including fees, wages, salary, commissions, and similar items;
   B) any income which exceeds $500 in any month derived from the participation in a business activity through the performance of physical and/or mental activities generally performed for the production of income; and
   C) shall be computed on a gross rather than net basis (i.e. no deduction of any kind including but not limited to deductions for losses, expenses, taxes or withholding will be considered in such computation).

c) Members or annuitants in receipt of a disability benefit or occupational disability benefit shall be requested to submit to medical examinations at least once each year. When a disability benefit terminates, and a member requests retirement on a disability retirement annuity, the member shall submit to a medical examination, unless the member was examined within the preceding six months, in which case no new medical examinations are required.

TEACHERS' RETIREMENT SYSTEM OF THE STATE OF ILLINOIS

NOTICE OF PROPOSED AMENDMENTS

d) The System retains the right to require members or annuitants to submit to medical examinations by physicians selected by the System, at its own expense. These examinations may be in addition to the written reports tendered by the member or the annuitant. Such examinations shall be required when prior medical examinations were inadequate, when there is a question regarding the independence of the physician or when the forms are not completed properly.
e) Failure of a member or an annuitant to submit to medical examination, or to provide the information required pursuant to Sections 16-149 through 16-149.2 of the Act shall result in suspension of payments.
f) The term "licensed physician" means any individual licensed by the State in which they practice as a medical doctor. All licensed physicians shall be requested to submit their registration number on all reports submitted to the System.

(Source: Amended at ___ Ill. Reg. _____, effective _____)

Section 1650.270 Evidence of Dependency

For the purposes of the reversionary annuity provided in Article 16-136 of the ~~Illinois Pension Code~~ Act, the term "dependent" shall include a spouse, an unmarried or adopted child under age 18; or an unmarried child of any age who has been adjudged disabled pursuant to Article XIa of the Probate Act of 1975 except such child receiving benefits under Article III of the Illinois Public Aid Code ~~or parent of the retiring member~~, if designated by the retiring member, without further proof of dependency. If any individual other than a spouse, or dependent child ~~or parent~~ is designated by the retiring member, the retiring member must furnish the System with evidence that the retiring member provided over 50% of the support of the designated individual during the 12 calendar months immediately preceding retirement. A copy of the member's federal income tax return filed for the year claiming the person as a dependent, shall be accepted as evidence of dependency.

(Source: Amended at ___ Ill. Reg. _____, effective _____)

Section 1650.320 Method of Calculating Service Credits

a) No more than one year's service credit shall be granted for total service rendered between July 1 of one year through June 30 of the following year.

TEACHERS' RETIREMENT SYSTEM OF THE STATE OF ILLINOIS

NOTICE OF PROPOSED AMENDMENTS

b) If the service rendered on a a full-time basis, substitute basis, or part-time basis after June 30, 1990 ~~(except permanent and continuous part-time basis prior to July 1, 1990)~~ is less than 170 days between July 1 of one year through June 30 of the following year, then credit for service shall be at a ratio of the actual number of days of service to 170 days ~~the number of days in the legal school term or the member's employment agreement, whichever is greater~~.

c) Service credit for service rendered on a permanent and continuous part-time basis prior to July 1, 1990, between July 1 of one year through June 30 of the following year, shall be at the ratio of creditable earnings to the annual salary rate. Provided, however, that for service after June 30, 1959, if such ratio equals or exceeds the ratio of 170 days to the days in the legal school term, one year of service credit shall be granted.

d) If service prior to July 1, 1990 is rendered partially on a full-time basis and partially on a permanent and continuous part-time basis between July 1 of one year through June 30 of the following year, then credit for service shall be at the ratio of creditable earnings to the annual salary rate. Provided, however, that for service after June 30, 1959, if such ratio equals or exceeds the ratio of 170 days to the days in the legal school term, one year of service credit shall be granted.

e) Whenever the actual number of days of service is unavailable because of lack of employer records, the number of days the system uses to grant service credit shall be equal to the actual number of hours for which the member was paid, divided by four.

(Source: Amended at ___ Ill. Reg. _____, effective _____)

Section 1650.325 Method of Calculating Service Credit for Recipients of a Disability Benefits or Occupational Disability Benefit

a) Service credit is earned during periods in which disability benefits are paid.

b) Service credit is earned during periods of occupational disability.

c) When a member teaches a partial school year and receives disability or occupational disability benefits a partial school year, one full year of service credit is earned when the member receives earnings from teaching and disability or occupational disability benefits for a total of 170 days during the school term or the term of the employment agreement if longer.

TEACHERS' RETIREMENT SYSTEM OF THE STATE OF ILLINOIS

NOTICE OF PROPOSED AMENDMENTS

d) ~~When a member's disability or occupational disability occurs in one school year and the disability or occupational disability benefit becomes payable the following school year,~~ One full year of service credit is earned when the member receives earnings from disability or occupational disability benefits for a total of 170 days during the school term (or the term of the employment agreement if longer) with the last employer prior to the commencement of disability or occupational disability benefits.

(Source: Amended at ___ Ill. Reg. _____, effective _____)

SUBPART E: CONTRIBUTION CREDITS AND PAYMENTS

Section 1650.410 Refunds for Duplicate Service

a) In the event contributions to the System are made in error for service covered by another public employee pension system in Illinois, a refund of such contributions shall be made.

b) If a member contributes to the System for ~~out-of-system~~ optional teaching service, but is unable to claim all of this service at the date of retirement, then a refund of contributions for ~~such excess out-of-system~~ service shall be paid to the member. Regular interest as defined in Section 16-112 of the Act shall be paid for the period from the date of ~~complete~~ payment of contributions for ~~out-of-system~~ optional teaching service to the end of the month ~~preceding application for benefits~~ in which the refund is processed.

(Source: Amended at ___ Ill. Reg. _____, effective _____)

Section 1650.440 Small Deficiencies, Credits or Death Benefit Payments

No statements for an account receivable, account payable, death benefit payments, or refunds shall be charged or issued to members, annuitants, beneficiaries or employers for deficiencies, credits or payments, amounting to less than $25.00 unless demanded. No correction to an annuity shall be made where the correction results in an increase or decrease of less than $1.00 per month.

(Source: Amended at ___ Ill. Reg. _____, effective _____)

TEACHERS' RETIREMENT SYSTEM OF THE STATE OF ILLINOIS

NOTICE OF PROPOSED AMENDMENTS

Section 1650.450 Definition of Salary

a) Any ~~recognized~~ emolument of value recognized by the System that is received, actually or constructively, by a member in consideration for services rendered as a teacher, within all applicable limits and restrictions on qualified pension plans contained in the Internal Revenue Code, 26 U.S.C., at §401(a) et seq. Subsection (b) of this Section lists the more common elements of compensation that are recognized by the System as "salary," for purposes of illustration. For further illustration, subsection (c) mentions several examples of items not recognized by the System as "salary." However, "salary" within the meaning of Section 16-121 of the Act is not limited to the items so enumerated.

b) Examples of salary amounts to be reported to the System include:

1) The gross amount of wages or compensation earned or accruing to the member during the legal school term or the length of his or her employment agreement, whichever is greater, in a function requiring certification as a teacher, and payable by the employer at termination of service, ~~up to the limit that can be taken into account under Section 415 of the Internal Revenue Code's (26 U.S.C. 415) limitations on qualified pension plans~~;

2) Wages or compensation for overtime or extra service;

3) The amount payable, exclusive of court costs, attorney's fees and punitive damages, as a result of a settlement or judgment obtained due to a disputed dismissal, suspension or demotion; provided that the salary amount reported to the System under this subsection shall be equal to that which the member would have earned had the dispute not occurred.

4) Severance pay e.g., retirement incentives, lump sum bonuses, payments for unused vacation and sick days) received by member or becoming due and payable to member

prior to or concurrent with receipt of final paycheck for regular earnings;

5) Contributions made by or on behalf of the member to deferred compensation plans, salary reduction plans or tax sheltered annuities; and

6) Amounts that would otherwise qualify as salary and wages under (b)(1) through (b)(5) of this subsection but are not received directly by the member because they are used to finance benefit options in a flexible benefit plan; provided, however, that to be reportable, a flexible benefit plan must be available to all teachers on a non-discriminatory basis.

TEACHERS' RETIREMENT SYSTEM OF THE STATE OF ILLINOIS

NOTICE OF PROPOSED AMENDMENTS

c) Examples of amounts not to be reported to the System include:

1) Any severance payment (e.g., retirement incentives, lump sum bonuses, payments for unused vacation and sick days) becoming due and payable to member subsequent to receipt of final paycheck for regular earnings;

2) Any lump sum payment made after the death of the member;

3) Expense reimbursements, expense allowances, or fringe benefits unless included in a reportable flexible benefit plan;

4) Any monies received by the member under the Workers' Compensation Act or the Workers' Occupational Diseases Act;

5) Any amount paid by an employer in lieu of previously nonreportable earnings or benefits or reported in lieu of previously non-reported compensation ~~which are converted to reportable earnings~~ where the conversion occurs in the last years of service for the purpose of increasing and one of the purposes is to increase a member's average salary. If the member's non-creditable or non-reported compensation in any of the last seven creditable school years of employment exceeds that of any other subsequent year, the System will presume the difference, unless resulting from the terms of a collective bargaining agreement, to have been converted into salary and wages in the subsequent year for the purpose of increasing final average salary. To overcome the presumption, the member must submit documentary evidence to the System which clearly and convincingly proves that none of the purposes of the change in compensation structure was not to increase average salary (for example, collectively bargained agreements, change of employer, change in family status); and

6) Any amount paid by an employer as the employer's one-time contribution (or on behalf of the employee as the employee's one-time contribution) required by the System as part of the statutory early retirement option in Section 16-133.2 of the Act; and

7) Options to take salary in lieu of employment-related expense allowances or reimbursements.

(Source: Amended at ___ Ill. Reg. _____, effective _____)

SECRETARY OF STATE

NOTICE OF PROPOSED AMENDMENTS

1) Heading of the Part: Issuance of Licenses

2) Code Citation: 92 Ill. Adm. Code 1030

3) Section Numbers: Proposed Action

1030.88 Amendment

4) Statutory Authority: Section 2-104(b) of the Illinois Vehicle Title and Registration Law of the Illinois Vehicle Code (Ill. Rev. Stat. 1989, ch. 95 1/2, par. 2-104(b)) and Section 6-100 et seq. of the Illinois Driver Licensing Law of the Illinois Vehicle Code (Ill. Rev. Stat. 1989, ch. 95 1/2, par. 6-100 et seq.)

5) A Complete Description of the Subjects and Issues Involved: This proposed rulemaking outlines the provisions for out-of-state residents employed in Illinonis to submit evidence of driving conduct as one of the requirements to function as a driver education instructor.

6) Will this proposed rulemaking replace an emergency rule currently in effect? No.

7) Does this rulemaking contain an automatic repeal date? No.

8) Does this proposed rulemaking contain incorporations by reference? No, this amendment does not contain incorporations by reference.

9) Are there any other amendments pending on this part? No.

10) Statement of Statewide Policy Objective: This rulemaking will have no effect on local units of government.

11) Time, place and manner in which interested persons may comment on this proposed rulemaking: The Secretary of State will fully consider all comments received within 45 days of the date this notice is published. All comments must be in writing and should be sent to:

James C. Economy
Assistant Counsel to the Secretary
270I S. Dirksen Parkway
Springfield, IL 62723
217/782-5356

SECRETARY OF STATE

NOTICE OF PROPOSED AMENDMENTS

12) Initial Regulatory Flexibility Analysis: After careful consideration, the Secretary of State does not feel this proposed rulemaking will affect any types of small businesses and the proposed rule has not been submitted to the Small Business Office of the Department of Commerce and Community Affairs.

The full text of the proposed rule begins on the next page.

SAVE $3,999,994

Did you know we sell paperback books too?

To buy our entire catalog in paperback would cost over $4,000,000

Access it all now for $8.99/month

*Fair usage policy applies

Continue

"High School Student" - one who attends a public or private secondary school accredited by the Illinois State Board of Education.

"Instruction Permit" - permit to operate a motor vehicle, issued for a period of twelve months by the Secretary of State to a student enrolled in a driver education course.

"Motor Driven Cycle" - every motorcycle and every motor scooter with less than 150 cubic centimeter piston displacement including motorized pedalcycles as defined in Section 1-148 of the Illinois Vehicle Code (Ill. Rev. Stat. 1987~~9~~, ch. 95 1/2, par. 1-148).

"Motorcycle" - every motor vehicle having a seat or saddle for the use of the rider and designed to travel on not more than 3 wheels in contact with the ground, but excluding a tractor as defined In Section 1-147 of the Illinois Vehicle Code (III. Rev. Stat. 1987~~9~~, ch. 95 1/2, par. 1-147).

"Motorcycle Rider Safety Training Course" - course of instruction in the use and operation of motorcycles and/or motor driven cycles, including instruction in the safe on-road operation of motorcycles and/or motor driven cycles, the rules of the road and the laws of this State relating to motor vehicles, which course must meet the requirements set out in 92 Ill. Adm. Code 455.101 et. seq.

."Secretary of State" - the Secretary of State of Illinois.

b) The Department shall exempt a high school student from a facility-administered road test if the student has earned a grade of A or B for an approved high school driver education course, passed a road test administered by a Department certified high school driver education instructor, and has received an authorization form signed by the driver education instructor exempting the student from the facility-administered road test.

c) Commercial driver training schools licensed pursuant to Section 6-401 of the Illinois Driver Licensing Law of the Illinois Vehicle Code (III. Rev. Stat. 1987~~9~~, ch. 95 1/2, par. 6-401) shall not be allowed to participate in the cooperative driver testing program.

d) Each local board of education which desires to participate in the cooperative driver testing program must submit an application to the Field Services Bureau, Department of Driver Services of the Secretary of State's Office, 2701 S. Dirksen Parkway, Springfield, Illinois 62723. The application shall consist of the "Cooperative Driver Testing Program Intent to Participate" form and also a "Compliance Affidavit" for each participating driver education instructor. The application shall include the name and address of the high school and

the names of the driver education instructors who will participate in the program. The application shall also include a statement that the schools and instructors listed for participation in the program shall administer a road test. The application shall be submitted once per calendar year. The Department shall accept all "Intent to Participate" forms that are accurate and complete and signed by the district superintendent. The Department shall accept all "Compliance Affidavits" which are accurate and complete and which show compliance with Section 1030.88(f).

e) Each instructor shall submit a compliance affidavit which shows that the instructor is an accredited driver education teacher with the Illinois State Board of Education pursuant to 23 III. Adm. Code 1.730(q), either possess a valid Illinois driver's license/ or a valid and properly classified out-of-state driver's license with submission of an acceptable, certified out-of-state driving abstract on an annual basis, and ~~has~~ shall have attended an initial certification clinic offered by the Secretary of State.

f) The exemption from the facility examination will expire on the same day as the student's current instruction permit. The student shall be required to obtain a valid driver's license prior to the expiration date of the permit in accordance with the program. After the expiration date, the student shall complete a facility-administered road test. No extension of the exemption beyond the expiration date of the instruction permit shall be allowed.

g) The Department shall spot check a sample of the exempted driver population. The Field Services Bureau of the Department shall choose the sample to be tested based on the applicant's birthday. Three calendar days per month shall be designated for the testing, and an applicant whose birthday is on one of the selected days shall be required to successfully complete a facility-administered drive test. The selected dates shall be altered every three months.

h) The exemption authorization form shall be designated in a manner prescribed by the Department. The student shall submit the authorization form to a Driver Services Facility employee of the Department when applying for a driver's license.

i) The Department shall exempt an applicant for a class "M" or class "L" driver's license as provided in Section 1030.30 of this Part, which allows for the operation of a motorcycle and/or motor driven cycle, from a facility-administered road test if all of the following circumstances are met:

1) the applicant is 18 years of age or older;

2) the applicant possesses a valid Illinois driver's license to operate any other classification of motor vehicle; and,

SECRETARY OF STATE

NOTICE OF PROPOSED AMENDMENT(S)

3) the applicant shows proof acceptable to the Department that he/she has successfully completed a Motorcycle Rider Safety Training Course approved by the Illinois Department of Transportation and the Department which states that he/she is qualified to operate a motorcycle and/or motor driven cycle with the cubic centimeter piston displacement which correlates to the classification of driver's license applied for. Successful completion of the Motorcycle Rider Safety Training Course shall be evidenced by a Student Completion Card issued by the Illinois Department of Transportation and dated on or after March 1, 1989.

(Source: Amended at 15 Ill. Reg. _____, effective _____)

ILLINOIS HISTORIC PRESERVATION AGENCY

NOTICE OF ADOPTED RULES

1) Heading of the Part: Public Use of Historic Sites and Properties

2) Code Citation: 17 Ill. Adm. Code 4160

3) Section Numbers: Adopted Action:

4160.10	New Section
4160.20	New Section
4160.30	New Section
4160.40	New Section
4160.50	New Section
4160.60	New Section
4160.70	New Section
4160.80	New Section
4160.90	New Section
4160.100	New Section
4160.110	New Section
4160.120	New Section
4160.130	New Section
4160.140	New Section
4160.150	New Section
4160.160	New Section
4160.170	New Section
4160.180	New Section
4160.190	New Section

4) Statutory Authority: Historic Preservation Agency Act (Ill. Rev. Stat. 1989, Ch. 127, par. 2701 et seq.)

5) The effective date of the adopted action: July 5, 1991

6) Does this rulemaking contain an automatic repeal date? No.

7) Does this proposed rule (amendment, repealer) contain incorporations by reference? No.

8) Date filed in Agency's principal office: June 25, 1991

9) Illinois Register publication date of Notice of Proposed Rules: February 8, 1991--Volume 15, Issue #6, p. 1680

ILLINOIS HISTORIC PRESERVATION AGENCY

NOTICE OF ADOPTED RULES

10) JCAR issued no statement of objection.

11) The changes made between proposed and adopted versions were all minor.

12) All agreed upon changes between JCAR and the agency have been made as indicated in the agreement letter.

13) Will this proposed rule replace an emergency rule currently in effect? No.

14) Are there any other proposed amendments pending on this Part? No.

15) Summary and Purpose of Rulemaking: To preserve and interpret the historical resources owned and managed by the State of Illinois.

16) Information and questions should be directed to: Assistant Superintendent, Historic Sites Division, Illinois Historic Preservation Agency, Old State Capitol, Springfield, Illinois 62701.

The full text of the Adopted Rule(s) begins on the next page:

HISTORIC PRESERVATION AGENCY

NOTICE OF ADOPTED RULES

TITLE 17: CONSERVATION
CHAPTER VI: HISTORIC PRESERVATION AGENCY

PART 4160
PUBLIC USE OF HISTORIC SITES AND PROPERTIES

Section
4160.10 Prohibited Activities
4160.20 Alcoholic Beverages - Possession, Consumption, Influence
4160.30 Animals
4160.40 Boats and Other Watercraft
4160.50 Abandoned Watercraft
4160.60 Capacity of Areas
4160.70 Camping/Campfires
4160.80 Destruction of Property
4160.90 Collection of Artifacts
4160.100 Group Activity
4160.110 Littering
4160.120 Prohibited Fishing Areas/Cleaning of Fish
4160.130 Restricted Areas and Activities
4160.140 Soliciting/Advertising/Renting/Selling
4160.150 Swimming/Wading
4160.160 Vehicles
4160.170 Weapons and Firearms/Display and Use
4160.180 Picnicking/Bicycling/Skate Boarding
4160.190 Violation of Rule

AUTHORITY: Implementing and authorized by the Historic Preservation Agency Act (Ill. Rev. Stat. 1989, ch. 127, par. 2701 et seq.).

SOURCE: Adopted at 15 Ill. Reg. 10596, effective July 5, 1991.

Section 4160.10 Prohibited Activities

The following activities (Sections 4160.20 through 4160.180) are prohibited by state law and/or this rule.

Section 4160.20 Alcoholic Beverages - Possession, Consumption, Influence

a) For any person to possess or consume or be under the influence of intoxicating beverages, including beer or wine, on any Historic Preservation Agency (Agency)-controlled property which is posted indicating that such possession or consumption is unlawful.
b) For any person under the age of 21 to possess, consume or be under the influence of intoxicating beverages, including beer or wine, on any Agency-controlled property.

Section 4160.30 Animals

HISTORIC PRESERVATION AGENCY

NOTICE OF ADOPTED RULES

a) For any owner to allow an unleashed dog, cat, or other domesticated animal on any Agency-controlled area, and for any dog, cat or other domesticated animal on any Agency-controlled area to be on a leash longer than 10 feet except for dogs being trained for official police work. Such training is allowed only if granted prior written approval by the site manager.

b) For any person to bring or keep in Agency-controlled property a dog or other animal subject to rabies inoculation unless in possession of proof that the animal has a current rabies inoculation. Acceptable proof of such innoculation includes a rabies innoculation certificate or a valid dog license.

c) For any person to keep a noisy, vicious, or dangerous animal or one which is disturbing to other persons, on Agency-controlled properties after being instructed by site staff to remove the animal from the premises.

d) For any person to ride or lead any horse in any Agency-controlled area, other than designated bridle paths or equestrain areas, except that horses are permitted at special events authorized by the Agency.

e) For any owner of livestock to allow livestock to roam or graze on Agency controlled lands except when authorized by lease, license or agreement approved in writing by the Agency.

f) For any person responsible for an animal in a campground or day use area not to dispose of the animal's excrement directly into an Agency garbage container with a tight fitting lid or have the excrement put into a closed water-tight bag or water-tight container with the lid closed and placed into an Agency trash container.

g) For the owners of a dog, cat, or other domesticated animal to have the animal in any area designated as "NO PETS." Such designation will be limited to beach areas, concession areas, and areas within campgrounds and picnic areas where there are large numbers of people or the presence of food or children.

Section 4160.40 Boats and Other Watercraft

a) For any person to operate any watercraft on any Agency-controlled body of water where posting prohibits such usage. However, Agency employees operating watercraft in carrying out official duties and personnel of cooperating agencies operating watercraft as authorized by the Agency are exempt from boating regulations in this Section or in order to provide management actions for enhancing or saving the resource base or the safety and welfare of the using public.

b) For any person to use a motor-driven boat on any body of water under the jurisdication of the Agency.

c) For any boat owner to allow a boat or other watercraft to remain on any of the public recreational and fishing areas under the jurisdiction of the Agency beyond December 1 of each year.

Section 4160.50 Abandoned Watercraft

HISTORIC PRESERVATION AGENCY

NOTICE OF ADOPTED RULES

It shall be unlawful for any person to abandon a watercraft on property controlled by the Agency.

a) Abandoned watercraft is defined as a watercraft left unattended for a single period longer than six hours on Agency-controlled land or water at an area which is not authorized for boat docking.

b) The Agency shall have the power to remove any abandoned watercraft and store said watercraft until claimed by the owner and restitution fees of $15.00 for removal and $5.00 for each day's storage are paid. The fees paid for removal and storage are separate from any criminal penalty and do not affect criminal prosecution.

Section 4160.60 Capacity of Areas

a) For any person to violate the rules and regulations pertaining to posted usage capacity of campgrounds, picnic grounds, or other areas where limited facilities make it necessary to control use by persons and/or motor vehicles. Site Managers and other peace officers are authorized to close such facilities to additional persons until such time as the number of users falls below the capacity posted within the area.

b) For any person to violate the posted closing period for any site except as permitted for special events or in writing by the Agency.

Section 4160.70 Camping/Campfires

a) For any person to use a tent or trailer, or any other type of camping device except in designated camping areas, and persons camping in such designated areas shall obtain a camping authorization slip from authorized site personnel.

b) For any person to build any fire in any area except in campstoves provided by the Agency or in charcoal or other types of metal grills which are furnished by the visitor at a specific campfire site designated by the Agency.

Section 4160.80 Destruction of Property

a) For any person to injure or remove any animal, plant or part thereof, or attempt to disturb any agricultural crop, except as otherwise provided by permit, law, regulation, or by Agency program activity under the direct supervision of an authorized employee.

b) For any person to remove, take, mutilate, deface or destroy any natural or manmade property, equipment, improvement, sign or building, except as otherwise provided by permit, law, regulation, or by Agency program activity under the direct supervision of an authorized employee.

Section 4160.90 Collection of Artifacts

For any person to collect or take from Agency-controlled property artifacts

and/or mutilate, destroy, deface, or excavate any Agency-controlled archaeological site except as provided by written permit issued by the Agency.

Section 4160.100 Group Activity

For organized groups of persons under the age of 18, to attend or use Agency facilities without the presence of one adult per each group of 15 persons under the age of 18. Small organized groups with 2-14 persons under the age of 18 must also be accompanied by an adult.

Section 4160.110 Littering

a) For any person using Agency facilities to discard, abandon, place, or deposit on Agency properties, except in containers provided, any wire, cans, bottles, glass, paper, trash, rubbish, garbage, cardboard, wood boxes or insoluble animal or vegetable material, metal, or minerals.
b) For any person to bring onto Agency property any of the items listed in Subsection (a) above with the express purpose of disposing, abandoning, or leaving such materials on Agency property.

Section 4160.120 Prohibited Fishing Areas/Cleaning of Fish

For any person to take fish from the waters of any Agency-controlled area except in accordance with the Fish Code of 1971 (Ill. Rev. Stat. 1989, ch. 56, par. 1:1 et seq.), and further, any fish or parts of fish remaining from cleaning must be placed in a proper refuse container with a tight fitting lid or removed from the area upon leaving.

Section 4160.130 Restricted Areas and Activities

a) For any person to enter or remain in any area closed to visitors. Site Managers and peace officers are authorized to prohibit the use of such closed areas.
b) For any person to operate a metal or mineral detection device on property owned or managed by the Agency.
c) For any person to operate a chain saw in any area which has been closed to such use. Site Managers of the Agency shall prohibit such use in any area that does not allow the collecting of firewood, has experienced illegal cutting of timber or at which the noise will disturb other site users.
d) For any person to enter posted areas of archaeological importance except by designated trails and paths.

Section 4160.140 Soliciting/Advertising/Renting/Selling

a) For any person to place signs or distribute advertising of any type on Agency owned or managed property without first obtaining a written permit from the Agency.
b) For any person to make sales or rentals or solicit sales or rentals

including placing signs or distributing advertisements on Agency property without first obtaining a written permit, lease and/or license from the Agency or in the case of lands managed by the Agency without first obtaining a written permit, lease and/or license from the owner of the property and the written approval of the Agency.

Section 4160.150 Swimming/Wading

For any person to swim/wade or bodily enter into the water on any Agency-controlled property. The exceptions to this rule include only the following:

a) areas designated by posting as allowing swimming. Where lifeguards are not posted, no person under 17 years of age may swim or be on the beach without supervision of a parent, guardian, or responsible adult, or
b) areas where an Agency-employed lifeguard is on duty, or areas posted for other uses, such as waterfowl hunting, water skiing, wading angling, or scuba diving.

Section 4160.160 Vehicles

a) For any person to operate any motor vehicle on roadways posted as prohibiting such use except that Site Managers shall, if it is to the Agency's benefit, grant written permission to individuals or contractors to operate vehicles on such posted roadways. These exceptions will include, but not be limited to, access by lessees to leased property or adjacent private property; access by contractors to the contract work site(s); and access by volunteers to project or program areas which assist the site.
   1) For any person to operate a snowmobile in any area other than on posted trails except that Site Managers shall, if it is to the Agency's benefit, grant written permission to individuals to operate snowmobiles on other than posted trails. These exceptions will include, but not be limited to, access by lessees to leased property or adjacent private property; access by contractors to the contract work site(s); and access by volunteers to project or program areas which assist the site.
   2) For any person to operate any motor driven bicycle, mini-bike, motorcycle, or off-road vehicle unless it is on a roadway designated for vehicular use or on a designated area established by the Agency for off-road vehicular use, except that Site Managers may, if it is to the Agency's benefit, grant written exceptions. These exceptions will include, but not be limited to, access by lessees to leased property or adjacent private property; access by contractors to the contract work site(s); and access by volunteers to project or program areas which assist the site.
b) To exceed a speed of 20 M.P.H. on any paved, concrete, asphalt, or other all-weather roadway unless it is otherwise posted or to exceed

HISTORIC PRESERVATION AGENCY

NOTICE OF ADOPTED RULES

10 M.P.H. on any unpaved, gravel, or dirt roadway or in any parking area unless otherwise posted.

c) For any person to park a motor vehicle in any prohibited area which is posted, or to park a vehicle in any area for the purpose of repair, except those immediate repairs necessary to remove the vehicle from the area immediately.

d) To exceed a combined vehicle and content weight limit of 50,000 lbs. unless it is otherwise posted on any Agency roadway except that Site Managers shall, if it is to the Agency's benefit, grant written permission to individuals or contractors to operate such vehicles on posted roadways. These exceptions will include, but not be limited to, access by lessees utilizing farm equipment to get to leased property or adjacent private property; access by contractors to the contract work site(s); access by vendors delivering materials.

e) For any vehicle to be left or abandoned on Agency property. Vehicles left unattended for a period of 24 hours on any Agency road, parking lot, shoulder, or other property will be towed from the site at the owner's expense.

Section 4160.170 Weapons and Firearms/Display and Use

For any person, other than authorized peace officers, to display or use on Agency-controlled lands, except as authorized by the Agency on hunting, field trial, target, or special event areas, any gun including shotgun, rifle, pistol, revolver, air or BB gun, sling shot, bow and arrow, switchblade knife with spring loaded blade, throwing knife, tomahawk or throwing axe, or martial arts devices. For purposes of historic interpretation, however, period weapons, or reproductions of such weapons, may be displayed or used within the context of reenactment.

Section 4160.180 Picnicking/Bicycling/Skate Boarding

For any person to violate the posted rules and regulations pertaining to the designated locations and hours for activites such as picnicking, bicycling, and skate-boarding. Such activities shall be limited to only those areas and times designated for them.

Section 4160.190 Violation of Rule

a) Any person who violates any provision of this rule (Sections 4160.20 through 4160.180) shall be guilty of a Class B misdemeanor.

b) Any person who violates any provision of this rule (Sections 4160.20 through 4160.180) shall be subject to arrest and/or removal from the premises under applicable statutes including Ill. Rev. Stat. 1989, ch. 127, pars. 2513 and 2518; ch. 105, par. 468b(7); and Section 21-5 of the Criminal Code of 1961 (Ill. Rev. Stat. 1989, ch. 38, par. 21-5), Criminal Trespass to State Supported Land.

DEPARTMENT OF NUCLEAR SAFETY

NOTICE OF ADOPTED AMENDMENTS

1) Heading of the Part: GENERAL PROVISIONS

2) Code Citation: 32 Ill. Adm. Code 310

3)

Section Number:	Adopted Action:
310.10	Amendment
310.20	Amendment
310.30	Amendment
310.40	Amendment
310.50	Amendment
310.80	Amendment
310.81	New Section
310.82	New Section
310.90	Amendment
310.130	Amendment
APPENDIX C	New Section

4) Statutory Authority: Implementing and authorized by the Radiation Protection Act of 1990 (Ill. Rev. Stat. 1990 Supp., ch. 111 1/2, par. 210-1 et seq.).

5) Effective Date of Amendments: July 15, 1991

6) Does this rulemaking contain an automatic repeal date? No

7) Does this amendment contain incorporations by reference? Yes, this amendment contains material incorporated pursuant to Section 5.02(a) of the Illinois Administrative Procedure Act. That section of the Act does not require the Joint Committee on Administrative Rules to issue forms of approval for such incorporations by reference.

8) Date Filed in Agency's Principal Office: July 5, 1991

9) Notice of Proposal Published in Illinois Register:

July 20, 1990, 14 Ill. Reg. 11450

10) Has JCAR issued a Statement of Objections to this rule? No

11) Difference(s) between proposal and final version:

a) In the Table of Contents, Sections 310.81 and 310.82, the word "of" has been inserted immediately after the word "Assessment"; Section numbers have been inserted immediately before the word "APPENDIX"; and in APPENDIX C, the Section title has been changed to "Penalty Assessment Worksheet".

DEPARTMENT OF NUCLEAR SAFETY

NOTICE OF ADOPTED AMENDMENTS

b) In the Authority Note, the correct title of the Act and statutory citation have been added.

c) In Section 310.20, lead in paragraph, on line 2, the word "and" has been deleted and the following phrase has been added: "401, 601 and 606". In the definition of "Physician" on line 3, the word "the" has been changed to the word "The". In the definitions of "Radiation Installation", "Radiation machine", and "Radioactive material" the cross-references to the Act have been changed to Sections 4(g), 4(h) and 4(i), respectively. In the definitions of "Registrant" and "Registration", the reference to Section 320 has been changed to "Section 320.10". In the definition of "Regulations of the U.S. Department of Transportation", the reference has been updated to "revised as of October 1, 1990". In the definition of "U.S. Department of Energy", in the last line, the period following "577-578" has been changed to a comma. In addition, the following definitions have been changed to read as follows:

"Act" means the Radiation Protection Act of 1990 (the Act) (Ill. Rev. Stat. 1990 Supp., ch. 111 1/2, par. 210-1 et seq.).

"Byproduct material" means: *(1) any radioactive material (except special nuclear material) yielded in or made radioactive by exposure to radiation incident to the process of producing or utilizing special nuclear material; and (2) the tailings or wastes produced by the extraction or concentration of uranium or thorium from any ore processed primarily for its source material content, including discrete surface wastes resulting from underground solution extraction processes but not including underground ore bodies depleted by such solution extraction processes.* (See Section 4(a) of the Act.)

"Director" means *the Director of the Department of Nuclear Safety.* (See Section 4(c) of the Act.)

"Major processor" means a person, other than medical programs, universities, industrial radiographers, or wireline service operations, who is licensed to process, handle, or manufacture radioactive material as unsealed sources in quantities exceeding 32 Ill. Adm. Code 340.Appendix B quantities by a factor of at least 10^3, or radioactive material as sealed sources in quantities exceeding 32 Ill. Adm. Code 340.Appendix B quantities by a factor of at least 10^{10}.

DEPARTMENT OF NUCLEAR SAFETY

NOTICE OF ADOPTED AMENDMENTS

"Occupational dose" means the dose received by an individual in a restricted area or in the course of employment in which the individual's assigned duties involve exposure to radiation or to radioactive material from licensed or unlicensed sources of radiation, whether in the possession of the licensee or other person. Occupational dose does not include dose received from background radiation, as a patient from medical practices, from voluntary participation in medical research programs, or as a member of the general public.

"Person" means *any individual, corporation, partnership, firm, association, trust, estate, public or private institution, group, agency, political subdivision of this State, any other State or political subdivision or agency thereof, and any legal successor, representative, agent, or agency of the foregoing, other than the United States Nuclear Regulatory Commission, or any successor thereto, and other than federal government agencies licensed by the United States Nuclear Regulatory Commission, or any successor thereto.* (See Section 4(e) of the Act.)

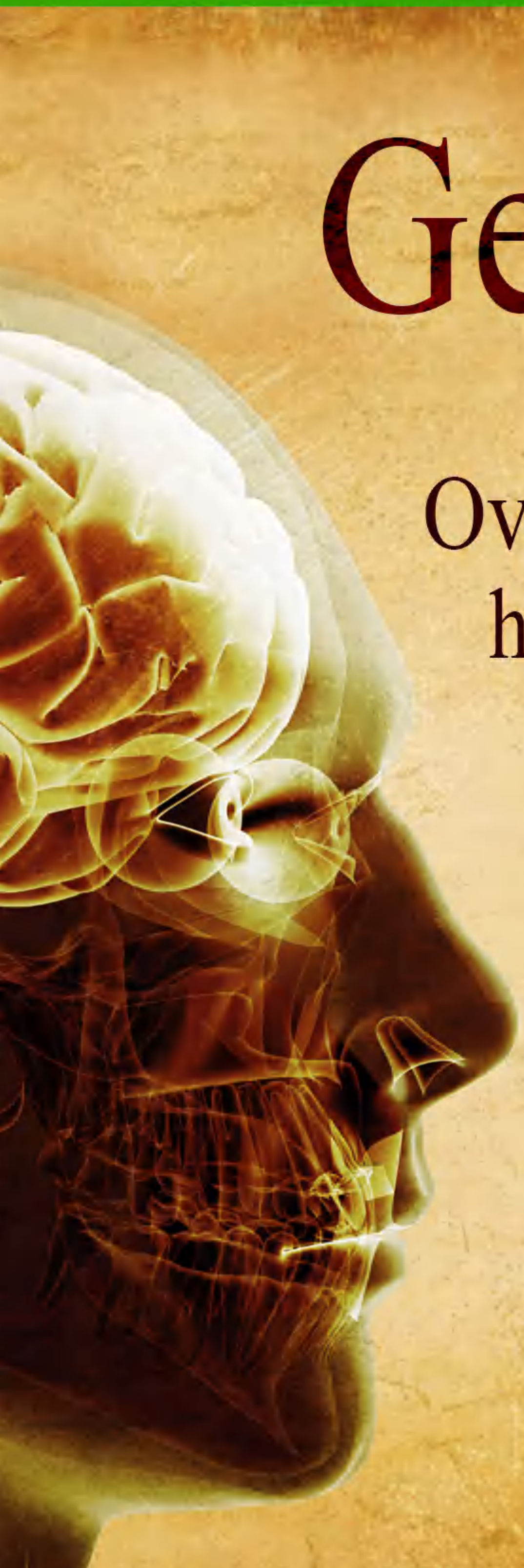
"Qualified Engineering Expert" means a person qualified under the Illinois Architecture Practice Act of 1989 (Ill. Rev. Stat. 1989, ch. III, par. I30I et seq.), The Structural Engineering Licensing Act of 1989 (Ill. Rev. Stat. 1989, ch. 111, par. 6601 et seq.) and/or any required combination thereof.

"Radiation" means *gamma rays and x-rays, alpha and beta particles, high-speed electrons, neutrons, protons, and other nuclear particles, but not sound or radio waves, or visible, infrared or ultraviolet light.* (See Section 4(f) of the Act.)

d) In Section 310.30(a), line I, the word "therefore" has been changed to the word "therefor".

e) In Section 310.40, line 2, the following sentence has been added "Additional record requirements are specified elsewhere in 32 Ill. Adm. Code: Chapter II, Subchapters h and d".

f) In Section 310.50(a) and (b), line I, the phrase "licensee and registrant" has been changed to the word "person". Subsection (c) has been modified to quote Section 27 of the Act verbatim and now reads as follows:



Get Smart

Over 2,000 years of human knowledge in 797,885 volumes

Instant access $8.99/month

Continue

*Fair usage policy applies

z) In Section 310.90(b), line 7, the number "12" has been changed to the number "38". .

aa) In Section 310.APPENDIX C, has been rewritten as follows:

Section 310.APPENDIX C Penalty Assessment Worksheet

Description of Violation Maximum: $1,000

A. History of Compliance

If average violation/inspection over three full program reviews by Department personnel is:

0 - 5	$0		_____
6 - 10	$100	(10%)	_____
>10	$200	(20%)	_____

B. Severity

Very small potential	$0		_____
Potential environmental effects	$100	(10%)	_____
Potential health effects	$200	(20%)	_____
Environmental and Health effects	$400	(40%)	_____

C. Negligence

Negligence	$100	(10%)	_____
Recklessness	$200	(20%)	_____
Willfulness	$400	(40%)	_____

D. Civil Penalty Proposed for this Violation _____

Total of Civil Penalties Proposed _____

AGENCY NOTE: For purposes of this assessment, the following definitions are to be used:

1) Negligence: Failure to act in accordance with statutes, regulations, or license conditions.

2) Recklessness: The act of placing employees or members of the general public at risk from radiation exposure.

3) Willfulness: The act of negligence or recklessness after the applicable requirements had been communicated to the person to whom the Preliminary Order is issued.

AGENCY NOTE: A separate worksheet is used for each violation. The amount of the civil penalty is determined by obtaining the sum for all violations identified in the Preliminary Order.

bb) The term "Preliminary Order" has been standardized by capitalizing the first letter of each word throughout the rulemaking.

12) Have all the changes agreed upon by the agency and JCAR been made as indicated in the agreement letter issued by JCAR? Yes

13) Will this amendment replace an emergency rule currently in effect? No

14) Are there any amendments pending on this Part? No

15) Summary and Purpose of Amendments: This amendment provides a statement of the Department's policy for assessment of civil penalties. Section 310.81 specifies the factors that the Department will consider when determining whether to impose a civil penalty and the amount of such penalty. Section 310.82 provides the procedures for assessment of civil penalties. In addition, non-substantive changes to several definitions have been made. Also, the rule will incorporate by reference the most recent edition of the Code of Federal Regulations.

16) Information and questions regarding this adopted amendment shall be directed to:

Betsy Salus
Senior Staff Attorney
Department of Nuclear Safety
1035 Outer Park Drive
Springfield, Illinois 62704
(217) 785-9881

The full text of the Adopted Amendment begins on the next page:

DEPARTMENT OF NUCLEAR SAFETY

NOTICE OF ADOPTED AMENDMENTS

TITLE 32: ENERGY
CHAPTER II: DEPARTMENT OF NUCLEAR SAFETY
SUBCHAPTER b: RADIATION PROTECTION

PART 310
GENERAL PROVISIONS

Section

AUTHORITY: Implementing and authorized by the Radiation Protection Act of 1990 (Ill. Rev. Stat. ~~1985~~ 1990 Supp., ch. 111½, pars. ~~211~~ 210-1 et. seq.).

SOURCE: Filed April 20, 1974 by the Department of Public Health; transferred to the Department of Nuclear Safety by P.A. 81-1516, effective December 3, 1980; codified at 7 Ill. Reg. 15657; amended at 10 Ill. Reg. 17259, effective September 25, 1986; amended at 15 Ill. Reg. 10604, effective July 15, 1991.

Section 310.10 Scope

Except as otherwise specifically provided, this Part ~~apply~~ applies to all persons who receive, possess, use, transfer, own, or acquire any source of radiation within the State of Illinois; provided, however, that nothing in 32 Ill. Adm. Code 310, 320, 330, 331, 335, 340, 341, 350, 351, ~~370,~~ 400, and 601 shall apply to any person to the extent such person is subject to regulation by the U.S. Nuclear Regulatory Commission (NRC).*

DEPARTMENT OF NUCLEAR SAFETY

NOTICE OF ADOPTED AMENDMENTS

*AGENCY NOTE: Attention is directed to the fact that regulation by the State of source material, byproduct material, and special nuclear material in quantities not sufficient to form a critical mass is subject to the provisions of an agreement between the State and the NRC and to 10 CFR 150 of the Commission's regulations.

(Source: Amended at 15 Ill. Reg. 10604, effective July 15, 1991)

Section 310.20 Definitions

As used in 32 Ill. Adm. Code 310, 320, 330, 331, 335, 340, 341, 350, 351, ~~370,~~ 400, 401, ~~and~~ 601 and 606, these terms have the definitions set forth below. Additional definitions used only in a certain Part will be found in that Part.

"Accelerator-produced material" means any material made radioactive by a particle accelerator.

"Act" means the Radiation Protection Act of 1990 (the Act) (Ill. Rev. Stat. ~~1985~~ 1990 Supp., ch. 111½, par. ~~211~~ 210-1 et seq.).

"Agreement State" means any State with which the U. S. Nuclear Regulatory Commission or the U.S. Atomic Energy Commission has entered into an effective agreement under subsection 274b of the Atomic Energy Act of 1954, as amended (42 U.S.C. 2021(b) et seq.).

"Airborne radioactive material" means any radioactive material dispersed in the air in the form of dusts, fumes, mists, vapors, or gases.

"Airborne radioactivity area" means:

any room, enclosure, or operating area in which airborne radioactive material exists in concentrations in excess of the amounts specified in 32 Ill. Adm. Code 340:Appendix A, Table 1, Column 1; or

any room, enclosure, or operating area in which airborne radioactive material exists in concentrations which, averaged over the number of hours in any week during which individuals are in the area, exceed 25 percent of the amounts specified in 32 Ill. Adm. Code 340.Appendix A, Table 1, Column 1.

"Byproduct material" means: (1) *any radioactive material, (except special nuclear material,) yielded in or made radioactive by exposure to the radiation incident to the process of producing or utilizing special nuclear material; and (2) the tailings or wastes*

DEPARTMENT OF NUCLEAR SAFETY

NOTICE OF ADOPTED AMENDMENTS

produced by the extraction or concentration of uranium or thorium from any ore processed primarily for its source material content, including discrete surface wastes resulting from underground solution extraction processes but not including underground ore bodies depleted by such solution extraction processes. (See Section 4(a) of the Act.)

"Calendar quarter" means not less than 12 consecutive weeks nor more than 14 consecutive weeks. The first calendar quarter of each year shall begin in January and subsequent calendar quarters shall be so arranged such that no day is included in more than one calendar quarter and no day in any one year is omitted from inclusion within a calendar quarter. No licensee or registrant shall change the method observed by him ~~of~~ for determining calendar quarters ~~for purposes of 32 Ill. Adm. Code 310, 320, 330, 331, 340, 341, 350, 351, 370, 400, and 601~~ except at the beginning of a calendar year.

"Calibration" means the determination of:

the response or reading of an instrument relative to a series of known radiation values over the range of the instrument; or

the strength of a source of radiation relative to a standard.

"CFR" means Code of Federal Regulations.

"Chelating Agent" means amine polycarboxylic acids (e.g., EDTA, DTPA), hydroxy-carboxylic acids, and polycarboxylic acids (e.g., citric acid, carbolic acid, and glucinic acid) used for purposes of bonding, i.e., to stabilize radioactive materials.

"Curie" means a unit of quantity of radioactivity. One curie (Ci) is that quantity of radioactive material which decays at the rate of 3.7×10^{10} transformations per second (tps). Commonly used, sub-multiples of the curie are the millicurie and the microcurie. One millicurie (mCi) = 0.001 Curie = 3.7×10^{7} tps. One microcurie (uCi) = 0.000001 curie = 3.7×10^{4} tps. (See Section 310.130 for SI equivalent becquerel.)

"Department" means Illinois Department of Nuclear Safety.

DEPARTMENT OF NUCLEAR SAFETY

NOTICE OF ADOPTED AMENDMENTS

"Depleted uranium" means the source material uranium in which the isotope uranium-235 is less than 0.711 weight percent of the total uranium present. Depleted uranium does not include special nuclear material.

"Director" means *the Director* ~~*director of Illinois*~~ *the Department of Nuclear Safety*. (See Section 4(c) of the Act.)

Dose means absorbed dose or dose equivalent as appropriate:

"Absorbed dose" is the energy imparted to matter by ionizing radiation per unit mass of irradiated material at the place of interest. The special unit of absorbed dose is the rad (see "Rad"). (See Section 310.130 for SI equivalent gray.)

"Dose equivalent" is a quantity that expresses on a common scale for all radiation a measure of the postulated effect on a given organ. It is defined as the absorbed dose in rads times certain modifying factors. The unit of dose equivalent is the rem (see "Rem"). (See Section 310.130 for SI equivalent sievert.)

"Dose commitment" means the total radiation dose to a part of the body that will result from retention in the body of radioactive material. For purposes of estimating the dose commitment, it is assumed that from the time of intake the period of exposure to retained material will not exceed 50 years.

"Dosimetry processor" means an individual or an organization that extracts certain information from devices called dosimeters, then performs various mathematical operations on this information to generate a quantity called dose equivalent.

"Exposure" means the quotient of dQ divided by dm where "dQ" is the absolute value of the total charge of the ions of one sign produced in air when all the electrons (negatrons and positrons) liberated by photons in a volume element of air having mass "dm" are completely stopped in air. (The special unit of exposure is the roentgen (R).) (See Section 310.130 for SI equivalent coulomb per kilogram.)*

~~*AGENCY NOTE: When not indicated as '"exposure"(X)', the term "exposure" has a more general meaning in 32 Ill. Adm. Code 310, 320, 330, 331, 340, 341, 350, 351, 370, 400, and 601.~~

"Exposure ~~(X)~~ rate" means the "exposure"~~(X)~~ per unit of time, such as roentgen per minute and milliroentgen per hour.

DEPARTMENT OF NUCLEAR SAFETY

NOTICE OF ADOPTED AMENDMENTS

"Former U.S. Atomic Energy Commission (AEC) or U.S. Nuclear Regulatory Commission (NRC) licensed facilities" means nuclear reactors, nuclear fuel reprocessing plants, uranium enrichment plants, or critical mass experimental facilities where AEC or NRC licenses have been terminated.

"Healing Arts" means the art or science or group of arts or sciences dealing with the prevention and cure or alleviation of human ailments, diseases or infirmities, and has the same meaning as "medicine" when the latter term is used in its comprehensive sense.

"High radiation area" means any area, accessible to individuals, in which there exists radiation at such levels that a major portion of the body could receive in any one hour a dose in excess of 100 millirems (1 millisievert).

"Human use" means the internal or external administration of radiation or radioactive materials to human beings.

"Individual" means any human being.

"Inspection" means an official examination or observation including, but not limited to, tests, surveys, and monitoring to determine compliance with rules, regulations, orders, requirements, and conditions of the Department.

"Interlock" means a device arranged or connected such that the occurrence of an event or condition is required before a second event or condition can occur or continue to occur.

"License" means a license issued by the Department in accordance with the regulations adopted by the Department.

"Licensee" means any person who is licensed by the Department in accordance with ~~this~~ 32 Ill. Adm. Code: Chapter II and the Act.

"Licensing State" means any State which has been provisionally or finally designated as such by the Conference of Radiation Control Program Directors, which reviews state regulations to establish equivalency with the Suggested State Regulations and ascertains whether a State has an effective program for control of NARM. The Conference will designate as Licensing States those States with regulations for Control of Radiation relating to, and an effective program for, the regulatory control of naturally occurring radioactive material (NARM).

DEPARTMENT OF NUCLEAR SAFETY

NOTICE OF ADOPTED AMENDMENTS

"Major processor" means a ~~user processing, handling, or manufacturing~~ person, other than medical programs, universities, industrial radiographers, or wireline service operations, who is licensed to process, handle, or manufacture radioactive material ~~exceeding Type A_2 quantities~~ as unsealed sources in quantities exceeding 32 Ill. Adm. Code 340.Appendix B quantities by a factor of at least 10^3, or radioactive material~~, or exceeding 4 times Type B quantities~~ as sealed sources in quantities exceeding 32 Ill. Adm. Code 340.Appendix B quantities by a factor of at least 10^{10}.~~, but does not include nuclear medicine programs, universities, industrial radiographers, or small industrial programs. Type A and B quantities are defined in Section 71.4 of 10 CFR 71, revised as of January 1, 1985, exclusive of any subsequent amendments or editions. A copy of 10 CFR 71 is available for public inspection at the Department of Nuclear Safety.~~

"NARM" means any naturally occurring or accelerator-produced radioactive material. It does not include byproduct, source, or special nuclear material.

"Natural radioactivity" means radioactivity of naturally occurring nuclides.

"Occupational dose" means the ~~exposure of an individual to radiation:~~

~~in a restricted area; or~~

dose received by an individual in a restricted area or in the course of employment in which the individual's assigned duties involve exposure to radiation~~; provided, that occupational dose shall not be deemed to include any exposure of an individual to radiation for the purpose of diagnosis or therapy of such individual~~ or to radioactive material from licensed or unlicensed sources of radiation, whether in the possession of the licensee or other person. Occupational dose does not include dose received from background radiation, as a patient from medical practices, from voluntary participation in medical research programs, or as a member of the general public.

"Operator" is an individual, group of individuals, partnership, firm, corporation or association conducting the business or activities carried on within a radiation installation.

DEPARTMENT OF NUCLEAR SAFETY

NOTICE OF ADOPTED AMENDMENTS

"Particle accelerator" means any machine capable of accelerating electrons, protons, deuterons, or other charged particles in a vacuum and of discharging the resultant particulate or other radiation into a medium at energies usually in excess of 1 million electron volts (MeV).

"Person" means *any individual, corporation, partnership, firm, association, trust, estate, public or private institution, group, agency, political subdivision of this State, any other State or political subdivision or agency thereof, and any legal successor, representative, agent, or agency of the foregoing, other than the United States Nuclear Regulatory Commission, or any successor thereto, and other than federal government agencies licensed by the United States Nuclear Regulatory Commission, or any successor thereto*. (See Section 4(e) of the Act.)

"Personnel monitoring equipment" means devices such as film badges, pocket dosimeters, and thermoluminescent dosimeters designed to be worn or carried by an individual for the purpose of estimating the dose received by the individual.

"Pharmacist" means an individual licensed by the State pursuant to the Pharmacy Practice Act of 1987 (Ill. Rev. Stat. ~~1985~~ 1989, ch. 111, par~~s~~. ~~4002~~ 4121 et seq.) to compound and dispense drugs, prescriptions, and poisons.

"Physician" means a person licensed to practice a treatment of human ailments by virtue of the Medical Practice Act of 1987 (Ill. Rev. Stat. ~~1985~~ 1989, ch. 111, par. ~~4401~~ 4400-1 et seq.), The Illinois Dental Practice Act (Ill. Rev. Stat. ~~1985~~ 1989, ch. 111, par. ~~2201~~ 2301 et seq.) ~~and "AN ACT to regulate the practice of podiatry in the State of Illinois" (Ill. Rev. Stat. 1985, ch. 111, par. 4901 et seq.)~~ or the Podiatric Medical Practice Act of 1987 (Ill. Rev. Stat. 1989, ch. 111, par. 4801 et seq.), who may use radiation for therapeutic, diagnostic, or other medical purposes within the limits of his licensure.

"Qualified Engineering Expert" means a person qualified under the Illinois Architecture Practice Act of 1989 (Ill. Rev. Stat. ~~1985~~ 1989, ch. 111, par. ~~1201~~ 1301 et seq.), The ~~Illinois~~ Structural Engineering Licensing Act of 1989 (Ill. Rev. Stat. ~~1985~~ 1989, ch. 111, par. ~~6501~~ 6601 et seq.) and/or any required combination thereof.

DEPARTMENT OF NUCLEAR SAFETY

NOTICE OF ADOPTED AMENDMENTS

"Rad" means the special unit of absorbed dose. One rad equals one hundredth of a joule per kilogram of material; for example, if tissue is the material of interest, then 1 rad equals 100 ergs per gram of tissue (10 milligrays). (See Section 310.130 for SI equivalent gray).

"Radiation" means ~~*ionizing radiation which includes any of the following:*~~ *gamma rays*~~,~~ *and x-rays, alpha* ~~*particles,*~~ *and beta particles, high-speed electrons, neutrons,* ~~*high speed*~~ *protons, and other* ~~*atomic*~~ *nuclear particles, but not sound or radio waves, or visible, infrared or ultraviolet light*. (See Section 4(f) of the Act.)

"Radiation area" means any area, accessible to individuals, in which there exists radiation at such levels that a major portion of the body could receive in any one hour a dose in excess of 5 millirems (0.05 millisievert), or in any 5 consecutive days a dose in excess of 100 millirems (1 millisievert).

"Radiation Installation" *is any location or facility where radiation machines are used or where radioactive material is produced, transported, stored, disposed or used for any purpose,* (See Section 4(g) of the Act.) except where such radioactive materials or facility are subject to regulation by the NRC.

"Radiation machine" means *any device that produces radiation when in use* (See Section 4(h) of the Act.) except those which produce radiation only from radioactive materials.

"Radiation safety officer" means one who has the knowledge and responsibility to apply appropriate radiation protection regulations and has been designated by the licensee or registrant.

"Radioactive material" means *any solid, liquid, or gaseous substance which emits radiation spontaneously.* (See Section 4(i) of the Act.)

"Radioactivity" means the transformation of unstable atomic nuclei by the emission of radiation.

"Registrant" means any person who is registered with the Department and is legally obligated to register with the Department pursuant to ~~this Chapter and~~ the Act and 32 Ill. Adm. Code 320.10.

DEPARTMENT OF NUCLEAR SAFETY

NOTICE OF ADOPTED AMENDMENTS

"Registration" means registration with the Department in accordance with ~~the regulations adopted by the Department~~ 32 Ill. Adm. Code 320.10.

"Regulations of the U.S. Department of Transportation" means the regulations in 49 CFR 100-189, revised as of ~~November 1, 1984~~ October 1, 1990, exclusive of any subsequent amendments or editions. A copy of 49 CFR 100-189 is available for public inspection at the Department of Nuclear Safety.

"Rem" means a special unit of dose equivalent. One millirem (mrem) = 0.001 rem. (See Section 310.130 for SI equivalent sievert.) ~~For the purpose of 32 Ill. Adm. Code 310, 320, 330, 331, 340, 341, 350, 351, 370, 400, and 601, any~~ Any of the following is considered to be equal to one rem:

An ~~"exposure"(X)~~ exposure of 1 roentgen of x or gamma radiation;

An absorbed dose of 1 rad due to x, gamma, or beta radiation;

An absorbed dose of 0.05 rad due to particles heavier than protons and with sufficient energy to reach the lens of the eye;

An absorbed ~~does~~ dose of 0.1 rad due to neutrons or high energy protons.*

*AGENCY NOTE: If it is more convenient to measure the neutron flux, or equivalent, than to determine the neutron absorbed dose in rads, one rem of neutron radiation may~~, for purposes of 32 Ill. Adm. Code 310, 320, 330, 331, 340, 341, 350, 351, 370, 400, and 601,~~ be assumed to be equivalent to 14 million neutrons per square centimeter incident upon the body; or, if there exists sufficient information to estimate with reasonable accuracy, the approximate distribution in energy of the neutrons, the incident number of neutrons per square centimeter equivalent to one rem may be estimated from the following table;

DEPARTMENT OF NUCLEAR SAFETY

NOTICE OF ADOPTED AMENDMENTS

Neutron Flux Dose Equivalents

Neutron energy (MeV)	Number of neutrons per square centimeter for a dose equivalent of 1 rem (10 millisieverts) (neutrons/cm^2)	Average flux density to deliver 100 millirems (1 millisievert) in 40 hours neutrons/cm^2 per second)
Thermal	970×10^6	670
0.0001	720×10^6	500
0.005	820×10^6	570
0.02	400×10^6	280
0.1	120×10^6	80
0.5	43×10^6	30
1.0	26×10^6	18
2.5	29×10^6	20
5.0	26×10^6	18
7.5	24×10^6	17
10.0	24×10^6	17
10 to 30	14×10^6	10

"Research and development" means:

theoretical analysis, exploration, or experimentation; or

the extension of investigative findings and theories of a scientific or technical nature into practical application for experimental and demonstration purposes, including the experimental production and testing of models, devices, equipment, materials, and processes. Research and development does not include the internal or external administration of radiation or radioactive material to human beings.

"Restricted area" means any area access to which is controlled by the licensee or registrant for purposes of protection of individuals from exposure to radiation and radioactive material. A restricted area shall not include any areas used for residential quarters, although a separate room or rooms in a residential building may be set apart as a restricted area.

"Roentgen" means the special unit of exposure. One roentgen (R) equals 2.58×10^{-4} coulombs/kilogram of air. (~~s~~See "Exposure".)~~.~~

DEPARTMENT OF NUCLEAR SAFETY

NOTICE OF ADOPTED AMENDMENTS

"Sealed source" means *any device containing radioactive material to be used as a source of radiation which has been constructed in such a manner as to prevent the escape of any radioactive material.* (See Ill. Rev. Stat. 1989, ch. 111½, par. 194(f).)

"Source material" means:

uranium or thorium, or any combination thereof, in any physical or chemical form; or

ores which contain by weight one-twentieth of one percent (0.05 percent) or more of:

uranium;

thorium; or

any combination thereof.

(Source material does not include special nuclear material.)

"Source of radiation" means any radioactive material or any device or equipment emitting, or capable of producing, radiation.

"Special nuclear material in quantities not sufficient to form a critical mass" means uranium enriched in the isotope U-235 in quantities not exceeding 350 grams of contained U-235; U-233 in quantities not exceeding 200 grams; plutonium in quantities not exceeding 200 grams; or any combination of them, except source material, in accordance with the following formula: For each kind of special nuclear material, determine the ratio between the quantity of that special nuclear material and the quantity specified above for the same kind of special nuclear material. The sum of such ratios for all of the kinds of special nuclear material in combination shall not exceed 1. For example, the following quantities in combination would not exceed the limitation and are within the formula:

$$\frac{175(\text{grams contained U-235})}{350} + \frac{50(\text{grams U-233})}{200} + \frac{50(\text{grams Pu})}{200} = 1$$

DEPARTMENT OF NUCLEAR SAFETY

NOTICE OF ADOPTED AMENDMENTS

"Survey" means an evaluation of the production, use, release, disposal, and/or presence of sources of radiation under a specific set of conditions to determine actual or potential radiation hazards. When appropriate, such evaluation includes, but is not limited to, tests, physical examinations, and measurements of levels of radiation or concentrations of radioactive material present.

"Test" means the process of verifying compliance with an applicable regulation.

"U.S. Department of Energy" means the Department of Energy (established by Public Law 95-91, August 4, 1977, 91 Stat. 565, 42 U.S.C. 7101 et seq.), to the extent that the Department exercises functions formerly vested in the U.S. Atomic Energy Commission, its Chairman, members, officers and components and transferred to the U.S. Energy Research and Development Administration and to the Administrator thereof pursuant to sections 104(b), (c) and (d) of the Energy Reorganization Act of 1974 (Public Law 93-438 October II, 1974, 88 Stat. 1233 at 1237, effective January 19, 1975) and retransferred to the Secretary of Energy pursuant to section 301(a) of the Department of Energy Organization Act (Public Law 95-91, August 4, 1977, 91 Stat. 565 at 577-578~~.~~, 42 U.S.C. 7ISI, effective October 1, 1977.)

"Unrefined and unprocessed ore" means ore in its natural form prior to any processing, such as grinding, roasting, beneficiating, or refining.

"Unrestricted area" means any area access to which is not controlled by the licensee or registrant for purposes of protection of individuals from exposure to radiation and radioactive material, and any area used for residential quarters.

"Waste handling licensees~~"~~ ~~mean~~ means a ~~persons~~ person licensed by the NRC, the Department, an Agreement State or a Licensing State to receive ~~and store~~ radioactive wastes for storage, treatment, or both storage and treatment prior to disposal ~~and/or persons~~ as well as any person licensed to ~~dispose of~~ receive radioactive waste for disposal away from the point of generation.

"Worker" means an individual engaged in work under a license or registration issued by the Department and controlled by a licensee or registrant, but does not include the licensee or registrant.

(Source: Amended at 15 Ill. Reg. 10604, effective July 15, 1991)

SAVE $3,999,994

Did you know we sell paperback books too?

To buy our entire catalog in paperback would cost over $4,000,000

Access it all now for $8.99/month

*Fair usage policy applies

Continue

b) *Whenever the Department believes upon inspection and examination of a radiation installation or a radiation source as constructed, operated, or maintained that there has been a violation of any of the Department's rules or regulations promulgated pursuant to the Act, the Department, in addition to taking other enforcement action, may impose a civil penalty, not exceeding $1,000 for such violation, provided each day the violation continues shall constitute a separate offense.* ~~(Ill. Rev. Stat. 1985, ch. 111½, par. 219)~~ (See Section 36 of the Act.)

c) *The penalties provided herein shall be recoverable in an action brought in the name of the people of the State of Illinois by the Attorney General.* (See Section 37 of the Act.)

(Source: Amended at 15 Ill. Reg. 10604, effective July 15, 1991)

Section 310.81 Policy for Assessment of Civil Penalties

a) *Whenever the Department believes upon inspection and examination of a radiation installation or a radiation source as constructed, operated or maintained that there has been a violation of any of the provisions of the Act or of any rules or regulations promulgated pursuant to the Act, the Department, in addition to taking other enforcement action, may impose a civil penalty not exceeding $1,000* per violation for each day the violation continues, in accordance with the provisions of this Section and Section 310.82. (See Section 36 of the Act.)

b) A civil penalty will be assessed whenever the Department, based on consideration of the factors set forth in subsection (c), determines that a civil penalty is appropriate and issues a Preliminary Order and Notice of Opportunity for Hearing, in accordance with 32 Ill. Adm. Code 200.60.

c) Factors to be Considered in Assessing Civil Penalties

1) The Department shall consider the factors contained in subsection (c)(2) to determine whether a penalty should be assessed, as provided in subsection (d), and the amount of the penalty.

2) The factors to be considered by the Department are:

A) History of Previous Violations. The Department shall consider the person's history of previous violations. Each prior violation will be considered without regard to whether it led to a civil penalty assessment. A

prior violation shall not be considered, however, if the notice or order relating to the prior violation is the subject of pending administrative or judicial review, or if the time to request such review or to appeal any administrative or judicial decision relating to the prior violation has not expired, and thereafter it shall be considered for only six years. Further, no violation for which a Preliminary or Final Order relating to the prior violation has been vacated, shall be considered.

B) Severity of the Violation. The Department shall consider the severity of the violation, including, but not limited to, contamination of the environment and any hazard to the health or safety of the public or to the employees of the person to whom the Preliminary Order was issued.

C) Negligence. The Department shall consider whether the person to whom the Preliminary Order was issued was negligent in causing, allowing, or failing to correct the violation, condition, or practice which led to the Preliminary Order.

d) Determination of the Amount of Penalty; Assessment of Separate Violations for Each Day

1) The Department may assess a civil penalty not to exceed one thousand dollars ($1,000) per violation for each day the violation continues. In determining whether to make such an assessment, the Department shall consider the factors listed in subsection (c).

2) When determining the amount of penalty, the Department shall consider each day of a continuing violation to be a separate violation.

(Source: Added at 15 Ill. Reg. 10604, effective July 15, 1991)

Section 310.82 Procedures for Assessment of Civil Penalties

a) Issuance of Assessment

1) If the Department assesses a civil penalty pursuant to Section 310.81(b), it shall do so by issuing a Preliminary Order and Notice of Opportunity for Hearing pursuant to 32 Ill. Adm. Code 200.

2) Along with such Preliminary Order and Notice of Opportunity for Hearing, the Department shall deliver by certified mail or personal service, a copy of the completed worksheets in Appendix C showing the computation of the assessment. A worksheet shall be completed for each violation.

b) Payment of Assessment

Unless a hearing has been requested, within thirty (30) days after receipt of the Preliminary Order, the person upon whom the penalty was assessed shall pay the penalty in full.

c) Procedures for Hearing

1) The person to whom the Preliminary Order and Notice of Opportunity for Hearing was issued may appeal the imposition of the civil penalty by submitting a written request for a hearing in accordance with 32 Ill. Adm. Code 200.

2) Upon receiving such a request for a hearing, the Department shall conduct a public hearing regarding the finding of violation or the penalty assessment, in accordance with the provisions of 32 Ill. Adm. Code 200.

3) After the hearing is held, the Director shall issue a Final Order in accordance with 32 Ill. Adm. Code 200.230.

d) Final Assessment and Payment of Penalty

1) If the person to whom a Preliminary Order and Notice of Opportunity for Hearing is issued fails to request a hearing as provided in subsection (b), the assessment shall become a final order of the Department and the penalty assessed shall become due and payable within the thirty (30) days from receipt of the Preliminary Order.

2) If the person to whom a Preliminary Order and Notice of Opportunity for Hearing is issued requests judicial review of a final order of the Department, the penalty assessed in accordance with Section 310.81(c) shall not be payable until completion of the review.

3) The civil penalties provided herein shall be recoverable in an action brought in the name of the people of the State of Illinois by the Attorney General.

(Source: Added at 15 Ill. Reg. 10604, effective July 15, 1991)

Section 310.90 Impounding

a) *Authority of Department in cases constituting an immediate threat to health. Notwithstanding any other provision of the Act, whenever the Department finds that a condition exists which constitutes an immediate threat to health due to the violation of any provisions of this Act or any code, rule, regulation or order promulgated under this Act and requiring immediate action to protect the public health or welfare, it may issue an order reciting the existence of such an immediate threat and the findings of the Department pertaining thereto. The Department may summarily cause the abatement of such violation or may direct the Attorney General to obtain an injunction against such violator.* (See Section 38 of the Act.)

b) *Such order shall be effective immediately but shall include notice of the time and place of a public hearing before the Department to be held within 30 days of the date of such order to assure the justification of such order. On the basis of such hearing the Department shall continue such order in effect, revoke it or modify it. Any party affected by an order of the Department shall have the right to waive the public hearing proceedings.* (See Section 38 of the Act.)

(Source: Amended at 15 Ill. Reg. 10604, effective July 15, 1991)

Section 310.130 The International System of Units (SI)

The Metric Conversion Act of 1975 (P.L. 94-168, 89 Stat. 1007, effective December 23, 1975) urged the increasing awareness and use of the International System of Units (SI). The generally accepted regulatory values in the narrative portions of this document are followed by the SI equivalents in parentheses. Where appropriate, schedules and appendices are provided with notes concerning conversion factors. The inclusion of the SI equivalent is for informational purposes ~~only~~.

a) absorbed dose - The unit of absorbed dose is the gray (Gy), which is equal to 1 joule per kilogram. One rad is equal to 1×10^{-2} gray. Sub-multiples included in this document are the milligray (mGy) and microgray (uGy).

b) dose equivalent - The unit of dose equivalent is the sievert (Sv) which is equal to 1 joule per kilogram. One rem is equal to 1×10^{-2} sievert. Sub-multiples included in this document are the millisievert (mSv) and the microsievert (uSv).

c) exposure - The unit of exposure is the coulomb per kilogram (C/kg). One roentgen is equal to 2.58×10^{-4} coulomb per kilogram. Sub-multiples of this unit are the millicoulomb per kilogram (mC/kg) and the microcoulomb per kilogram (uC/kg).

d) radioactivity - The unit of measurement of radioactivity is the becquerel (Bq) and is equal to one transformation per second. One curie is equal to 3.7×10^{10} becquerels. Multiples included in this document are kilobecquerel (kBq), megabecquerel (MBq), gigabecquerel (GBq), and petabecquerel (PBq).

(Source: Amended at 15 Ill. Reg. 10604, effective July 15, 1991)

Section 310.APPENDIX C Penalty Assessment Worksheet

Description of Violation — Maximum: $1,000

A. History of Compliance

If average violation/inspection over three full program reviews by Department personnel is:

0 - 5	$0
6 - 10	$100 (10%)
>10	$200 (20%)

B. Severity

Very small potential	$0
Potential environmental effects	$100 (10%)
Potential health effects	$200 (20%)
Environmental and Health effects	$400 (40%)

C. Negligence

Negligence	$100 (10%)
Recklessness	$200 (20%)
Willfulness	$400 (40%)

D. Civil Penalty Proposed for this Violation _____

Total of Civil Penalties Proposed _____ _____

AGENCY NOTE: For purposes of this assessment, the following definitions are to be used:

1) Negligence: Failure to act in accordance with statutes, regulations, or license conditions.

2) Recklessness: The act of placing employees or members of the general public at risk from radiation exposure.

3) Willfulness: The act of negligence or recklessness after the applicable requirements had been communicated to the person to whom the Preliminary Order is issued.

DEPARTMENT OF NUCLEAR SAFETY

NOTICE OF ADOPTED AMENDMENTS

AGENCY NOTE: A separate worksheet is used for each violation. The amount of the civil penalty is determined by obtaining the sum for all violations identified in the Preliminary Order.

(Source: Added at 15 Ill. Reg. 10604, effective July 15, 1991)

DEPARTMENT OF NUCLEAR SAFETY

NOTICE OF ADOPTED AMENDMENTS

1) Heading of the Part: LICENSING OF RADIOACTIVE MATERIAL

2) Code Citation: 32 Ill. Adm. Code 330

3)

Section Number:	Adopted Action:
330.10	Amendment
330.30	Amendment
330.200	Amendment
330.220	Amendment
330.240	Amendment
330.250	Amendment
330.260	Amendment
330.270	Amendment
330.280	Amendment
330.310	Amendment
330.320	Amendment
330.340	Amendment
330.400	Amendment
330.900	Amendment
APPENDIX B	Amendment
APPENDIX C	Repealed
APPENDIX D	Amendment
APPENDIX G	New Section
APPENDIX H	New Section

4) Statutory Authority: Implementing and authorized by the Radiation Protection Act of 1990 (Ill. Rev. Stat. 1990 Supp., ch. 111 1/2, par. 210-1 et seq.).

5) Effective Date of Amendments: July 15, 1991

6) Does this rulemaking contain an automatic repeal date? No

7) Does this amendment contain incorporations by reference? Yes, this amendment contains material incorporated pursuant to Section 6.02(a) of the Illinois Administrative Procedure Act. That section of the Act does not require the Joint Committee on Administrative Rules to issue forms of approval for such incorporations by reference.

8) Date Filed in Agency's Principal Office: July 5, 1991

9) Notice of Proposal Published in Illinois Register:

July 20, 1990, 14 Ill. Reg. 11471

10) Has JCAR issued a Statement of Objections to this rule? No

11) Difference(s) between proposal and final version:

a) In the Table of Contents, Section numbers have been inserted immediately before the word "APPENDIX" and the word "TABLE".

b) In the Authority Note, the correct title of the Act and the statutory citation has heen added.

c) In the Source Note, the word "Recodified" has been changed to the word "recodified".

d) In Section 330.30(c)(2)(C), line 4, the comma has been deleted after the word "glass".

e) In Section 330.30(c)(4), line 5, the comma has been deleted after the word "treatment".

f) In Section 330.30(c)(5), line 2, the comma has been deleted after the word "stored".

g) In Section 330.30(c)(5)(A), line 3, the phrase "or the Atomic Energy Commission" has been inserted immediately after the word "Commission" and the comma has been deleted.

h) In Section 330.30(c)(5)(B) and (c)(5)(C), Agency Note, line 4, the phrase "were manufactured under a specific license issued by the Atomic Energy Commission and were" has been inserted immediately after the word "counterweights" and the word "are" has been deleted; and on line 9, the phrase ", exclusive of subsequent amendments or additions" has been inserted immediately after "1969".

i) In Section 330.200(a) and (b), line 4, the statutory citation has been added; and on line 9, the phrase "32 Ill. Adm. Code 320, 330, 331, 335, 340, 341, 350, 400 and 601" has been changed to "32 Ill. Adm. Code: Chapter II".

j) In Section 330.220(b)(3)(C), line 1, the word "other" has been deleted and the phrase "(including testing required by subsection (b)(3)(B))" has been inserted immediately after the word "testing".

k) In Section 330.220(b)(3)(D), line 4, the phrase "leakage testing," has been inserted immediately after the word "installation"; and on line 18, the phrase ", other than records of tests for leakage of radioactive material," has been inserted immediately after the phrase "subsection (b)(3)(C)".

l) In Section 330.220(c)(1)(B), line 10, by changing "1989" to "1990".

m) In Section 330.220(e)(4), line 7, by changing "1989" to "1990" and inserting after "1990" the phrase "exclusive of subsequent amendments or additions"; and on line 14, by changing "1989" to "1990".

n) In Section 330.220(f)(2)(A), line 4, the phrase ", or" has been changed to a "."; subsection (f)(2)(B) has been deleted; and subsection (f)(2)(C) has been relabeled to subsection (f)(2)(B).

o) In Section 330.250(c)(1), line 1, the phrase "or (c)(5)" has been inserted immediately after the phrase "subsection (c)(4)"; and the phrase "32 Ill. Adm. Code 200 and 340, or orders issued thereunder" has been changed to the phrase "32 Ill. Adm. Code: Chapter II, Subchapters b and d".

p) In Section 330.250(c)(1)(A), lines 1 through 3, the phrase "Pursuant to Section 6(a)(5) of the Radiation Protection Act (Ill. Rev. Stat. 1989, ch. 111 1/2, par. 216(a)(5)), and as otherwise provided, financial surety" has been replaced with the word "Financial"; and on line 6, the phrase "letters or lines of credit" has been changed to the phrase "letters of credit"; and on line 16, in the phrase "32 Ill. Adm. Code 340, Appendix C" the comma has been replaced with a period.

q) In Section 330.250(c)(1)(A)(i), line 5, in the phrase "32 Ill. Adm. Code 340, Appendix C" the comma has been replaced with a period.

r) In Section 330.250(c)(1)(B), line 1, the word "arrangement" has been changed to the word "arrangements"; and on line 2, the word "Nuclear" has been replaced with the word "Radioactive"; and on line 6, the word "as" has been deleted between the phrase "determined necessary".

s) In Section 330.250(c)(1)(B)(ii), line I, the word "arrangement" has been changed to the word "arrangements".

t) In Section 330.250(c)(1)(B)(iii), lines 1 through 5 have been rewritten as follows: "When a change in activities not requiring a license amendment would raise the cost estimate for reclaiming to an amount greater than the amount of financial surety currently filed with the Division Chief, the licensee shall, within".

u) In Section 330.250(c)(1)(B)(iv), line 1, the word " Whenever" has been changed to the word "When"; and on line 5, the word "will" has been changed to the word "shall".

v) In Section 330.250(c)(1)(B)(v), lines 1 through 4 have been rewritten as follows: "When the current reclaiming cost estimate decreases, upon the written request of the licensee, and provided that the decrease is verified by the Division Chief, the Division Chief"; and on lines 9, 13 and 14, the word "arrangement(s)" has been changed to the word "arrangements".

w) In Section 330.250(c)(1)(B)(vi), line 3, the word "the" has been deleted immediately before the word "termination".

x) In Section 330.250(c)(1)(C)(i), line 7, the phrase "Any such" has been changed to the word "Such".

y) In Section 330.250(c)(1)(D), line 2, the word "arrangement(s)" has been changed to the word "arrangements".

z) In Section 330.250(c)(1)(G), lines 8 and 13, the word "must" has been changed to the word "shall".

aa) In Section 330.250(c)(1)(H), line 2, the word "Arrangement" has been changed to the word "Arrangements" and the word "an" has been deleted; on lines 3, 7 and 9, the word "arrangement" has been changed to the word "arrangements"; and on line 9, the word "has" has been changed to the word "have".

bb) In Section 330.250(c)(3)(A), lines 1 and 2, the phrase "as defined in 32 Ill. Adm. Code 310.20" has been added.

cc) In Section 330.250(c)(3)(G), line 3, the phrase "exclusive of subsequent amendments or additions" has been inserted immediately after "50,"; and on line 4, the semi-colon and the word "and" has been changed to a "."; and subsection (H) has been deleted.

dd) In Section 330.250(c)(4)(A), line 2, the word "subsections" has been changed to the word "subsection".

ee) In Section 330.250(c)(4)(B), line 1, by inserting the word "and" after the "semi-colon"; in the Agency Note, line 2, the word "whose" has been changed to the phrase "which has as its primary"; and on line 3, the word "is" has been deleted; and on line 5, the word "Accreditation" has been deleted, and the phrase "of Colleges and Schools" has been inserted immediately after the word "Association".

ff) In Section 330.250(c)(4)(C), line 1, the word "those" has been inserted immediately after the word "only"; and on line 3, the semi-colon has been changed to a "period". Subsections (c)(4)(D) through (L) have been moved to new subsection (c)(5) and relabeled "(A) through (I)". Subsection (c)(5) reads as follows "Unless also described in subsection (c)(3), the following persons are exempt from the requirements of subsection (c)(1):". The language under old subsection (c)(5) has been deleted.

gg) In Section 330.250(d), Agency Note, line 2, the comma immediately after the word "Commission" has been deleted.

hh) In Section 330.260(a), line 2, the phrase "In addition to the requirements set forth in Section 330.250, a" has been changed to the word "A"; and on line 4, the word "will" has been changed to the word "shall" and the word "only" has been inserted immediately after the word "issued"; and on line 5, the phrase "and the requirements set forth in Section 330.250" has been inserted immediately before the period.

ii) In Section 330.260(b), line 3, the word "will" has been changed to the word "shall" and the word "only" has been inserted immediately after the word "approved".

jj) In Section 330.260(c)(1)(A), lines I through 4, have been rewritten as follows:

"A) Repackaged from prepared radiopharmaceuticals:

i) that are the subject of a U.S. Food and Drug Administration (FDA) approved "New Drug Application" (NDA), or

ii) for which the FDA has accepted an "Investigational New Drug Application (IND), or"

kk) In Section 330.280(a)(1), line 6, the phrase "to persons exempted from this Part pursuant to Sections 330.30 or 330.40(a)" has been inserted immediately after the word "material".

ll) In Section 330.280(d)(1)(B)(iii), a space has been added immediately before the numbers "15" and "50" in the dose table.

mm) In Section 330.280(d)(1)(C)(iii), the statement under "Devices Containing Naturally-Occurring Radioactive Material" a comma has been inserted after the blank line in the "Serial No.".

nn) In Section 330.280(f), line 6, the phrase "for distribution" has been inserted immediately after the word "radium-226".

oo) In Section 330.280(g)(5), line 2, the phrase "as to" has been changed to the word "about"; on line 3, the word "observed" has been changed to the word "followed"; and on lines 5 and 6, the word "must" has been changed to the word "shall".

pp) In Section 330.280(j)(5), line 2, the comma has been deleted immediately after the word "leaflet" and the comma has been deleted after the word "generator".

qq) In Section 330.280(k)(4), line 2, the word "or" has been changed to the word "of".

rr) In Section 330.280(m)(2)(B)(iii), has been rewritten as follows: "Details of design of the sealed source, including blueprints, engineering drawings or annotated drawings;".

ss) In Section 330.280(m)(2)(B)(iv), a new subsection (iv) has been inserted and reads as follows: "Details of construction of the sealed source including a description of materials used in construction"; old subsections (iv) through (ix) have been relabeled as "(v) through (x)".

tt) In Section 330.280(m)(2)(C)(iii), has been rewritten as follows: "Details of design of the sealed source, including blueprints, engineering drawings or annotated drawings;".

uu) In Section 330.280(m)(2)(C)(iv), a new subsection (iv) has been inserted and reads as follows: "Details of construction of the sealed source including a description of materials used in construction"; old subsections (iv) through (xii) have been relabeled as "(v) through (xiii)".

vv) In Section 330.280(m)(2)(D), line 4, the phrase "I/I/89" has been changed to the phrase "January 1, 1990, exclusive of subsequent amendments or editions".

ww) In Section 330.280(m)(2)(E)(ii), lines 1 through 6, have been rewritten as follows:

"ii) The provisions of the evaluation sheet prepared by the Department and submitted to the U.S. Department of Health and Human Services, for filing in the "Radioactive Material Reference Manual" or to the U.S. Nuclear Regulatory Commission, for filing in the "Registry of Radioactive Sealed Sources and Devices".

xx) In Section 330.280(n), lines 2 through 5, bave been rewritten by deleting the language immediately after the period on line 2 and inserting in lieu thereof the following: "A specific license authorizing the distribution of radioactive materials for diagnostic medical use by a physician under a general license shall be issued only i1 the applicant for the specific license satisfies the requirements of Section 330.250 and:".

yy) In Section 330.280(n)(2)(A), line 6, the word "State" has been changed to the word "state".

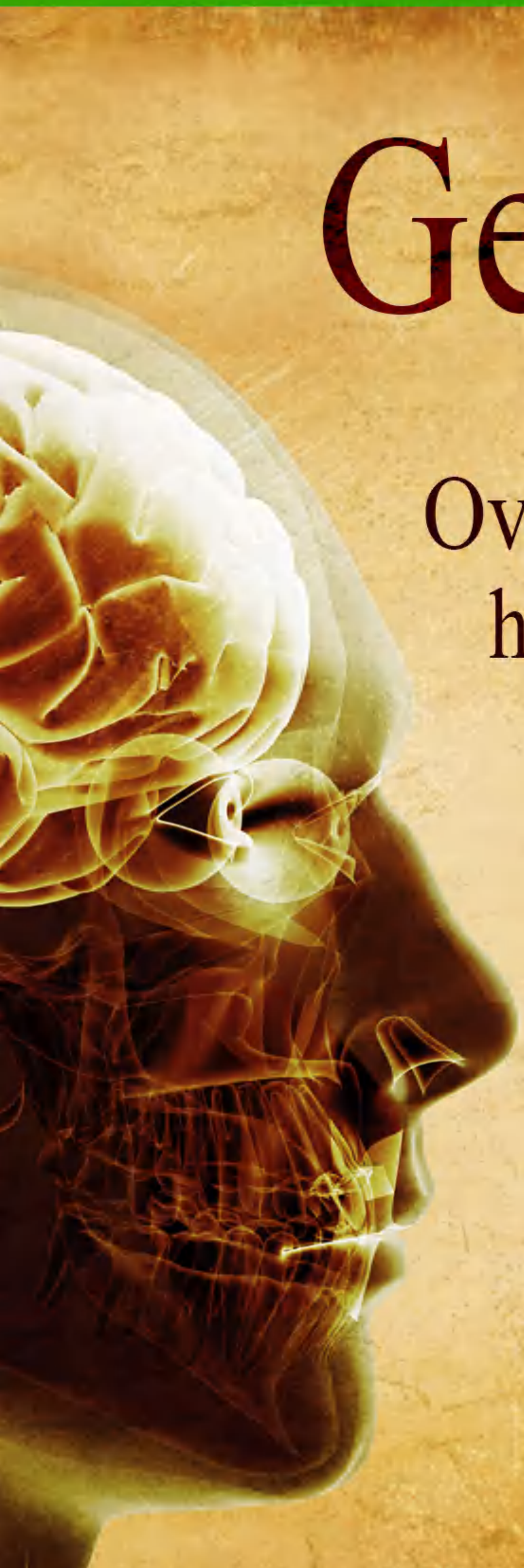
zz) In Section 330.310(a), line 2, the phrase "of 1990" has been inserted immediately after the word "Act"; and the statutory citation has been changed.

aaa) In Section 330.310(d), line I, the phrase "when the licensee decides to permanently discontinue all activities involving materials authorized under the license" has been changed to the phrase "prior to commencing activities to reclaim the licensed facility".

bbb) In Section 330.320(d)(1)(B), line 2, the phrase "32 Ill. Adm. Code 340, Appendix C" has been changed to the phrase "32 Ill. Adm. Code 340.Appendix C".

ccc) In Section 330.900(a)(1) and (b)(1), last line, the phrase "calendar year" has been changed to the phrase "12 month period".

ddd) In Section 330.Appendix B, C, D, G, H, in the Section title, the space has been deleted after "330".



Get Smart

Over 2,000 years of human knowledge in 797,885 volumes

Instant access $8.99/month

Continue

*Fair usage policy applies

"securities" has been changed to a "comma", and the word "He" has been changed to the word "he"; on line 6, the comma after "340" has been changed to a "period"; and on line 7, the word "The" has been changed to the phrase "In addition, the".

yyy) In Section 330.Appendix G, subsection (e), line 1, the word "An" has been changed to the phrase "If an"; on line 2, the phrase "may satisfy the" has been changed to the phrase "elects to satisfy the surety"; on line 5, the period immediately after the word "surety" has been changed to a "comma", and the word "The" has been changed to the word "the".

zzz) In Section 330.Appendix H, a period has been inserted after "330" in the Section title.

aaaa) In Section 330.Appendix H (1), on line 2, the comma has been deleted immediately after the word "Part"; and in the paragraph beginning "OR, if the Principal shall provide alternate financial assurance", on line 3, a comma has been inserted immediately after the word "Chief"; on line 4, the word "Nuclear" has been changed to the word "Radioactive"; on line 8, the comma has been changed to a semi-colon immediately after the word "void" and a comma has been inserted immediately after the word "otherwise"; and in the paragraph beginning "The Surety(ies) may cancel the bond", on line 3, the comma has been changed to a semi-colon immediately after the word "Chief"; and in the paragraph beginning "The Principal may terminate this bond", on line 2, the comma has been changed to a semi-colon immediately after the word Surety(ies).

bbbb) In Section 330.Appendix H (2), the phrase "Division of Nuclear Materials" has been changed to the phrase "Division of Radioactive Materials"; and in the paragraph beginning "We hereby establish our Irrevocable" on line 1, a blank space has been inserted immediately after the phrase "Credit No.".

cccc) In Section 330.Appendix H (3), the phrase "Division of Nuclear Materials" has been changed to the phrase "Division of Radioactive Materials".

dddd) In Section 330.Appendix H (5), the phrase "Division of Nuclear Materials" has been changed to the phrase "Division of Radioactive Materials"; and the phrase "ASSIGNMENT OF CORPORATE OF MUNICIPAL BOND" has been changed to the phrase "ASSIGNMENT OF CORPORATE OR MUNICIPAL BOND".

12) Have all the changes agreed upon by the agency and JCAR been made as indicated in the agreement letter issued by JCAR? Yes

13) Will this amendment replace an emergency rule currently in effect? No

14) Are there any amendments pending on this Part? No

15) Summary and Purpose of Amendments: These amendments:

A) amend Section 330.30 to exempt certain glassware and glass enamel from the licensure requirements;

B) amend Section 330.220 to clarify that specific licensees who transfer certain materials to general licensees must also give the general licensees a copy of subsection 330.220(b). This Section also clarifies that general licensees must comply with the Department's rules governing transportation of radioactive material;

C) add subsection 330.240(g) and amend subsection 330.280(m) to clarify the information that must be submitted to the Department for licensing and evaluation for distribution of sealed sources and devices containing sealed sources;

D) amend Section 330.250(c) to clarify the Department's financial surety requirements, to add additional exemptions from these requirements, to specify that financial surety must be based on authorized, rather than actual possession and to add two new Appendices that provide exemplars of financial surety instruments;

E) amend Section 330.260 by deleting specific requirements for obtaining licenses to use radioactive materials in the healing arts and inserting a reference to Part 335, Use of Radionuclides in the Healing Arts;

F) amend Section 330.260(c) to add additional requirements for pharmacy licensees using radioactive material;

G) amend subsection 330.280(e) to add a requirement that licensees report annually, the amount of tritium or promethium-147 transferred to general licensees;

H) add a new subsection 330.280(n) to establish requirements for specific licenses authorizing the manufacture and distribution of radioactive material for medical use under a general license;

I) amend Section 330.310 to add a requirement that licensees notify the Department upon filing of a petition in bankruptcy;

J) amend Section 330.320 to clarify the distinction between expiration of a license and termination of a license;

K) amend Section 330.340 to clarify that the Department will not issue amendments to licenses for naturally occurring or accelerator produced material to authorize use or possession of source, byproduct or special nuclear material;

L) amend Section 330.900 to clarify the Department's procedures for reciprocal recognition of licenses;

M) update the citations to the Code of Federal Regulations; and

N) make clerical corrections throughout the rule.

16) Information and questions regarding this adopted amendment shall be directed to:

Betsy Salus
Senior Staff Attorney
Department of Nuclear Safety
1035 Outer Park Drive
Springfield, Illinois 62704
(217) 785-9881

The full text of the Adopted Amendment begins on the next page:

TITLE 32: ENERGY
CHAPTER II: DEPARTMENT OF NUCLEAR SAFETY
SUBCHAPTER b: RADIATION PROTECTION

PART 330
LICENSING OF RADIOACTIVE MATERIAL

SUBPART A: GENERAL PROVISIONS

SUBPART B: TYPES OF LICENSES

SUBPART C: SPECIFIC LICENSES

AUTHORITY: Implementing and authorized by the Radiation Protection Act of 1990 (Ill. Rev. Stat. ~~1985~~ 1990 Supp., ch. 111½, pars. ~~211~~ 210-1 et seq.).

SOURCE: Filed April 20, 1974, by the Department of Public Health; transferred to the Department of Nuclear Safety by P.A. 81-1516, effective December 3, 1980; amended at 5 Ill. Reg. 9586, effective September 10, 1981; codified at 7 Ill. Reg. 17492; ~~Recodified~~ recodified at 10 Ill. Reg. 11268; amended at 10 Ill. Reg. 17315, effective September 25, 1986; amended at 15 Ill. Reg. 10632, effective July 15, 1991.

SUBPART A: GENERAL PROVISIONS

Section 330.10 Purpose and Scope

a) This Part provides for the licensing of radioactive material. No person shall receive, possess, utilize, manufacture, distribute, transfer, own, or acquire radioactive material or devices or equipment utilizing or producing such materials except as authorized in a specific or general license issued pursuant to this Part or as otherwise provided in this Part.

b) In addition to the requirements of ~~Section 330.10(a)~~ subsection (a), all licensees are subject to the requirements of this Part, and 32 Ill. Adm. Code 310, 320, ~~330,~~ 331, 340, 341 and 400. Licensees engaged in industrial radiographic operations are subject to the requirements of 32 Ill. Adm. Code 350. Licensees using ~~sealed sources~~ radioactive material in the healing arts are subject to the requirements of 32 Ill. Adm. Code ~~370~~ 335 and licensees engaged in wireline and subsurface tracer studies are subject to the requirements of 32 Ill. Adm. Code 351. The requirements of ~~32 Ill. Adm. Code 330~~ this Part do not apply to carriers. Carriers are subject to the requirements of 32 Ill. Adm. Code 341.

(Source: Amended at 15 Ill. Reg. 10632, effective July 15, 1991)

Section 330.30 License Exemption - Source Material

a) Any person is exempt from this Part to the extent that such person receives, possesses, uses, owns, or transfers source material in any chemical mixture, compound, solution, or alloy in which the source material is by weight less than 1/20 of I percent (0.05 percent) of the mixture, compound, solution, or alloy.

b) Any person is exempt from this Part to the extent that such person receives, possesses, uses, or transfers unrefined and unprocessed ore containing source material; provided that, except as authorized in a specific license, such person shall not refine or process such ore.

c) Any person is exempt from this Part to the extent that such person receives, possesses, uses, or transfers:

I) Any quantities of thorium contained in:

A) Incandescent gas mantles,

B) Vacuum tubes,

C) Welding rods,

D) Electric lamps for illuminating purposes provided that each lamp does not contain more than 50 milligrams of thorium,

E) Germicidal lamps, sunlamps~~,~~ and lamps for outdoor or industrial lighting provided that each lamp does not contain more than 2 grams of thorium,

F) Rare earth metals and compounds, mixtures~~,~~ and products containing not more than 0.25 percent by weight thorium, uranium, or any combination of these, or

G) Personnel neutron dosimeters, provided that each dosimeter does not contain more than 50 milligrams of thorium.

2) Source material contained in the following products:

A) Glazed ceramic tableware, provided that the glaze contains not more than 20 percent by weight source material,

B) Piezoelectric ceramic containing not more than 2 percent by weight source material~~.~~,

C) Glassware containing not more than 10 percent by weight source material, but not including commercially manufactured glass brick, pane glass, ceramic tile, or other glass or ceramic used in construction, and

D) Glass enamel or glass enamel frit containing not more than 10 percent by weight source material imported or ordered for importation into the United States, or initially distributed by manufacturers in the United States, before July 25, 1983.

3) Photographic film, negatives~~,~~ and prints containing uranium or thorium.

4) Any finished product or part fabricated of, or containing, tungsten-thorium or magnesium-thorium alloys, provided that the thorium content of the alloy does not exceed 4 percent by weight and that this exemption shall not be deemed to authorize the chemical, physical, or metallurgical treatment~~,~~ or processing of any such product or part.

5) Uranium contained in counterweights installed in aircraft, rockets, projectiles~~,~~ and missiles, or stored~~,~~ or handled in connection with installation or removal of such counterweights, provided that:

A) The counterweights are manufactured in accordance with a specific license issued by the U.S. Nuclear Regulatory Commission~~,~~ or the Atomic Energy Commission authorizing distribution by the licensee pursuant to 10 CFR 40.13(c)(5)(i), as in effect on June 30, 1969~~.~~,

B) Each counterweight has been impressed with the following legend clearly legible through any plating or other covering: "DEPLETED URANIUM",*

AGENCY NOTE: The requirement specified in subsection (c)(5)(B) does not need to be met by counterweights manufactured prior to December 31, 1969; provided that such counterweights were manufactured under a specific license issued by the Atomic Energy Commission and were impressed with the legend, "CAUTION - RADIOACTIVE MATERIAL - URANIUM", as previously required by 10 CFR 40.13(c)(5)(ii), as in effect June 30, 1969, exclusive of subsequent amendments or additions. A copy of this rule is available for public inspection at the Department of Nuclear Safety (Department).

C) Each counterweight is durably and legibly labeled or marked with the identification of the manufacturer and the statement: "UNAUTHORIZED ALTERATIONS PROHIBITED~~*,~~", and

~~*~~AGENCY NOTE: The ~~requirements~~ requirement specified in ~~Section 330.30~~ subsection (c)(5)~~(B) and~~ (C) does not need ~~not~~ to be met by counterweights manufactured prior to December 31, 1969; provided that such counterweights ~~are~~ were manufactured under a specific license issued by the Atomic Energy Commission and were impressed with the legend, "CAUTION - RADIOACTIVE MATERIAL - URANIUM", as previously required by 10 CFR 40.13(c)(5)(ii), as in effect June 30, 1969, exclusive of subsequent amendments or additions. A copy of this rule is available for public inspection at the Department ~~of Nuclear Safety (Department)~~.

D) This exemption shall not be deemed to authorize the chemical, physical, or metallurgical treatment or processing of any such counterweights other than repair or restoration of any plating or covering.

6) Natural or depleted uranium metal used as shielding constituting part of any shipping container, provided that:

A) The shipping container is conspicuously and legibly impressed with the legend, "CAUTION- RADIOACTIVE SHIELDING-URANIUM"; and

B) The uranium metal is encased in mild steel or equally fire resistant metal of minimum wall thickness of one-eighth inch (3.2mm).

7) Thorium contained in finished optical lenses, provided that each lens does not contain more than 30 percent by weight of thorium, and that this exemption shall not be deemed to authorize either:

A) The shaping, grinding, or polishing of such lens or manufacturing processes other than the assembly of such lens into optical systems and devices without any alteration of the lens, or

B) The receipt, possession, use, or transfer of thorium contained in contact lenses, or in spectacles, or in eyepieces in binoculars or other optical instruments.

8) Uranium contained in detector heads for use in fire detection units, provided that each detector head contains not more than 0.005 microcurie of uranium; or

9) Thorium contained in any finished aircraft engine part containing nickel-thoria alloy, provided that:

A) The thorium is dispersed in the nickel-thoria alloy in the form of finely divided thoria (thorium dioxide), and

B) The thorium content in the nickel-thoria alloy does not exceed 4 percent by weight.

d) The exemptions in ~~Section 330.30~~ subsection (c) do not authorize the manufacture of any of the products described.

e) Any licensee is exempt from the requirements of this Part to the extent that its activities are subject to the requirements of 32 Ill. Adm. Code 601, except as specifically provided for in 32 Ill. Adm. Code 601.

(Source: Amended at 15 Ill. Reg. 10632, effective July 15, 1991)

SUBPART B: TYPES OF LICENSES

Section 330.200 Types of Licenses

Licenses for radioactive materials are of two types: general and specific.

a) "General license" means a license, set forth in this Part and 32 Ill. Adm. Code 341, which is *effective without the filing of an application to transfer, acquire, own, possess, or use quantities of, or devices or equipment utilizing radioactive material*, (Ill. Rev. Stat. ~~1985~~ 1990 Supp., ch. 111½, par. ~~213.4~~ 210-4(d)), although the filing of a certificate with the Department may be required by the particular general license. The general licensee is subject to all other applicable portions of 32 Ill. Adm. Code ~~320, 330, 331, 340, 341, 350, 351, 370, 400 and 601~~ : Chapter II and any limitations of the general license.

b) "Specific license" means a license, as set forth in this Part, *issued after application to use, manufacture, produce, transfer, receive, acquire, own, or possess quantities of, or devices or equipment utilizing radioactive material* (Ill. Rev. Stat. ~~1985~~ 1990 Supp., ch. 111½, par. ~~213.13~~ 210-4(m)). The licensee is subject to all applicable portions of 32 Ill. Adm. Code ~~320, 330, 331, 340, 341, 350, 351, 370, 400 and 601~~ : Chapter II as well as any limitations specified in the licensing document.

(Source: Amended at 15 Ill. Reg. 10632, effective July 15, 1991)

Section 330.220 General Licenses - Radioactive Material Other Than Source Material

a) Certain Devices and Equipment. A general license is hereby issued to transfer, receive, acquire, own, possess, and use radioactive material incorporated in the following devices or equipment which have been manufactured, tested, and labeled by the manufacturer in accordance with a specific license issued to the manufacturer by the U.S. Nuclear Regulatory Commission for use pursuant to Section 31.3 of 10 CFR 31. This general license is subject to the provisions of 32 Ill. Adm. Code 310.40 through 310.90, 340*, 341,

DEPARTMENT OF NUCLEAR SAFETY

NOTICE OF ADOPTED AMENDMENTS

400, and Sections 330.40(a)(2), 330.310, 330.400, and 330.500 of this Part.

*AGENCY NOTE: Attention is directed particularly to the provisions of 32 Ill. Adm. Code 340 which relate to the labeling of containers.

1) Static Elimination Device. Devices designed for use as static eliminators which contain, as a sealed source or sources, radioactive material consisting of a total of not more than 500 microcuries (18.5 MBq) of polonium-210 per device.

2) Ion Generating Tube. Devices designed for ionization of air which contain, as a sealed source or sources, radioactive material consisting of a total of not more than 500 microcuries (18.5 MBq) of polonium-210 per device or a total of not more than 50 millicuries (1.85 GBq) of hydrogen-3 (tritium) per device.

~~d~~ b) Certain Measuring, Gauging or Controlling Devices.

1) A general license is hereby issued to commercial and industrial firms and to research, educational, and medical institutions, individuals in the conduct of their business~~,~~ and State or local government agencies to own, receive, acquire, possess, use, or transfer in accordance with the provisions of ~~Section 330.200(d)~~ subsection (b)(2), (3)~~,~~ and (4), radioactive material, excluding special nuclear material, contained in devices designed and manufactured for the purpose of detecting, measuring, gauging, or controlling thickness, density, level, interface location, radiation, leakage, or qualitative or quantitative chemical composition, or for producing light or an ionized atmosphere.

2) The general license in ~~Section 330.220(d)~~ subsection (b)(1) applies only to radioactive material contained in devices which have been manufactured and labeled in accordance with the specifications contained in a specific license issued by the Department pursuant to Section 330.280(d) or in accordance with the specifications contained in a specific license issued by the U.S. Nuclear Regulatory Commission, an Agreement State, or a Licensing State, which authorizes distribution of devices to persons generally licensed by the U.S. Nuclear Regulatory Commission, an Agreement State, or a

DEPARTMENT OF NUCLEAR SAFETY

NOTICE OF ADOPTED AMENDMENTS

Licensing State.*

*AGENCY NOTE: Regulations under the Federal Food, Drug~~,~~ and Cosmetic Act authorizing the use of radioactive control devices in food production require certain additional labeling thereon which is found in 21 CFR 179.21.

3) Any person who owns, receives, acquires, possesses, uses, or transfers radioactive material in a device pursuant to the general license in ~~Section 330.220(d)~~ subsection (b)(1):

A) ~~s~~Shall assure that all labels affixed to the device at the time of receipt, and bearing a statement that removal of the label is prohibited, are maintained thereon and shall comply with all instructions and precautions provided by such labels;

B) ~~s~~Shall assure that the device is tested for leakage of radioactive material and proper operation of the "on-off" mechanism and indicator, if any, at no longer than 6-month intervals or at such other intervals as are specified in the label; however,

i) ~~d~~Devices containing only krypton need not be tested for leakage of radioactive material, and

ii) ~~d~~Devices containing only tritium or not more than 100 microcuries (3.7 MBq) of other ~~beta- and/or gamma-~~ beta and/or gamma emitting material or 10 microcuries (0.37 MBq) of ~~alpha-emitting~~ alpha emitting material and devices held in storage in the original shipping container prior to initial installation need not be tested for any purpose;

C) ~~s~~Shall assure that ~~other~~ testing (including testing required by subsection (b)(3)(B)), installation, servicing~~,~~ and removal from installation involving the radioactive material, its shielding or containment, are performed:

i) ~~i~~In accordance with the instructions provided by the labels, or

ii) ~~b~~By a person holding an applicable specific license from the Department, the U.S. Nuclear

Regulatory Commission, an Agreement State, or a Licensing State to perform such activities;

D) ~~s~~Shall maintain records showing compliance with the requirements of ~~Section 330.220(d)~~ subsections (b)(3)(B) and (3)(C). The records shall show the results of tests concerning the installation, leakage testing, servicing and removal of radioactive material, its shielding or containment. The records also shall show the dates of performance of, and the names of persons performing~~, testing, installation, servicing, and removal from installation concerning the radioactive material, its shielding or containment~~ these tests. Records of tests for leakage of radioactive material required by ~~Section 330.220(d)~~ subsection (b)(3)(B) shall be maintained for 1 year after the next required leak test is performed or until the sealed source is transferred or disposed of. Records of tests of the "on-off" mechanism and indicator required by ~~Section 330.220(d)~~ subsection (b)(3)(B) shall be maintained for 1 year after the next required test of the "on-off" mechanism and indicator is performed or until the sealed source is transferred or disposed of. Records which are required by ~~Section 330.220(d)~~ subsection (b)(3)(C), other than records of tests for leakage of radioactive material, shall be maintained for a period of 2 years from the date of the recorded event or until the device is transferred or disposed of;

E) ~~u~~Upon the occurrence of a failure of or damage to, or any indication of a possible failure of or damage to, the shielding of the radioactive material or the "on-off" mechanism or indicator, or upon the detection of 0.005 microcurie (185 Bq) or more removable radioactive material, shall immediately suspend operation of the device until it has been repaired by the manufacturer or other person holding an applicable specific license from the Department, the U.S. Nuclear Regulatory Commission, an Agreement State, or a Licensing State to repair such devices, or disposed of by transfer to a person authorized by an applicable specific license to receive the radioactive material contained in the device and, within 30 days, furnish to the Department a report containing a brief description of the event and the remedial action taken;

F) ~~s~~Shall not abandon the device containing radioactive material;

G) ~~e~~Except as provided in ~~Section 330.220(d)~~ subsection (b)(3)(H), shall transfer or dispose of the device containing radioactive material only by transfer to a specific licensee of the Department, the U.S. Nuclear Regulatory Commission, an Agreement State, or a Licensing State whose specific license authorizes him to receive the device and within 30 days after transfer of a device to a specific licensee shall furnish to the Department a report containing identification of the device by manufacturer's name and model number and the name and address of the person receiving the device. No report is required if the device is transferred to the specific licensee in order to obtain a replacement device;

H) ~~s~~Shall transfer the device to another general licensee only:

i) w~~W~~here the device remains in use at a particular location. In such case the transferor shall give the transferee a copy of ~~this regulation~~ subsection (b) and any safety documents identified in the label on the device and within 30 days of the transfer, report to the Department the manufacturer's name and model number of device transferred, the name and address of the transferee~~,~~ and the name and/or position of an individual who may constitute a point of contact between the Department and the transferee; or

ii) w~~W~~here the device is held in storage in the original shipping container at its intended location of use prior to initial use by a general licensee;

I) ~~s~~Shall comply with the provisions of 32 Ill. Adm. Code 340.4020 and 340.4030 for reporting radiation incidents, theft, or loss of licensed material, but shall be exempt from the other requirements of 32 Ill. Adm. Code 340 and 400.

SAVE $3,999,994

Did you know we sell paperback books too?

To buy our entire catalog in paperback would cost over $4,000,000

Access it all now for $8.99/month

*Fair usage policy applies

Continue

DEPARTMENT OF NUCLEAR SAFETY

NOTICE OF ADOPTED AMENDMENTS

4) The general licenses in ~~Section 330.220(g)~~ subsections (e)(1), (2) and (3) apply only to calibration or reference sources which have been manufactured in accordance with the specifications contained in a specific license issued to the manufacturer or importer of the sources by the U.S. Nuclear Regulatory Commission pursuant to Section 32.57 of 10 CFR 32 or Section 70.39 of 10 CFR 70, revised as of January 1, ~~1985~~ 1990, or which have been manufactured in accordance with the specifications contained in a specific license issued by the Department, any Agreement State, or Licensing State pursuant to licensing requirements equivalent to those contained in Section 32.57 of 10 CFR 32 or Section 70.39 of 10 CFR 70, revised as of January 1, ~~1985~~ 1990, exclusive of subsequent amendments or additions. Licensing requirements contained in subsequent amendments or editions of 10 CFR 32 or 10 CFR 70 are not incorporated into this ~~rule~~ Part. Copies of 10 CFR 32 and 10 CFR 70 are available for public inspection at the Department of Nuclear Safety.

5) The general licenses provided in ~~Section 330.220(g)~~ subsections (e)(1), (2)~~,~~ and (3) are subject to the provisions of 32 Ill. Adm. Code 310.40 through 310.90, 340, 341, 400~~,~~ and Sections 330.310, 330.400~~,~~ and 330.500 of this Part. In addition, persons who own, receive, acquire, possess, use, or transfer one or more calibration or reference sources pursuant to these general licenses:

A) ~~s~~Shall not possess at any one time, at any one location of storage or use, more than 5 microcuries (185 kBq) of americium-241, 5 microcuries (185 kBq) of plutonium, or 5 microcuries (185 kBq) of radium-226 in such sources;

B) ~~s~~Shall not receive, possess, use, or transfer such source unless the source, or the storage container, bears a label which includes one of the following statements, as appropriate, or a statement which contains the information called for in one of the following statements, as appropriate:

i) The receipt, possession, use~~,~~ and transfer of this source, Model_____, Serial No._____, are subject to a general license and the regulations of the U.S. Nuclear Regulatory Commission or of a State with which the Commission has entered into an agreement for the exercise of regulatory authority. Do not remove this label.

CAUTION - ~~RADIO-ACTIVE~~ RADIOACTIVE MATERIAL - THIS SOURCE CONTAINS (AMERICIUM-241)~~-~~ (PLUTONIUM)*. DO NOT TOUCH RADIOACTIVE PORTION OF THIS SOURCE.

_____
Name of Manufacturer or Importer

*AGENCY NOTE: Showing only the name of the appropriate material.

ii) The receipt, possession, use~~,~~ and transfer of this source, Model_____, Serial No._____, are subject to a general license and the regulations of a Licensing State. Do not remove this label.

CAUTION - RADIOACTIVE MATERIAL - THIS SOURCE CONTAINS RADIUM-226. DO NOT TOUCH RADIOACTIVE PORTION OF THIS SOURCE.

_____
Name of Manufacturer or Importer

C) ~~s~~Shall not transfer, abandon, or dispose of such source except by transfer to a person authorized by a license from the Department, the U.S. Nuclear Regulatory Commission, an Agreement State, or a Licensing State to receive the source;

D) ~~s~~Shall store such source, except when the source is being used, in a closed container adequately designed and constructed to contain americium-241, plutonium, or radium-226 which might otherwise escape during storage; and

E) ~~s~~Shall not use such source for any purpose other than the calibration of radiation detectors or the standardization of other sources.

6) These general licenses do not authorize the manufacture of calibration or reference sources containing americium-241, plutonium, or radium-226.

DEPARTMENT OF NUCLEAR SAFETY

NOTICE OF ADOPTED AMENDMENTS

h) Medical Diagnostic Uses.*

*AGENCY NOTE: Section 330.280(g) requires manufacturers of radiopharmaceuticals which are under the general license in this paragraph to affix a certain identifying label to the container or in the leaflet or brochure which accompanies the radiopharmaceutical.

*AGENCY NOTE: The New Drug provisions of the Federal Food, Drug, and Cosmetic Act (21 U.S.C. 505(i)) also govern the availability and use of any specific diagnostic drugs in interstate commerce.

1) A general license is hereby issued to any physician to receive, possess, transfer, or use radioactive material set forth below for the stated diagnostic uses, provided, however, that the use is in accordance with the provision of Section 330.220(h)(2), (3), and (4); the radioactive material is in the form of capsules, disposable syringes, or other prepackaged individual doses; and the radioactive material has been manufactured in accordance with a specific license issued by the Department pursuant to Section 330.280(g), or by the U.S. Nuclear Regulatory Commission, any Agreement State, or a Licensing State pursuant to equivalent regulations authorizing distribution to persons generally licensed pursuant to Section 330.220(h) or its equivalent:

A) Chromium-51 as sodium radiochromate for determination of red blood cell volumes and studies of red blood cell survival time;

B) Cobalt-57 for the measurement of intestinal absorption of cyanocobalamin;

C) Cobalt-58 for the measurement of intestinal absorption of cyanocobalamin;

D) Cobalt-60 for the measurement of intestinal absorption of cyanocobalamin;

E) Iodine-125 as iodinated human serum albumin (IHSA) for determinations of blood and blood plasma volume;

F) Iodine-131 as sodium iodide for measurement of thyroid uptake; and

DEPARTMENT OF NUCLEAR SAFETY

NOTICE OF ADOPTED AMENDMENTS

G) Iodine-131 as iodinated human serum albumin (IHSA) for determinations of blood and blood plasma volume.

2) No physician shall receive, possess, use, or transfer radioactive material pursuant to the general license established by Section 330.220(h)(1) until he has filed Department Form KLM.005, "Certificate - Medical Use of Radioactive Material Under General License" with the Department and received from the Department a validated copy of the Department Form KLM.005 with certification number assigned. The generally licensed physician shall furnish on Department Form KLM.005 the following information and such other information as may be required by that form:

A) Name and address of the generally licensed physician;

B) A statement that the generally licensed physician is a duly licensed physician authorized to dispense drugs in the practice of medicine in this State; and

C) A statement that the generally licensed physician has appropriate radiation measuring instruments to carry out the diagnostic procedures for which he proposes to use radioactive material under the general license of Section 330.220(h) and that he is competent in the use of such instruments.

3) A physician who receives, possesses, or uses a pharmaceutical containing radioactive material pursuant to the general license established by Section 330.220(h)(1):

A) shall not possess at any one time, pursuant to the general license in Section 330.220(h)(1), more than

i) 200 microcuries (7.4 MBq) of iodine-131;

ii) 200 microcuries (7.4 MBq) of iodine-125;

iii) 5 microcuries (185 kBq) of cobalt-57;

iv) 5 microcuries (185 kBq) of cobalt-58;

v) 5 microcuries (185 kBq) of cobalt-60; and

vi) 200 microcuries (7.4 MBq) of chromium-51

~~B)~~ ~~shall store the pharmaceutical until administered in the original shipping container, or a container providing equivalent radiation protection;~~

~~C)~~ ~~shall use the pharmaceutical only for the uses authorized by Section 330.220(h)(1);~~

~~D)~~ ~~shall not administer the pharmaceutical to a woman with confirmed pregnancy or to a person under 18 years of age; and~~

~~E)~~ ~~shall not transfer the radioactive material to a person who is not authorized to receive it pursuant to a license issued by the Department, the U.S. Nuclear Regulatory Commission, an Agreement State, or Licensing State, or in any manner other than in the unopened, labeled shipping container as received from the supplier, except by administering it to a patient.~~

~~4)~~ ^ ~~The generally licensed physician possessing or using radioactive material under the general license of Section 330.220(h)(1) shall report in duplicate to the Department, any changes in the information furnished by him in the "Certificate -- Medical Use of Radioactive Material Under General License, Department Form KLM.005. The report shall be submitted within 30 days after the effective date of such change.~~

~~5)~~ ~~Any person using radioactive material pursuant to the general license of Section 330.220(h)(1) is exempt from the requirements of 32 Ill. Adm. Code 340 and 400 with respect to the radioactive material covered by the general license.~~

~~i~~f) General License for Use of Radioactive Material for Certain In Vitro Clinical or Laboratory Testing.*

*AGENCY NOTE: The New Drug provisions of the Federal Food, Drug~~,~~ and Cosmetic Act also govern the availability and use of any specific diagnostic drugs in interstate commerce.

1) A general license is hereby issued to any physician, veterinarian, clinical laboratory, or hospital to receive, acquire, possess, transfer, or use, for any of the following stated tests, in accordance with the provisions of ~~Section 330.220(i)~~ subsections (f)(2), (3), (4), (5)~~,~~ and (6), the following radioactive materials in prepackaged units for use in *in vitro* clinical or laboratory tests not involving internal or external administration of radioactive material, or the radiation therefrom, to human beings or animals:

A) Carbon-14, in units not exceeding 10 microcuries (370 kBq) each.

B) Cobalt-57, in units not exceeding 10 microcuries (370 kBq) each.

C) Hydrogen-3 (tritium), in units not exceeding 50 microcuries (1.85 MBq) each.

D) Iodine-125, in units not exceeding 10 microcuries (370 ~~kBQ~~ kBq) each.

E) Mock Iodine-125 reference or calibration sources, in units not exceeding 0.05 microcurie (1.85 kBq) of ~~I~~iodine-129 and 0.005 microcurie (~~1.85~~ 185 Bq) of ~~A~~americium-241 each.

F) Iodine-131, in units not exceeding 10 microcuries (370 kBq) each.

G) Iron-59, in units not exceeding 20 microcuries (740 kBq) each.

H) Selenium-75, in units not exceeding 10 microcuries (370 kBq) each.

2) No person shall receive, acquire, possess, use, or transfer radioactive material pursuant to the general license established by ~~Section 330.220(i)~~ subsection (f)(1) until he has ~~filed~~:

A) Filed Department Form KLM.006, "Certificate - *In Vitro* Testing with Radioactive Material Under General License", with the Department and received from the Department a validated copy of Department Form KLM.006 with certification number assigned~~, or he has been licensed pursuant to Section 330.260(c)(3) to use radioactive material under the general license in Section 330.220(i)~~ .

B) The physician, veterinarian, clinical laboratory, or hospital requesting general licensure pursuant to

subsection (f)(2)(A) shall furnish on Department Form KLM.006 the following information and such other information as may be required by that form:

Ai) ~~a~~ Name and address of the physician, veterinarian, clinical laboratory, or hospital;

Bii) ~~t~~ The location of use; and

Ciii) ~~a~~ A statement that the physician, veterinarian, clinical laboratory, or hospital has appropriate radiation measuring instruments to carry out *in vitro* clinical or laboratory tests with radioactive material as authorized under the general license in ~~Section 330.220(i)~~ subsection (f)(1) and that such tests will be performed only by personnel competent in the use of such instruments and in the handling of the radioactive material.

3) A person who receives, acquires, possesses, or uses radioactive material pursuant to the general license established by ~~Section 330.220(i)~~ subsection (f)(1) shall comply with the following:

A) The general licensee shall not possess at any one time, pursuant to the general license in ~~Section 330.220(i)~~ subsection (f)(1), at any one location of storage, or use a total amount of iodine-125, iodine-131, selenium-75, iron-59~~,~~ and/or cobalt-57 in excess of 200 microcuries (7.4 MBq).

B) The general licensee shall store the radioactive material, until used, in the original shipping container or in a container providing equivalent radiation protection.

C) The general licensee shall use the radioactive material only for the uses authorized by ~~Section 330.220(i)~~ subsection (f)(1).

D) The general licensee shall not transfer the radioactive material to a person who is not authorized to receive it pursuant to a license issued by the Department, the U.S. Nuclear Regulatory Commission, any Agreement State, or Licensing State, nor transfer

the radioactive material in any manner other than in the unopened, labeled shipping container as received from the supplier.

E) The general licensee shall dispose of the Mmock ~~I~~iodine-125 reference or calibration sources described in ~~Section 330.220(i)(1)(H)~~ subsection (f)(1)(E) as required by 32 Ill. Adm. Code 340.3010.

4) The general licensee shall not receive, acquire, possess, or use radioactive material pursuant to ~~Section 330.220(i)~~ subsection (f)(1):

A) Except as prepackaged units which are labeled in accordance with the provisions of an applicable specific license issued pursuant to Section 330.280(~~h~~g) or in accordance with the provisions of a specific license issued by the U.S. Nuclear Regulatory Commission, any Agreement State, or Licensing State which authorizes the manufacture and distribution of iodine-125, iodine-131, carbon-14, hydrogen-3 (tritium), iron-59, selenium-75, cobalt-57, or Mmock ~~I~~iodine-125 to persons generally licensed under ~~Section 330.220(i)~~ subsection (f) or its equivalent, and

B) Unless one of the following statements, as appropriate, or a statement which contains the information called for in one of the following statements, appears on a label affixed to each prepackaged unit or appears in a leaflet or brochure which accompanies the package:

i) This radioactive material shall be received, acquired, possessed~~,~~ and used only by physicians, veterinarians, clinical laboratories, or hospitals and only for *in vitro* clinical or laboratory tests not involving internal or external administration of the material, or the radiation therefrom, to human beings or animals. Its receipt, acquisition, possession, use~~,~~ and transfer are subject to the regulations and a general license of the U.S. Nuclear Regulatory Commission or of a State with which the Commission has entered into an agreement for the exercise of regulatory authority.

Name of Manufacturer

ii) This radioactive material shall be received, acquired, possessed~~,~~ and used only by physicians, veterinarians, clinical laboratories, or hospitals and only for *in vitro* clinical or laboratory tests not involving internal or external administration of the material, or the radiation therefrom, to human beings or animals. Its receipt, acquisition, possession, use~~,~~ and transfer are subject to the regulations and a general license of a Licensing State.

Name of Manufacturer

5) The physician, veterinarian, clinical laboratory, or hospital possessing or using radioactive material under the general license of ~~Section 330.220(i)~~ subsection (f)(1) shall report in writing to the Department, any changes in the information furnished by him in the "Certificate - *In Vitro* Testing with Radioactive Material Under General License", Department Form KLM.006. The report shall be furnished within 30 days after the effective date of such change.

6) Any person using radioactive material pursuant to the general license of ~~Section 330.220(i)~~ subsection (f)(1) is exempt from the requirements of 32 Ill. Adm. Code 340 and 400 with respect to radioactive material covered by that general license, except that such persons ~~using the Mock Iodine-125 described in Section 330.220(i)(1)(H)~~ shall comply with the provisions of 32 Ill. Adm. Code 340.3010~~,~~ ~~340.4020 and 340.4030~~. In addition, persons using mock iodine-125 described in subsection (f)(1)(E) shall also comply with the provisions of 32 Ill. Adm. Code 340.4020 and 340.4030.

~~j~~g) Ice Detection Devices.

1) A general license is hereby issued to own, receive, acquire, possess, use~~,~~ and transfer strontium-90 contained in ice detection devices, provided each device contains not more than 50 microcuries (1.85 MBq) of strontium-90 and each device has been manufactured or initially transferred in accordance with a specific license issued by the U.S. Nuclear Regulatory Commission or each device has been manufactured or initially transferred in accordance with the specifications contained in a specific license issued by the Department or an Agreement State to the manufacturer of such device pursuant to licensing requirements equivalent to those in Section 32.61 of 10 CFR 32.

2) Persons who own, receive, acquire, possess, use, or transfer strontium-90 contained in ice detection devices pursuant to the general license in ~~Section 330.220(j)~~ subsection (g)(1):

A) ~~s~~Shall, upon occurrence of visually observable damage, such as a bend or crack or discoloration from overheating to the device, discontinue use of the device until it has been inspected, tested for leakage~~,~~ and repaired by a person holding a specific license from the U.S. Nuclear Regulatory Commission or an Agreement State to manufacture or service such devices; or shall dispose of the device pursuant to the provisions of 32 Ill. Adm. Code 340.3010;

B) ~~s~~Shall assure that all labels affixed to the device at the time of receipt, and which bear a statement which prohibits removal of the labels, are maintained thereon; and

C) ~~a~~Are exempt from the requirements of 32 Ill. Adm. Code 340 and 400 except that such persons shall comply with the provisions of 32 Ill. Adm. Code 340.3010, 340.4020 and 340.4030.

3) This general license does not authorize the manufacture, assembly, disassembly, or repair of strontium-90 in ice detection devices.

4) This general license is subject to the provisions of 32 Ill. Adm. Code 310.40 through 310.90, 341~~,~~ and Sections 330.310, 330.400~~,~~ and 330.500 of this Part.

(Source: Amended at 15 Ill. Reg. 10632, effective July 15, 1991)

SUBPART C: SPECIFIC LICENSES

Section 330.240 Filing Application for Specific Licenses

a) Applications for specific licenses shall be filed in duplicate on forms prescribed by the Department.

b) The Department may at any time after the filing of the original application, and before the expiration of the license, require further statements in order to enable the Department to determine whether the application should be granted or denied or whether an existing license should be modified or revoked.

c) Each application shall be signed by the applicant or licensee or a person duly authorized to act for and on his behalf.

d) An application may include a request for a license authorizing one or more activities. The Department will not grant the request if the proposed activities are not under the control of the same facility, administrator, and radiation safety officer. In addition, when evaluating the request, the Department will consider complexity, similarity, and proximity of the proposed activities.

e) In the application, the applicant may incorporate by reference information contained in previous applications, statements, or reports filed with the Department provided such references are clear and specific.

f) Public inspection of applications and other documents submitted to the Department pursuant to this Section shall be in accordance with 2 Ill. Adm. Code 1076 and the requirements of the Freedom of Information Act (Ill. Rev. Stat. ~~1985~~ 1989, ch. 116, par. 201 et seq.).

g) An application for a specific license to authorize receipt, possession, or use of radioactive material in the form of a sealed source or in a device that contains a sealed source must either:

1) Identify the sealed source or device that contains a sealed source by manufacturer and model number as filed in an evaluation sheet in the U.S. Department of Health and Human Services "Radioactive Material Reference Manual" or in the U.S. Nuclear Regulatory Commission "Registry of Radioactive Sealed Sources and Devices"; or

2) Contain the information identified in Section 330.280(m).

(Source: Amended at 15 Ill. Reg. 10632, effective July 15, 1991)

Section 330.250 General Requirements for the Issuance of Specific Licenses

a) A license application will be approved only if the Department determines that:

1) The applicant is qualified by reason of training and experience to use the material in question for the purpose requested in accordance with this Part in such a manner as to minimize danger to public health and safety or property;

2) The applicant's proposed equipment, facilities, and procedures are adequate to minimize danger to public health and safety or property;

3) The issuance of the license will not be inimical to the health and safety of the public; and

4) The applicant satisfies any applicable special requirements in Sections 330.260, 330.270, or 330.280.

b) Environmental Report, Commencement of Construction.

1) In the case of an application for a license to receive and possess radioactive material for commercial waste disposal by land burial, or for the conduct of any other activity which the Department determines will significantly affect the quality of the environment, a license application must be reviewed and approved by the Department before commencement of construction of the plant or facility in which the activity will be conducted. Issuance of the license shall be based upon a consideration by the Department of the environmental, economic, technical and other benefits in comparison with the environmental costs and available alternatives, and a determination that the action called for is the issuance of the proposed license, with any appropriate conditions to protect environmental values;

2) Commencement of construction prior to such conclusion shall be grounds for denial of a license to receive and possess radioactive material in such plant or facility. As used in this paragraph the term "commencement of construction" means

any clearing of land, excavation, or other substantial action that would adversely affect the environment of a site. The term does not mean site exploration, necessary borings to determine foundation conditions, or other preconstruction monitoring or testing to establish background information related to the suitability of the site or the protection of environmental values~~; and~~.

c) Financial Surety Arrangements for Reclaiming Sites. ~~Reclamation~~ For purposes of this subsection, "reclaiming" shall mean returning property to a condition or state such that the property no longer presents a public health or safety hazard or threat to the environment.

1) ~~Issuance~~ Unless exempted by subsection (c)(4) or (c)(5), issuance or amendment of a license shall be dependent upon satisfactory ~~evidence of~~ financial surety arrangements to ensure the protection of the public health and safety in the event of abandonment, default, or other inability of the licensee to meet the requirements of the Act, ~~and~~ this Part, 32 Ill. Adm. Code: Chapter II, Subparts b and d. Self insurance, or any arrangement which essentially constitutes self insurance, will not satisfy the surety requirements since such arrangement provides no further assurance than being without insurance. ~~Pursuant to Section 6(a)(5) of the Radiation Protection Act (Ill. Rev. Stat. 1985, ch. 111½, par. 216(a)(5)), and as otherwise provided, financial surety arrangements for site reclamation may consist of surety bonds, cash deposits, certificates of deposit, deposits of government securities, letters or lines of credit, or any combination of the above for the categories of licensees listed in Section 330.250(c)(4).~~ Determination of satisfactory surety arrangements shall be subject to the following conditions:

A) Financial surety arrangements for site reclamation may consist of surety bonds, certificates of deposit, deposits of government securities, letters of credit, insurance policies, or any combination of the above for the categories of licenses listed in subsection (c)(3). The amount of funds to be ensured by such surety arrangements shall be based on Department-approved reclaiming cost estimates~~;~~ for disposal of all radioactive material authorized under the license, including removal of all radioactive contamination caused by authorized material to a level in conformance with 32 Ill. Adm. Code 340.Appendix C. The Department shall consider the following in approving the cost estimate of the financial surety requirements for each individual applicant or licensee:

i) The probable extent of contamination through the use or possession of radioactive material at the facility or site and the probable cost of removal of such contamination to a level in conformance with 32 Ill. Adm. Code 340.Appendix C. This consideration shall encompass probable contaminating events associated with licensee's methods or modes of operation and shall be based on factors such as quantities, half-lives, radiation hazards and toxicities, and chemical and physical forms;

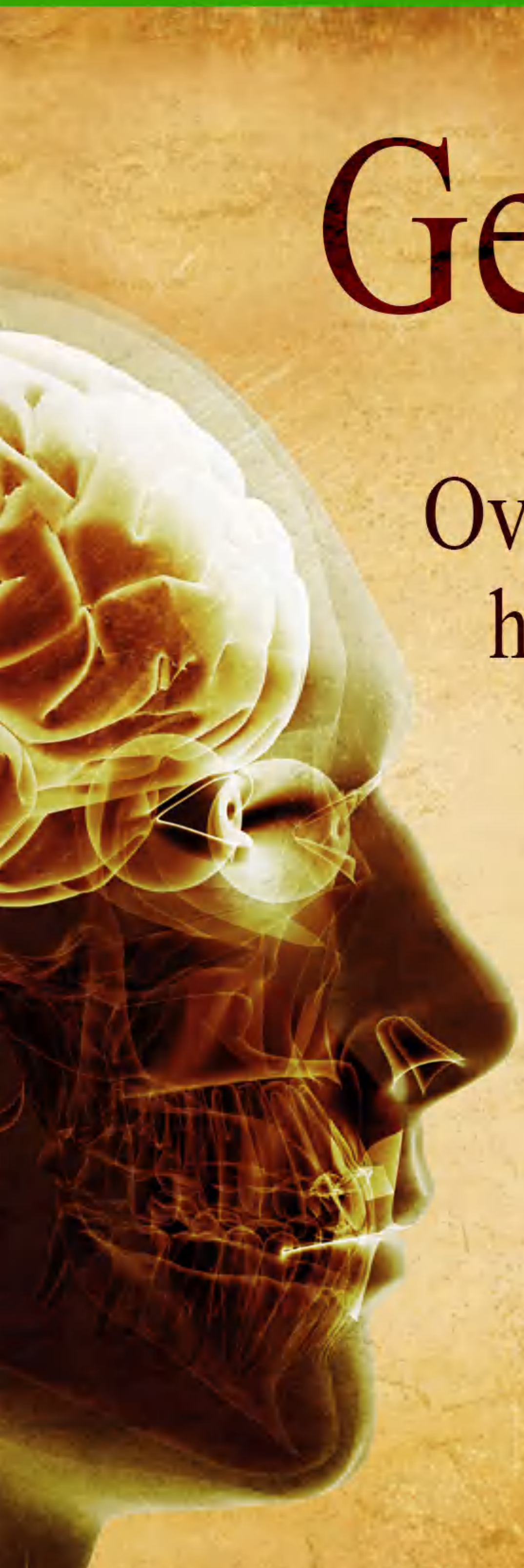
ii) The extent of possible off-site property damage caused by operation of the facility or site;

iii) The cost of removal and disposal of sources of radiation, which are or would be generated, stored, processed, or otherwise present at the licensed facility or site; and

iv) The costs involved in reclaiming the property on which the facility or site is located, and all other properties contaminated by radioactive material authorized under the license.

B) ~~Self insurance, or any arrangement which essentially constitutes self insurance, will not satisfy the surety requirement since this provides no further assurance than being without insurance;~~ The financial surety arrangements shall be filed with and maintained by the Chief, Division of Radioactive Materials of the Department (hereafter referred to as the Division Chief) in a dollar amount greater than or equal to the amount approved by the Department and determined necessary to provide for the protection of public health and safety in accordance with subsection (c)(1)(A).

i) A licensee or applicant shall submit a cost estimate for approval by the Department in



Get Smart

Over 2,000 years of human knowledge in 797,885 volumes

Instant access $8.99/month

Continue

*Fair usage policy applies

except that it is the combination of arrangements, rather than the single arrangement, which must provide financial surety for the necessary amount.

G) Use of Financial Surety Arrangement for Multiple Facilities and/or Multiple Licensees at a Facility. The licensee or applicant may use a financial surety arrangement specified in Appendix G of this Part to meet the requirements of subsection (c)(1) for more than one license he holds, or more than one facility he owns, or operates in Illinois. The arrangement submitted to the Division Chief shall include a list indicating, for each facility, the license number(s), name(s), address(es) and amount(s) of funds for reclaiming assured by the arrangement. The amount of funds available through the arrangement shall not be less than the sum of the sureties that would be available if a separate arrangement had been filed and maintained for each license or facility. If more than one license exists for a facility, the amount of funds for each license shall be specified.

H) Substitution of Alternate Financial Surety Arrangements. The licensee may substitute alternate financial surety arrangements specified in Appendix G of this Part meeting the requirements of subsection (c)(1) for the financial surety already filed with the Department for the facility. However, the existing arrangements shall not be released by the Division Chief until the substitute financial surety arrangements have been received and approved.

I) Any applicant or licensee who fulfills the requirements of subsection (c)(1) by obtaining a surety bond, letter of credit, or insurance policy, will be deemed to be without the required financial surety in the event of bankruptcy of the issuing institution, or a suspension, or revocation of the authority of the institution issuing the surety bond, letter of credit, or insurance policy to issue such instruments. The applicant or licensee must establish other Department-approved financial surety within thirty (30) days after such an event.

2) The arrangements required in ~~Section 330.250~~ subsection (c)(1) shall be established prior to issuance or amendment

of the license to assure that sufficient funds will be available ~~to carry out the decontamination and decommissioning of the facility~~ for reclaiming;

~~3)~~ ~~Amendments to licenses in effect on the effective date of this regulation may be issued providing that the required surety arrangements are established within 90 days after the effective date of Section 330.250(c);~~

~~4)~~3) The following specific licensees are required to make financial surety arrangements:

A) Major processors as defined in 32 Ill. Adm. Code 310.20;

B) Waste handling licensees as defined in 32 Ill. Adm. Code 310.20;

C) ~~Former U.S. Atomic Energy Commission or U.S. Nuclear Regulatory Commission licensed facilities~~ Wet source storage irradiators;

D) ~~All others except persons exempt pursuant to Section 330.250(c)(5)~~ Ore processors which produce source material tailings or sludge;

E) Possessors of source material tailings or sludge;

F) Persons who use particle accelerators to manufacture radionuclides for distribution to other licensees or customers;

G) Former U.S. Atomic Energy Commission or U.S. Nuclear Regulatory Commission licensed facilities that were licensed pursuant to 10 CFR 50, exclusive of subsequent amendments or additions unless exempted by subsection (c)(4).

~~5)~~4) The following persons are exempt from the requirements of ~~Section 330.250~~ subsection (c)(1):

A) All State, local, or other government agencies, unless they are subject to ~~Section 330.250(c)(4)(B)~~ subsection (c)(3)(A) or (c)(3)(B);

AGENCY NOTE: For purposes of subsection (c), "government agencies" shall not include federal or state contractors, non-governmental recipients of government grants, or non-governmental medical institutions.

B) ~~Persons authorized to possess no more than 1,330 times the quantity specified in Appendix B of this Part or combination of radioactive material listed therein as given in Appendix B, Note 1, of this Part;~~ All educational institutions; and

AGENCY NOTE: An educational institution is a non-profit organization which has as its primary purpose the advancement of knowledge in one or more specific fields and which is accredited by the North Central Association of Colleges and Schools.

C) Persons authorized to possess ~~hydrogen 3 contained as hydrogen gas in a sealed source; or~~ only those radioactive materials with half-lives of sixty-five (65) days or less.

5) Unless also described in subsection (c)(3), the following persons are exempt from the requirements of subsection (c)(1):

~~D~~A) Persons ~~authorized to possess radioactive noble gases in sealed sources with no radioactive daughter product with half life greater than 30 days; and~~ licensed to manufacture or possess, but not distribute, radioactive material for medical purposes, including veterinary medicine;

B) Persons licensed to perform industrial radiography;

C) Persons licensed to perform wireline service operations and subsurface tracer studies;

D) Persons licensed to distribute radiopharmaceuticals, generators, or reagent kits as a nuclear pharmacy;

E) Persons licensed to distribute, without processing, radioactive material or products containing radioactive material;

F) Persons licensed to possess irradiators, other than wet source storage irradiators;

G) Persons licensed to possess source material (depleted uranium) for shielding purposes;

H) Persons licensed to possess radioactive material for use in analytical instruments; and

I) Persons licensed to possess radioactive material in gauges or other measuring systems.

d) Long-Term Care Requirements.

1) A license application will be approved only if the Department determines that a long-term care fund for monitoring and maintenance has been established by the waste handling licensee prior to the issuance of the license; or

2) ~~Prior to the termination of the license, if the applicant chooses~~ The waste handling applicants may choose, at the time of the licensure, to provide a financial surety arrangement in lieu of a long-term care fund.*

*AGENCY NOTE: Long-term care funding may also be required for former U.S. Atomic Energy Commission or U.S. Nuclear Regulatory Commission licensed facilities, or persons whose activities cause situations that significantly affect the public health and safety, or the environment by reason of exposure to radiation or radioactive materials.

(Source: Amended at 15 Ill. Reg. 10632, effective July 15, 1991)

Section 330.260 Special Requirements for Issuance of Certain Specific Licenses for Radioactive Materials.

a) Specific Licenses to Institutions for Human Use of Radioactive Material. ~~In addition to the requirements set forth in Section 330.250, a~~ A specific license for human use of radioactive material in institutions ~~will~~ shall be issued only if~~:~~ the applicant has met the requirements of 32 Ill. Adm. Code 335 and the requirements set forth in Section 330.250.

~~1)~~ ~~The applicant has appointed a radiation safety committee to oversee the use of licensed material throughout the institution and to review the institution's radiation safety~~

~~program. Membership of the committee must include at least the following: an authorized user for each type of use permitted by the license, a representative of the nursing staff, a representative of the institution's management, and the Radiation Safety Officer;~~

~~2)~~ ~~The applicant possesses adequate facilities for the clinical care of patients;~~

~~3)~~ ~~The physician designated on the application as the individual user has substantial experience in the handling and administration of radioactive material and, where applicable, the clinical management of radioactive patients;~~

~~4)~~ ~~If the application is for a license to use unspecified quantities or multiple types of radioactive material, the applicant's staff has substantial experience in the use of a variety of radioactive materials for a variety of human uses;~~

~~5)~~ ~~Human Use of Sealed Sources. In addition, a specific license for human use of sealed sources will be issued only if the physician designated in the application has specialized training in the diagnostic or therapeutic use of the sealed source considered, or has experience equivalent to such training.~~

b) Specific Licenses to Individual Physicians for Human Use of Radioactive Material. An application by an individual physician or group of physicians for a specific license for human use of radioactive material ~~will~~ shall be approved only if:

1~~A~~) The applicant satisfies the general requirements specified in Section 330.250;

2~~B~~) The application is for use in the applicant's practice in an office outside a medical institution; and

~~C)~~ ~~The applicant has access to a hospital possessing adequate facilities to hospitalize and monitor the applicant's radioactive patients whenever it is advisable; and~~

~~D)~~ ~~The applicant has extensive experience in the proposed use, the handling, and the administration of radionuclides, and where applicable, the clinical~~

~~management of radioactive patients.~~

3) The applicant has met the requirements of 32 Ill. Adm. Code 335.

~~2)~~ ~~The Department will not approve an application by an individual physician or group of physicians for a specific license to receive, possess, or use radioactive material on the premises of a medical institution unless:~~

~~A)~~ ~~The use of radioactive material is limited to:~~

~~i)~~ ~~The administration of radiopharmaceuticals for diagnostic or therapeutic purposes;~~

~~ii)~~ ~~The performance of diagnostic studies on patients to whom a radiopharmaceutical has been administered;~~

~~iii)~~ ~~The performance of *in vitro* diagnostic studies; or~~

~~iv)~~ ~~The calibration and quality control checks of radioactive assay instrumentation, radiation safety instrumentation, and diagnostic instrumentation.~~

~~B)~~ ~~The physician brings the radioactive material with him and removes the radioactive material when he departs. (The institution cannot receive, possess, or store radioactive material other than the amount of material remaining in the patient); and~~

~~C)~~ ~~The medical institution does not hold a radioactive material license under Section 330.260(a).~~

~~3)~~ ~~Human Use of Sealed Sources. In addition, a specific license for human use of sealed sources will be issued only if the physician designated in the application has specialized training in the diagnostic or therapeutic use of the sealed source considered, or has experience equivalent to such training.~~

~~c)~~ ~~Specific Licenses for Certain Groups of Medical Uses of Radioactive Material.~~

1) Subject to the provisions of Section 330.260(c)(2), (3), and (4), an application for a specific license pursuant to Section 330.260(a), or (b) for any medical use or uses of radioactive material specified in one or more of Groups I to VI, inclusive, of Appendix C of this Part will be approved for all of the uses within the Group or Groups as specified in Appendix C. The Department will approve all such uses whether or not they are specified in the application if:

A) The applicant satisfies the requirements of Section 330.260(a), or (b);

B) The applicant, or the physician designated in the application as the individual user, has adequate clinical experience in the types of uses included in the Group or Groups;

C) The applicant, or the physicians and all other personnel who will be involved in the preparation and use of the radioactive material, have adequate training and experience in the handling of radioactive material appropriate to their participation in the uses included in the Group or Groups;

D) The applicant's radiation detection and measuring instrumentation is adequate for conducting the procedures involved in the uses included in the Group or Groups; and

E) The applicant's radiation safety operating procedures are adequate for handling and disposing of the radioactive material involved in the uses included in the Group or Groups.

2) Any licensee or registrant who is authorized to use radioactive material pursuant to one or more Groups in Section 330.260(c)(1) and Appendix C of this Part is subject to the following conditions:

A) For Groups I, II, IV, and V, no licensee or registrant shall receive, possess, or use radioactive material except as a radiopharmaceutical manufactured in the form to be administered to the patient, labeled, packaged, and distributed in accordance with a specific license issued by the Department pursuant to Section 330.280(j), a specific license issued by the

U.S. Nuclear Regulatory Commission pursuant to Section 32.72 of 10 CFR 32, or a specific license issued by an Agreement State or a Licensing State pursuant to regulations equivalent to those contained in Section 32.72 of 10 CFR 32, revised as of January 1, 1985 exclusive of any subsequent amendments or editions. A copy of 10 CFR 32 is available for public inspection at the Department of Nuclear Safety.

B) For Group III, no licensee or registrant shall receive, possess, or use generators or reagent kits containing radioactive material or shall use reagent kits that do not contain radioactive material to prepare radiopharmaceuticals containing radioactive material, except:

i) Reagent kits not containing radioactive material that are approved by the Department, the U.S. Nuclear Regulatory Commission, an Agreement State, or a Licensing State for use by persons licensed pursuant to Section 330.260(c) and Appendix C of this Part or equivalent regulations; or

ii) Generators or reagent kits containing radioactive material that are manufactured, labeled, packaged, and distributed in accordance with a specific license issued by the Department pursuant to Section 330.280 (k), a specific license issued by the U.S. Nuclear Regulatory Commission pursuant to Section 32.73 of 10 CFR 32, or a specific license issued by an Agreement State or a Licensing State pursuant to regulations equivalent to those contained in Section 32.73 of 10 CFR 32, revised as of January 1, 1985 exclusive of any subsequent amendments or editions. A copy of 10 CFR 32 is available for public inspection at the Department of Nuclear Safety.

C) For Group VI, no licensee or registrant shall receive, possess, or use radioactive material except as contained in a source or device that has been manufactured, labeled, packaged, and distributed in accordance with a specific license issued by the Department pursuant to Section 330.280(l), a specific

~~license issued by the U.S. Nuclear Regulatory Commission pursuant to Section 32.74 of 10 CFR 32, or a specific license issued to the manufacturer by an Agreement State or a Licensing State pursuant to regulations equivalent to those contained in Section 32.74 of 10 CFR 32, revised as of January 1, 1985 exclusive of any subsequent amendments or editions. A copy of 10 CFR 32 is available for public inspection at the Department of Nuclear Safety.~~

~~D) For Group III, any licensee or registrant using generators or reagent kits shall:~~

~~i) elute the generator, or process radioactive material with the reagent kit, in accordance with instructions furnished by the manufacturer on the label attached to or in the leaflet or brochure that accompanies the generator or reagent kit;~~

~~ii) before administration to patients, cause each elution or extraction of technetium 99m from a molybdenum 99/technetium 99m generator to be tested to determine either the total molybdenum 99 activity or the concentration of molybdenum 99. This testing shall be conducted according to written procedures and by personnel who have been specifically trained to perform the test;~~

~~iii) prohibit the administration to patients of technetium 99m containing more than 1 microcurie (37 kBq) of molybdenum 99 per millicurie (37 MBq) of technetium 99m, or more than 5 microcuries (185 kBq) of molybdenum 99 per administered dose, at the time of administration; and~~

~~iv) maintain for 3 years for Department inspection records of the molybdenum 99 test conducted on each elution from the generator. Such records shall include the date, time and test performed, who performed the test, a description by lot or other unique identifying number of the generator tested, activity of technetium 99m, either the total molybdenum 99 activity and total volume of elution/extraction or the concentration of molybdenum 99 in each elution/extraction of technetium 99m from the generator, and whether total molybdenum activity or concentrations were tested.~~

~~E) Except for those radiopharmaceuticals listed in 330.260(c)(2)(F), for Groups I, II, and III any licensee using radioactive material for clinical procedures other than those specified in the product labeling, including package insert, shall comply with the product labeling regarding:~~

~~i) Chemical and physical form;~~

~~ii) Route of administration; and~~

~~iii) Dosage range.~~

~~F) Technetium 99m pentatate as an aerosol when used for lung function studies, is not subject to the restrictions in Section 330.260(c)(2)(E).~~

~~G) Radioactive aerosols shall be administered with a closed, shielded system that either is vented to the outside atmosphere through an air exhaust or provides for collection and disposal of the aerosol.~~

~~3) Any licensee who is licensed pursuant to Section 330.260(c)(1) for one or more of the medical use groups in Appendix C of this Part also is authorized to use radioactive material under the general license in Section 330.220(i) for the specified *in vitro* uses without filing Department Form KLM.006 as required by Section 330.220(i)(2); provided, that the licensee is subject to the other provisions of Section 330.220(i).~~

~~4) Any licensee who is licensed pursuant to Section 330.260(c)(1) for one or more of the medical use groups in Appendix C of this Part is also authorized, subject to the provisions of Section 330.260(c)(4) and (5), to receive, possess, and use for calibration and reference standards:~~

~~A) Any radioactive material listed in Group I, Group II, or Group III of Appendix C of this Part with a half-life not longer than 100 days, in amounts not to exceed 15 millicuries (555 MBq) total;~~

DEPARTMENT OF NUCLEAR SAFETY

NOTICE OF ADOPTED AMENDMENTS

~~B)~~ ~~Any radioactive material listed in Group I, Group II, or Group III of Appendix C of this Part with half-life greater than 100 days in amounts not to exceed 200 microcuries (7.4 MBq) total;~~

~~C)~~ ~~Technetium 99m in amounts not to exceed 30 millicuries (1.11 GBq); and~~

~~D)~~ ~~Any radioactive material, in amounts not to exceed 3 millicuries (111 MBq) per source, contained in calibration or reference sources that have been manufactured, labeled, packaged, and distributed in accordance with a specific license issued by the Department pursuant to Section 330.280(1) a specific license issued by the U.S. Nuclear Regulatory Commission pursuant to Section 32.74 of 10 CFR 32, or a specific license issued to the manufacturer by an Agreement State or a Licensing State pursuant to regulations equivalent to those contained in Section 32.74 of 10 CFR 32, revised as of January 1, 1985 exclusive of any subsequent amendments or editions. A copy of 10 CFR 32 is available for public inspection at the Department of Nuclear Safety.~~

~~5)~~ ~~Leak Testing of Sealed Calibration Reference Sources~~

~~A)~~ ~~Any licensee or registrant who possesses sealed sources as calibration or reference sources pursuant to Section 330.260(c)(4) shall cause each sealed source containing radioactive material, other than hydrogen 3, with a half-life greater than 30 days in any form other than gas to be tested for leakage and/or contamination at intervals not to exceed 6 months. In the absence of a certificate from a transferor indicating that a test has been made within 6 months prior to the transfer, the sealed sources shall not be used until tested, provided, however, that no leak tests are required when:~~

~~i)~~ ~~The source contains 100 microcuries (3.7 MBq) or less of beta and/or gamma emitting material or 10 microcuries (370 kBq) or less of alpha emitting material, or~~

~~ii)~~ ~~The sealed source is stored and is not being used; such sources shall, however, be tested for leakage prior to any use or transfer unless they have been leak tested within 6 months prior to the date of use or transfer.~~

DEPARTMENT OF NUCLEAR SAFETY

NOTICE OF ADOPTED AMENDMENTS

~~B)~~ ~~The leak test shall be capable of detecting the presence of 0.005 microcurie (185 Bq) of radioactive material on the test sample. The test sample shall be taken from the sealed source or from the surfaces of the device in which the sealed source is mounted or stored on which contamination might be expected to accumulate. Records of leak test results shall be kept in units of microcuries and maintained for inspection by the Department.~~

~~C)~~ ~~If the leak test reveals the presence of 0.005 microcurie (185 Bq) or more of removable contamination, the licensee or registrant shall immediately withdraw the sealed source from use and shall cause it to be decontaminated and repaired or to be disposed of in accordance with 32 Ill. Adm. Code 330 and 340 A report shall be filed within 5 days of the test with the Department describing the equipment involved, the test results, and the corrective action taken.~~

~~6)~~ ~~Any licensee or registrant who possesses and uses calibration and reference sources pursuant to Section 330.260(c)(4)(D) shall:~~

~~A)~~ ~~Follow the radiation safety and handling instructions approved by the Department, the U.S. Nuclear Regulatory Commission, an Agreement State, or a Licensing State and furnished by the manufacturer on the label attached to the source, or permanent container thereof, or in the leaflet or brochure that accompanies the source, and maintain such instruction in a legible and conveniently available form; and~~

~~B)~~ ~~Conduct a quarterly physical inventory to account for all sources received and possessed. Records of the inventories shall be maintained for inspection by the Department and shall include the quantities and kinds of radioactive material, location of sources, and the date of the inventory.~~

c) Specific Licenses for Pharmacies Using Radioactive Material. In addition to the requirements set forth in Section 330.250, a specific license for a pharmacy shall meet the following additional requirements:

1) Radiopharmaceuticals dispensed and/or distributed for human use shall be either:

A) Repackaged from prepared radiopharmaceuticals

i) that are the subject of a U.S. Food and Drug Administration (FDA) approved "New Drug Application" (NDA), or

ii) for which the FDA has accepted an "Investigational New Drug Application" (IND), or

B) Prepared from generators and reagent kits that are the subject of an FDA-approved NDA or for which the FDA has accepted an IND.

2) Prepared radiopharmaceuticals for which FDA has accepted an IND and radiopharmaceuticals prepared from generators or reagent kits for which the FDA has accepted an IND shall be dispensed and/or distributed:

A) In accordance with the directions provided by the sponsor of the IND, and

B) Only to physicians who have been accepted by the sponsor of the IND to participate in clinical evaluation of the drug.

3) The licensee shall inform in writing each physician who participates in an IND evaluation that the physician is responsible to the sponsor of the IND for use of the drug in accordance with protocols established by the sponsor and for reporting to the sponsor the clinical information obtained through use of the drug.

4) The licensee shall procure biological products labeled with radionuclides or kits used to prepare such products from a supplier who holds an unsuspended or unrevoked license issued by either the U.S. Department of Health, Education and Welfare or the U.S. Department of Health and Human Services to propagate, manufacture, prepare, label, or distribute the products.

5) The licensee shall perform radiometric tests for molybdenum breakthrough upon each elution of a molybdenum-99/technetium-99m generator in accordance with the requirements of 32 Ill. Adm. Code 335.4020.

6) The licensee shall procure all radioactive drugs from a supplier who manufactures or repackages the product under appropriate pharmaceutical controls related to assay, identity, quality, purity, sterility and non-pyrogenicity.

7) The licensee shall dispense radioactive drugs only under the prescription of a specifically licensed physician who is authorized to possess and use the radioactive drugs or of a physician authorized under the provisions of a broad radioactive material license. The licensee shall maintain a copy of the radioactive material license of each customer physician and shall verify that the physician is authorized to receive the prescribed radiopharmaceutical prior to transferring the radiopharmaceutical.

8) The licensee may distribute *in vitro* test kits to customers but shall neither remove any package insert nor violate the packaging.

9) The licensee shall subject each batch of sulfur colloid to microscopic tests for particle size and chromatographic tests for free pertechnetate, and shall maintain records of such tests for inspection by the Department. Preparations which contain particles one micron or larger in diameter, have more than 10% free pertechnetate, or appear flocculent or aggregated shall not be dispensed to customers.

10) The licensee shall report to the Department, within ten days of occurrence, any irregularities pertaining to identification, labeling, quality, or assay of any radioactive drug received under the authority of this license.

d) Use of Sealed Sources in Industrial Radiography. In addition to the requirements set forth in Section 330.250, a specific license for use of sealed sources in industrial radiography will be issued if:

1) The applicant will have an adequate program for training

SAVE $3,999,994

Did you know we sell paperback books too?

To buy our entire catalog in paperback would cost over $4,000,000

Access it all now for $8.99/month

*Fair usage policy applies

Continue

form of radioactive material specified in Appendix D of this Part, for any authorized purpose. The possession limit for a Type B license of broad scope, if only one radionuclide is possessed thereunder, is the quantity specified for that radionuclide in Appendix D, Column I. If two or more radionuclides are possessed thereunder, the possession limit for each is determined as follows: For each radionuclide, determine the ratio of the quantity possessed to the applicable quantity specified in Appendix D, Column I, for that radionuclide. The sum of the ratios for all radionuclides possessed under the license shall not exceed unity.

3) A "Type C specific license of broad scope" is a specific license authorizing receipt, acquisition, ownership, possession, use~~,~~ and transfer of any chemical or physical form of radioactive material specified in Appendix D of this Part, for any authorized purpose. The possession limit for a Type C license of broad scope, if only one radionuclide is possessed thereunder, is the quantity specified for that radionuclide in Appendix D, Column II. If two or more radionuclides are possessed thereunder, the possession limit is determined for each as follows: For each radionuclide, determine the ratio of the quantity possessed to the applicable quantity specified in Appendix D, Column II, for that radionuclide. The sum of the ratios for all radionuclides possessed under the license shall not exceed unity.

b) An application for a Type A specific license of broad scope will be approved if:

I) The applicant satisfies the general requirements specified in Section 330.250;

2) The applicant has engaged in a reasonable number of activities involving the use of radioactive material; and

3) The applicant has established administrative controls and provisions relating to organization and management, procedures, record keeping, material control and accounting~~,~~ and management review that are necessary to assure safe operations, including:

A) The establishment of a radiation safety committee composed of such persons as a radiation safety officer, a representative of management~~,~~ and persons trained and experienced in the safe use of radioactive material;

B) The appointment of a radiation safety officer who is qualified by training and experience in radiation protection, and who is available for advice and assistance on radiation safety matters; and

C) The establishment of appropriate administrative procedures to assure:

i) Control of procurement and use of radioactive material;

ii) Completion of safety evaluations of proposed uses of radioactive material which take into consideration such matters as the adequacy of facilities and equipment, training and experience of the user~~,~~ and the operating or handling procedures; and

iii) Review, approval~~,~~ and recording by the radiation safety committee of safety evaluations of proposed uses prepared in accordance with ~~Section 330.270~~ subsection (b)(3)(C)(ii) prior to use of the radioactive material.

c) An application for a Type B specific license of broad scope will be approved if:

1) The applicant satisfies the general requirements specified in Section 330.250; and

2) The applicant has established administrative controls and provisions relating to organization and management, procedures, record keeping, material control and accounting~~,~~ and management review that are necessary to assure safe operations, including:

A) The appointment of a radiation safety officer who is qualified by training and experience in radiation protection, and who is available for advice and assistance on radiation safety matters; and

DEPARTMENT OF NUCLEAR SAFETY

NOTICE OF ADOPTED AMENDMENTS

B) The establishment of appropriate administrative procedures to assure:

i) Control of procurement and use of radioactive material;

ii) Completion of safety evaluations of proposed uses of radioactive material which take into consideration such matters as the adequacy of facilities and equipment, training and experience of the user~~,~~ and the operating or handling procedures; and

iii) Review, approval~~,~~ and recording by the radiation safety officer of safety evaluations of proposed uses prepared in accordance with ~~Section 330.270~~ subsection (c)(2)(B)(ii) prior to use of the radioactive material.

d) An application for a Type C specific license of broad scope will be approved if:

1) The applicant satisfies the general requirements specified in Section 330.250;

2) The applicant submits a statement that radioactive material will be used only by, or under the direct supervision of, individuals who have received:

A) A college degree at the bachelor level, or equivalent training and experience, in the physical, or biological sciences, or in engineering; and

B) At least 40 hours of training and experience in the safe handling of radioactive material, and in the characteristics of ionizing radiation, units of radiation dose and quantities, radiation detection instrumentation~~,~~ and biological hazards of exposure to radiation ~~appropriate~~ pertinent to the type and forms of radioactive material to be used; and

3) The applicant has established administrative controls and provisions relating to procurement of radioactive material, procedures, record keeping, material control and accounting~~,~~ and management review necessary to assure safe operations.

DEPARTMENT OF NUCLEAR SAFETY

NOTICE OF ADOPTED AMENDMENTS

e) Specific licenses of broad scope are subject to the following conditions:

1) Unless specifically authorized, persons licensed pursuant to this Section ~~330.270~~ shall not:

A) Conduct tracer studies in the environment involving direct release of radioactive material;

B) Receive, acquire, own, possess, use, or transfer devices containing ~~100,330~~ 100,000 curies (3.7 PBq) or more of radioactive material in sealed sources used for irradiation of materials;

C) Conduct activities for which a specific license issued by the Department under Sections 330.260 or 330.280 is required; or

D) Add or cause the addition of radioactive material to any food, beverage, cosmetic, drug, or other product designed for ingestion or inhalation by, or application to, a human being.

2) Each Type A specific license of broad scope issued under this Part shall be subject to the condition that radioactive material possessed under the license may only be used by, or under the direct supervision of, individuals approved by the licensee's radiation safety committee.

3) Each Type B specific license of broad scope issued under this Part shall be subject to the condition that radioactive material possessed under the license may only be used by, or under the direct supervision of, individuals approved by the licensee's radiation safety officer.

4) Each Type C specific license of broad scope issued under this Part shall be subject to the condition that radioactive material possessed under the license may only be used by, or under the direct supervision of, individuals who satisfy the requirements of ~~330.270~~ subsection (d).

(Source: Amended at 15 Ill. Reg. 10632, effective July 15, 1991)

Section 330.280 Special Requirements for a Specific License to Manufacture, Assemble, Repair, or Distribute Commodities, Products, or Devices which Contain Radioactive Material

a) Licensing the Introduction of Radioactive Material into Products in Exempt Concentrations.

1) In addition to the requirements set forth in Section 330.250, a specific license authorizing the introduction of radioactive material into a product or material owned by or in the possession of the licensee or another and the transfer of ownership or possession of the product ~~as~~ or material containing the ~~byproduct~~ radioactive material to persons exempted from this Part pursuant to Sections 330.30 or 330.40(a) will be issued if:

A) The applicant submits a description of the product or material into which the radioactive material will be introduced, intended use of the radioactive material and the product or material into which it is introduced, method of introduction, initial concentration of the radioactive material in the product or material, control methods to assure that no more than the specified concentration is introduced into the product or material, estimated time interval between introduction and transfer of the product or material, and estimated concentration of the radioactive material in the product or material at the time of transfer; and

B) The applicant provides reasonable assurance that the concentrations of radioactive material at the time of transfer will not exceed the concentrations in Appendix A of this Part, that reconcentration of the radioactive material in concentrations exceeding those in Appendix A is not likely, that use of lower concentrations is not feasible, and that the product or material is not likely to be incorporated in any food, beverage, cosmetic, drug, or other commodity or product designed for ingestion or inhalation by, or application to, a human being.

2) Each person licensed under ~~Section 330.280~~ subsection (a) is required to maintain records of transfer of material and shall file a report with the Department which shall identify the following:

A) Type and quantity of each product or material into which radioactive material has been introduced during the reporting period;

B) Name and address of the person who owned or possessed the product or material, into which radioactive material has been introduced, at the time of introduction;

C) The type and quantity of radionuclide introduced into each product or material; and

D) The initial concentrations of the radionuclide in the product or material at time of transfer of the radioactive material by the licensee.

3) The licensee shall file the report within 30 days following:

A) ~~f~~Five years after filing the preceding report; or

B) ~~f~~Filing an application for renewal of the license under Section 330.330; or

C) ~~n~~Notifying the Department under Section 330.310(d) of the licensee's decision to permanently discontinue activities authorized under the license issued under ~~Section 330.280~~ subsection (a).

4) The report must cover the period between the filing of the preceding report and the occurrence specified in subsection (3) (A), (B)~~,~~ and (C) of this Section. If no transfers of radioactive material have been made under ~~Section 330.280~~ subsection (a) during the reporting period, the report shall so indicate.

5) The licensee shall maintain the record of a transfer for a period of one year after the event has been included in a report to the Department.

b) Licensing the Distribution of Radioactive Material in Exempt Quantities.*

*AGENCY NOTE: Authority to transfer possession or control by the manufacturer, processor, or producer of any equipment, device, commodity, or other product containing byproduct material whose subsequent possession, use, transfer~~,~~ and disposal by all other

persons are exempted from regulatory requirements may be obtained only from the U.S. Nuclear Regulatory Commission, Washington, D.C. 20555.

1) An application for a specific license to distribute NARM to persons exempted from this Part pursuant to Section 330.40(b) will be approved if:

A) The radioactive material is not contained in any food, beverage, cosmetic, drug, or other commodity designed for ingestion or inhalation by, or application to, a human being;

B) The radioactive material is in the form of processed chemical elements, compounds, or mixtures, tissue samples, bioassay samples, counting standards, plated or encapsulated sources, or similar substances, identified as radioactive and to be used for its radioactive properties, but is not incorporated into any manufactured or assembled commodity, product, or device intended for commercial distribution; and

C) The applicant submits copies of prototype labels and brochures and the Department approves such labels and brochures.

2) The license issued under ~~Section 330.280~~ subsection (b)(1) is subject to the following conditions:

A) No more than 10 exempt quantities shall be sold or transferred in any single transaction. However, an exempt quantity may be composed of fractional parts of one or more of the exempt quantities provided the sum of the fractions shall not exceed unity.

B) Each exempt quantity shall be separately and individually packaged. No more than 10 such packaged exempt quantities shall be contained in any outer package for transfer to persons exempt pursuant to Section 330.40(b). The outer package shall be such that the dose rate at the external surface of the package does not exceed 0.5 millirem (5 uSv) per hour.

C) The immediate container of each quantity or separately packaged fractional quantity of radioactive material shall bear a durable, legible label which:

i) ~~i~~Identifies the radionuclide and the quantity of radioactivity, and

ii) ~~b~~Bears the words "Radioactive Material".

D) In addition to the labeling information required by ~~Section 330.280~~ subsection (b)(2)(C), the label affixed to the immediate container, or an accompanying brochure, shall:

i) ~~s~~State that the contents are exempt from Licensing State requirements,

ii) ~~b~~Bear the words "Radioactive Material - Not for Human Use - Introduction into Foods, Beverages, Cosmetics, Drugs, or Medicinals, or into Products Manufactured for Commercial Distribution is Prohibited - Exempt Quantities Should Not Be Combined", and

iii) ~~s~~Set forth appropriate additional radiation safety precautions and instructions relating to the handling, use, storage~~,~~ and disposal of the radioactive material.

3) Each person licensed under ~~Section 330.280~~ subsection (b) is required to maintain records and file reports as follows:

A) Records of transfer of material identifying, by name and address, each person to whom radioactive material is transferred for use under Section 330.40(b) or the equivalent regulations of an Agreement State, or Licensing State and stating the kinds and quantities of radioactive material transferred. The licensee shall maintain the record of a transfer for a period of one year after the event is included in a summary report to the Department.

B) The licensee shall file a summary report stating the total quantity of each radioisotope transferred under the specific license with the Department.

C) The licensee shall file the summary report within 30 days following:

i) ~~f~~Five years after filing the preceding report; or

ii) ~~f~~Filing an application for renewal of the license under Section 330.330; or

iii) ~~n~~Notifying the Department under Section 330.310(a) of the licensee's decision to permanently discontinue activities authorized under the license issued under ~~Section 330.280~~ subsection (b).

D) The report must cover the period between the filing of the preceding report and the occurrences specified in ~~paragraphs~~ subsections (C)(i), (ii), or (iii) of this ~~section~~ Section. If no transfers of radioactive material have been made under ~~Section 330.280~~ subsection (b) during the reporting period, the report must so indicate.

c) Licensing the Incorporation of Naturally Occurring and Accelerator-Produced Radioactive Material into Gas and Aerosol Detectors. An application for a specific license authorizing the incorporation of NARM into gas and aerosol detectors to be distributed to persons exempt under Section 330.40(c)(3) will be approved if the application satisfies requirements equivalent to those contained in Section 32.26 of 10 CFR 32, revised as of January 1, ~~1985~~ 1990*. The maximum quantity of radium-226 in each device shall not exceed 0.1 microcurie (3.7 kBq).

*AGENCY NOTE: Licensing requirements contained in subsequent amendments or editions of 10 CFR 32 are not incorporated into this ~~rule~~ Part. A copy of 10 CFR 32 is available for public inspection at the Department of Nuclear Safety.

d) Licensing the ~~Manufacturer~~ Manufacture and Distribution of Devices to Persons Generally Licensed Under Section 330.220(~~d~~b).

1) An application for a specific license to manufacture or distribute devices containing radioactive material, excluding special nuclear material, to persons generally licensed under Section 330.220(~~d~~b) or equivalent regulations of the U.S. Nuclear Regulatory Commission, an Agreement State, or a Licensing State will be approved if:

A) ~~t~~The applicant satisfies the general requirements of Section 330.250;

B) ~~t~~The applicant submits sufficient information relating to the design, manufacture, prototype testing, quality control, labels, proposed uses, installation, servicing, leak testing, operating and safety instructions~~,~~ and potential hazards of the device to provide reasonable assurance that:

i) ~~t~~The device can be safely operated by persons not having training in radiological protection;

ii) ~~u~~Under ordinary conditions of handling, storage~~,~~ and use of the device, the radioactive material contained in the device will not be released or inadvertently removed from the device, and it is unlikely that any person will receive in any period of 1 ~~calender~~ calendar quarter a dose in excess of 10 percent of the limits specified in the table in 32 Ill. Adm. Code 340.2010(a); and

iii) ~~u~~Under accident conditions such as fire and explosion associated with handling, storage~~,~~ and use of the device, it is unlikely that any person would receive an external radiation dose or dose commitment in excess of the following organ doses:

Whole body; head and trunk; active blood-forming organs; gonads; or lens of eye ..... 15 rems (150 mSv)

Hands and forearms; feet and ankles; localized areas of skin averaged over areas no larger than 1 square centimeter ..... 200 rems (2 Sv)

Other organs ..... 50 rems (500 mSv); and

C) e~~E~~ach device bears a durable, legible, clearly visible label or labels approved by the Department, which contain in a clearly identified and separate statement:

DEPARTMENT OF NUCLEAR SAFETY

NOTICE OF ADOPTED AMENDMENTS

i) ~~i~~Instructions and precautions necessary to assure safe installation, operation~~,~~ and servicing of the device; documents such as operating and service manuals may be identified in the label and used to provide this information,

ii) ~~t~~The requirement, or lack of requirement, for leak testing, or for testing any "on-off" mechanism and indicator, including the maximum time interval for such testing, and the identification of radioactive material by isotope, quantity of radioactivity~~,~~ and date of determination of the quantity; and

iii) ~~t~~The information called for in one of the following statements, as appropriate, in the same or substantially similar form:

Devices Containing Radioactive Material Other Than Naturally Occurring Radioactive Material

The receipt, possession, use~~,~~ and transfer of this device, Model _____, Serial No. _____*, are subject to a general license or the equivalent and the regulations of the U.S. Nuclear Regulatory Commission or a State with which the U.S. Nuclear Regulatory Commission has entered into an agreement for the exercise of regulatory authority. This label shall be maintained on the device in a legible condition. Removal of this label is prohibited.

CAUTION - RADIOACTIVE MATERIAL

_____
Name of Manufacturer or Distributor

*AGENCY NOTE: The model, serial number~~,~~ and name of the manufacturer, or distributor may be omitted from this label provided the information is elsewhere specified in labeling affixed to the device.

Devices Containing Naturally-Occurring Radioactive Material

DEPARTMENT OF NUCLEAR SAFETY

NOTICE OF ADOPTED AMENDMENTS

The receipt, possession, use~~,~~ and transfer of this device, Model _____, Serial No._____, * are subject to a general license or the equivalent, and the regulations of a Licensing State. This label shall be maintained on the device in a legible condition. Removal of this label is prohibited.

CAUTION - RADIOACTIVE MATERIAL

_____
Name of Manufacturer ~~of~~ or Distributor

*AGENCY NOTE: The model, serial number~~,~~ and name of the manufacturer or distributor may be omitted from this label provided the information is elsewhere specified in labeling affixed to the device.

2) In the event the applicant desires that the device be required to be tested at intervals longer than 6 months, either for proper operation of the "on-off" mechanism and indicator, if any, or for leakage of radioactive material or for both, the applicant shall include in the application sufficient information to demonstrate that such longer interval is justified by performance characteristics of the device or similar devices and by design features which have a significant bearing on the probability or consequences of leakage of radioactive material from the device or failure of the "on-off" mechanism and indicator. In determining the acceptable interval for the test for leakage of radioactive material, the Department will consider information which includes, but is not limited to:

A) ~~p~~Primary containment or source capsule;

B) ~~p~~Protection of primary containment;

C) ~~m~~Method of sealing containment;

D) ~~c~~Containment construction materials;

E) ~~f~~Form of contained radioactive material;

F) ~~m~~Maximum temperature withstood during prototype tests;

G) ~~m~~Maximum pressure withstood during prototype tests;

H) ~~m~~Maximum quantity of contained radioactive material;

I) ~~r~~Radiotoxicity of contained radioactive material; and

J) ~~o~~Operating experience with identical devices or similarly designed and constructed devices.

3) In the event the applicant desires that the general licensee under Section 330.220(~~d~~b) or under equivalent regulations of the U.S. Nuclear Regulatory Commission, an Agreement State, or a Licensing State, be authorized to install the device, collect the sample to be analyzed by a specific licensee for leakage of radioactive material, service the device, test the "on-off" mechanism and indicator, or remove the device from installation, the applicant shall include in the application written instructions to be followed by the general licensee, estimated calendar quarter doses associated with such activity or activities, and bases for such estimates. The submitted information shall demonstrate that performance of such activity or activities by an individual untrained in radiological protection, in addition to other handling, storage, and use of devices under the general license, is unlikely to cause that individual to receive a calendar quarter dose in excess of 10 percent of the limits specified in the table in 32 Ill. Adm. Code 340.2010(a).

4) Each person licensed under ~~Section 330.280~~ subsection (d) to distribute devices to generally licensed persons shall:

A) Furnish a copy of the general license contained in Section 330.220(~~d~~b) to each person to whom he directly or through an intermediate person transfers radioactive material in a device for use pursuant to the general license contained in Section 330.220(~~d~~b);

B) Furnish a copy of the general license contained in the U.S. Nuclear Regulatory Commission's, Agreement State's, or Licensing State's regulation equivalent to Section 330.220 (~~d~~b), or alternatively, furnish a copy of the general license contained in Section 330.220(~~d~~b) to each person to whom he directly or through an intermediate person transfers radioactive material in a device for use pursuant to the general

license of the U.S. Nuclear Regulatory Commission, the Agreement State, or the Licensing State. If a copy of the general ~~l~~license in Section 330.220(~~d~~b) is furnished to such a person, it shall be accompanied by a note explaining that the use of the device is regulated by the U.S. Nuclear Regulatory Commission, Agreement State, or Licensing State under requirements substantially the same as those in Section 330.220(~~d~~b);

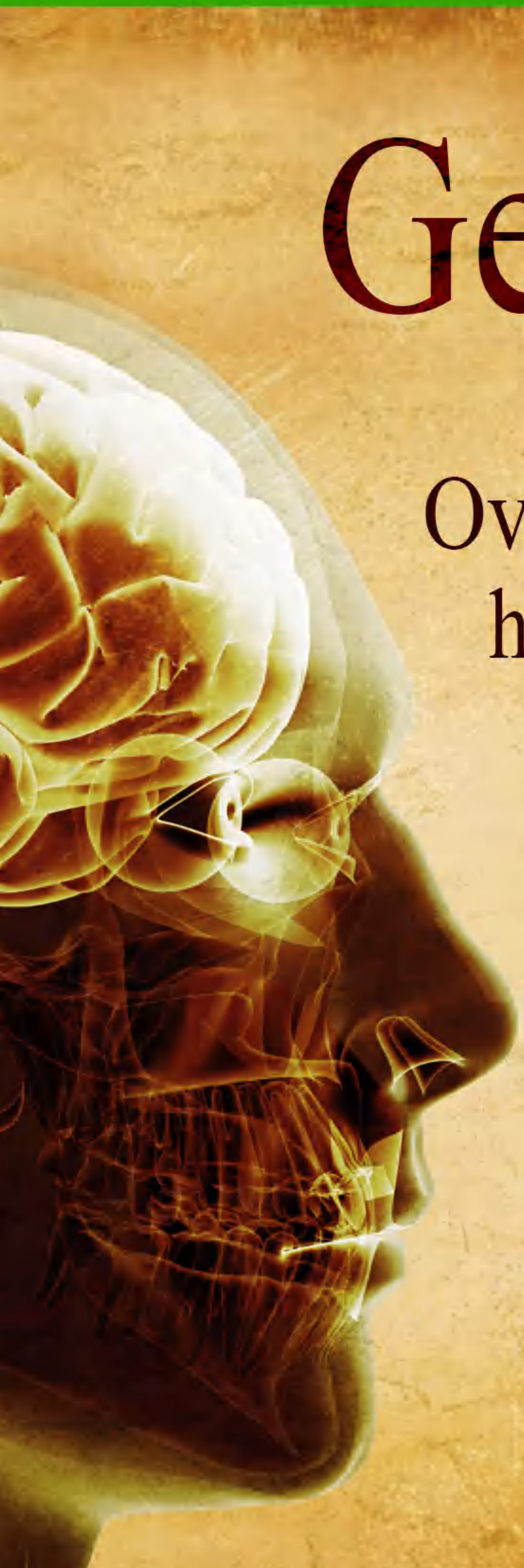
C) Report to the Department all transfers of such devices to persons for use under the general license in Section 330.220(~~d~~b). Such report shall identify each general licensee by name and address, an individual by name and/or position who may constitute a point of contact between the Department and the general licensee, the type and model number of device transferred, and the quantity and type of radioactive material contained in the device. If one or more intermediate persons will temporarily possess the device at the intended place of use prior to its possession by the user, the report shall include identification of each intermediate person by name, address, contact~~,~~ and relationship to the intended user. If no transfers have been made to persons generally licensed under Section 330.220(~~d~~b) during the reporting period, the report shall so indicate. The report shall cover each calendar quarter and shall be filed within 30 days thereafter;

D) Furnish reports to other agencies.

i) Report to the U.S. Nuclear Regulatory Commission all transfers of such devices to persons for use under the U.S. Nuclear Regulatory Commission general license in Section 31.5 of 10 CFR 31.

ii) Report to the responsible State agency all transfers of devices manufactured and distributed pursuant to ~~Section 330.280~~ subsection (d) for use under a general license in that State's regulations equivalent to Section 330.220(~~d~~b).

iii) Such reports shall identify each general licensee by name and address, an individual by



Get Smart

Over 2,000 years of human knowledge in 797,885 volumes

Instant access $8.99/month

Continue

*Fair usage policy applies

~~g)~~ ~~Manufacture and Distribution of Radioactive Material for Medical Use Under General License. In addition to requirements set forth in Section 330.250, a specific license authorizing the distribution of radioactive material for use by physicians under the general license in Section 330.220(h) will be issued if:~~

~~1)~~ ~~The applicant submits evidence that the radioactive material is to be manufactured, labeled, and packaged in accordance with a new drug application which the Commissioner of Food and Drugs, Food and Drug Administration, has approved, or in accordance with a license for a biologic product issued by the Secretary, U.S. Department of Health and Human Services; and~~

~~2)~~ ~~One of the following statements, as appropriate, or a statement which contains the information called for in one of the following statements, appears on the label affixed to the container or appears in the leaflet or brochure which accompanies the package:~~

~~A)~~ ~~this radioactive drug may be received, possessed, and used only by physicians licensed to dispense drugs in the practice of medicine. Its receipt, possession, use, and transfer are subject to the regulations and a general license or its equivalent of the U.S. Nuclear Regulatory Commission, or of a State with which the Commission has entered into an agreement for the exercise of regulatory authority.~~

~~_____~~
~~Name of Manufacturer~~

~~B)~~ ~~This radioactive drug may be received, possessed, and used only by physicians licensed to dispense drugs in the practice of medicine. Its receipt, possession, use, and transfer are subject to the regulations and a general license or its equivalent of a Licensing State.~~

~~_____~~
~~Name of Manufacturer~~

~~h~~g) Manufacture and Distribution of Radioactive Material for Certain *In Vitro* Clinical or Laboratory Testing Under General License. An application for a specific license to manufacture or distribute radioactive material for use under the general license of Section 330.220~~(i)~~(f), or equivalent regulations of an Agreement State, a Licensing State, or the U.S. Nuclear Regulatory Commission, will be approved if:

1) ~~t~~The applicant satisfies the general requirements specified in Section 330.250.

2) ~~t~~The radioactive material is to be prepared for distribution in prepackaged units of:

A) ~~c~~Carbon-14 in units not exceeding 10 microcuries (370 kBq) each.

B) ~~c~~Cobalt-57 in units not exceeding 10 microcuries (370 kBq) each.

C) ~~h~~Hydrogen-3 (tritium) in units not exceeding 50 microcuries (1.85 MBq) each.

D) ~~i~~Iodine-125 in units not exceeding 10 microcuries (370 kBq) each.

E) Mock Iodine-125 in units not exceeding 0.05 microcurie (1.85 kBq) of iodine-129 and 0.005 microcurie (185 Bq) of americium-241 each.

F) ~~i~~Iodine-131 in units not exceeding 10 microcuries (370 kBq) each.

G) ~~i~~Iron-59 in units not exceeding 20 microcuries (740 kBq) each.

H) ~~s~~Selenium-75 in units not exceeding 10 microcuries (370 kBq) each.

3) e~~E~~ach prepackaged unit bears a durable, clearly visible label:

A) ~~i~~Identifying the radioactive contents as to chemical form and radionuclide, and indicating that the amount of radioactivity does not exceed 10 microcuries (370 kBq) of iodine-125, iodine-131, carbon-14, cobalt-57, or selenium-75; 50 microcuries (1.85 MBq) of hydrogen-3 (tritium); 20 microcuries (740 kBq) of iron-59; or M~~m~~ock ~~I~~iodine-125 in units not exceeding 0.05 microcurie (1.85 kBq) of iodine-129 and 0.005

microcurie (185 Bq) of americium-241 each; and

B) ~~d~~Displaying the radiation caution symbol described in 32 Ill. Adm. Code 340.2030(a)(1) and the words, "CAUTION - RADIOACTIVE MATERIAL", and "Not for Internal or External Use in Humans or Animals".

4) ~~o~~One of the following statements, as appropriate, or a statement which contains the information called for in one of the following statements, appears on a label affixed to each prepackaged unit or appears in a leaflet or brochure which accompanies the package:

A) This radioactive material may be received, acquired, possessed~~,~~ and used only by physicians, veterinarians, clinical laboratories, or hospitals and only for *in vitro* clinical or laboratory tests not involving internal or external administration of the material, or the radiation therefrom, to human beings or animals. Its receipt, acquisition, possession, use~~,~~ and transfer are subject to the regulations and a general license of the U.S. Nuclear Regulatory Commission or of a State with which the Commission has entered into an agreement for the exercise of regulatory authority.

_____
Name of Manufacturer

B) This radioactive material may be received, acquired, possessed~~,~~ and used only by physicians, veterinarians, clinical laboratories, or hospitals and only for *in vitro* clinical or laboratory tests not involving internal or external administration of the material, or the radiation therefrom, to human beings or animals. Its receipt, acquisition, possession, use~~,~~ and transfer are subject to the regulations and a general license of a Licensing State.

_____
Name of Manufacturer

5) ~~t~~The label affixed to the unit, or the leaflet or brochure which accompanies the package, contains information ~~as to~~ about the precautions to be ~~observed~~ followed in handling and ~~storig~~ storing such radioactive material. In the case of the ~~M~~mock ~~I~~iodine-125 reference or calibration source, the manufacturer ~~must~~ shall state in the directions that this item~~s~~ ~~must~~ shall be disposed of in compliance with 32 Ill. Adm. Code 340.3010.

~~i~~h) Licensing the Manufacture and Distribution of Ice Detection Devices. An application for a specific license to manufacture and distribute ice detection devices to persons generally licensed under Section 330.220(~~j~~g) will be approved if:

1) ~~t~~The applicant satisfies the general requirements of Section 330.250; and

2) ~~t~~The criteria of Section 32.61, 32.62, and 32.103 of 10 CFR 32, as in effect January 1, 1990, exclusive of subsequent amendments or editions, are met.

AGENCY NOTE: A copy of 10 CFR 32 is available for public inspection at the Department.

~~j~~i) Manufacture and Distribution of Radiopharmaceuticals Containing Radioactive Material for Medical Use Under ~~Group~~ Specific Licenses. An application for a specific license to manufacture and distribute radiopharmeceuticals containing radioactive material for use by persons licensed pursuant to Section 330.260(~~c~~a) for the uses listed in ~~Appendix C, Group I, Group II, Group IV, or Group V of this Part~~ 32 Ill Adm. Code 335.3010, 335.4010, or 335.5010 will be approved if:

1) ~~t~~The applicant satisfies the general requirements specified in Section 330.250 ~~of this Part~~;

2) ~~t~~The applicant submits ~~evidence~~ information showing that:

A) ~~t~~The radiopharmaceutical containing radioactive material will be manufactured, labeled, and packaged in accordance with the Federal Food, Drug, and Cosmetic Act or the Public Health Service Act, such as a ~~n~~New ~~d~~Drug ~~a~~Application (NDA) approved by the Food and Drug Administration (FDA), or an "~~Notice of Claime~~d Investigational ~~Exemption for a~~ New Drug Application" (IND) that has been accepted by the FDA; or

B) ~~t~~The manufacture and distribution of the radiopharmaceutical containing radioactive material is

not subject to the Federal Food, Drug, and Cosmetic Act and the Public Health Service Act~~.~~;

3) ~~t~~The applicant submits information on the radionuclide, chemical and physical form, packaging including maximum activity per package, and shielding provided by the packaging of the radioactive material which is appropriate for safe handling and storage of radiopharmaceuticals by ~~group~~ specific licensees; and

4) ~~A)~~ ~~t~~The label affixed to each package of the radiopharmaceutical contains information on the radionuclide, quantity, and date of assay and the label affixed to each package, or the leaflet or brochure which accompanies each package, contains a statement that the radiopharmaceutical is licensed by the Department for distribution to persons licensed pursuant to Section 330.260(~~c~~a) ~~and Appendix C, Group I, Group II, Group IV, and Group V of this Part~~ for radioactive material specified in 32 Ill. Adm. Code 335.3010, 335.4010, or 335.5010, as appropriate, or under equivalent licenses of the U.S. Nuclear Regulatory Commission, an Agreement State, or a Licensing State. The labels, leaflets, or brochures required by this subsection are in addition to the labeling required by the Food and Drug Administration (FDA) and may be separate from or, with the approval of FDA, may be combined with the labeling required by FDA.

~~B) the labels, leaflets, or brochures required by Section 330.280(j) are in addition to the labeling required by the Food and Drug Administration (FDA) and they may be separate from or, with the approval of FDA, may be combined with the labeling required by FDA.~~

~~k~~j) Manufacture and Distribution of Generators or Reagent Kits for Preparation of Radiopharmaceuticals Containing Radioactive Material.*

*AGENCY NOTE: Although the Department does not regulate the manufacture and distribution of reagent kits that do not contain radioactive material, it does regulate the use of such reagent kits for the preparation of radiopharmaceuticals containing radioactive material as part of its licensing and regulation of the users of radioactive material. Any manufacturer of reagent kits that do not contain radioactive material who desires to have ~~his~~ such reagent kits approved by the Department for use by

persons licensed pursuant to Section 330.260(~~c~~a) ~~and Appendix C, Group III of this Part~~ for generators or reagent kits specified in 32 Ill. Adm. Code 335.4010 may submit the pertinent information specified in ~~Section 330.280(k)~~ this subsection. An application for a specific license to manufacture and distribute generators or reagent kits containing radioactive material for preparation of radiopharmaceuticals by persons licensed pursuant to Section 330.260(~~c~~a) for the uses ~~listed in Appendix C, Group III of this Part~~ specified in 32 Ill. Adm. Code 335.4010 will be approved if:

1) ~~t~~The applicant satisfies the general requirements specified in Section 330.250;

2) ~~t~~The applicant submits evidence that:

A) ~~t~~The generator or reagent kit is to be manufactured, labeled, and packaged in accordance with the Federal Food, Drug, and Cosmetic Act or the Public Health Service Act, such as a ~~n~~New ~~d~~Drug ~~a~~Application (NDA) approved by the Food and Drug Administration (FDA), or an "~~Notice of Claimed~~ Investigational ~~Exemption for a~~ New Drug Application" (INO) that has been accepted by the FDA, or

B) ~~t~~The manufacture and distribution of the generator or reagent kit are not subject to the Federal Food, Drug, and Cosmetic Act and the Public Health Service Act;

3) ~~t~~The applicant submits information on the radionuclide, chemical and physical form, packaging including maximum activity per package, and shielding provided by the packaging of the radioactive material contained in the generator or reagent kit;

4) ~~t~~The label affixed to the generator or reagent kit contains information on the radionuclide, quantity~~,~~ and date of assay; and

5) ~~t~~The label affixed to the generator or reagent kit, or the leaflet or brochure which accompanies the generator or reagent kit, contains:

A) ~~a~~Adequate information, from a radiation safety standpoint, on the procedures to be followed and the equipment and shielding to be used in eluting the generator or processing radioactive material with the

SAVE $3,999,994

Did you know we sell paperback books too?

To buy our entire catalog in paperback would cost over $4,000,000

Access it all now for $8.99/month

*Fair usage policy applies

Continue

B) ~~p~~Protection of primary containment;

C) ~~m~~Method of sealing containment;

D) ~~c~~Containment construction materials;

E) ~~f~~Form of contained radioactive material;

F) ~~m~~Maximum temperature withstood during prototype tests;

G) ~~m~~Maximum pressure withstood during prototype tests;

H) ~~m~~Maximum quantity of contained radioactive material;

I) ~~r~~Radiotoxicity of contained radioactive material; and

J) ~~o~~Operating experience with identical sources or devices or similarly designed and constructed sources or devices.

~~m~~l) Requirements for License to Manufacture and Distribute Industrial Products Containing Depleted Uranium for Mass-Volume Applications. An application for a specific license to manufacture industrial products and devices containing depleted uranium for use pursuant to Section 330.210(d) or equivalent regulations of the U.S. Nuclear Regulatory Commission or an Agreement State will be approved if:

1) ~~t~~The applicant satisfies the general requirements specified in Section 330.250.

2) ~~t~~The applicant submits sufficient information relating to the design (including blueprints), manufacture (construction materials and methods), prototype testing (description of testing that will be done and the acceptance criteria), quality control procedures, labeling or marking, proposed uses~~,~~ and potential hazards of the industrial product or device to assure that possession, use, or transfer of the depleted uranium in the product or device will not cause any individual to receive in any period of 1 ~~calender~~ calendar quarter a radiation dose in excess of 10 percent of the limits specified in 32 Ill. Adm. Code 340.1010(a).

3) ~~t~~The applicant submits information assuring that the presence of depleted uranium for a mass-volume application in the product or device will provide a unique benefits to

the public, i.e., a benefit which could not be achieved but for the use of depleted uranium. The applicant's methods for use and handling of the product or device will not result in uncontrolled disposal or dispersal of depleted uranium into the environment.

~~4)~~ ~~in the case of an industrial product or device whose unique benefits are questionable, the Department will approve an application for a specific license under Section 330.280(m) only if the applicant provides evidence to the Department that the methods for use or handling of the product or device will not result in uncontrolled disposal or dispersal of significant quantities of depleted uranium into the environment.~~

~~5~~4) ~~t~~The Department will deny any application for a specific license under ~~Section 330.280(m)~~ this subsection if the end use(s) of the industrial product or device cannot be reasonably foreseen.

~~6~~5) ~~e~~Each person licensed pursuant to ~~Section 330.280(m)(1)~~ subsection (l)(1) shall:

A) ~~m~~Maintain the level of quality control required by the license in the manufacture of the industrial product or device, and in the installation of the depleted uranium into the product or device;

B) ~~l~~Label or mark each unit to:

i) ~~i~~Identify the manufacturer of the product or device and the number of the license under which the product or device was manufactured, the fact that the product or device contains depleted uranium~~,~~ and the quantity of depleted uranium in each product or device; and

ii) ~~s~~State that the receipt, possession, use~~,~~ and transfer of the product or device are subject to a general license or the equivalent and the regulations of the U.S. Nuclear Regulatory Commission or an Agreement State;

C) ~~a~~Assure that the depleted uranium before being installed in each product or device has been impressed with the following legend clearly legible through any

plating or other covering: "Depleted Uranium";

D) ~~f~~Furnish:

i) ~~a~~A copy of the general license contained in Section 330.210(d) and a copy of the form, "Registration Certificate - Use of Depleted Uranium Under General License", to each person to whom he transfers depleted uranium in a product or device for use pursuant to the general license contained in Section 330.210(d); or

ii) ~~a~~A copy of the general license contained in the U.S. Nuclear Regulatory Commission's or Agreement State's regulation equivalent to Section 330.210(d) and a copy of the U.S. Nuclear Regulatory Commission's or Agreement State's certificate, or alternatively, furnish a copy of the general license contained in Section 330.210(d) and a copy of the form, "Registration Certificate - Use of Depleted Uranium Under General License", to each person to whom he transfers depleted uranium in a product or device for use pursuant to the general license of the U.S. Nuclear Regulatory Commission or an Agreement State, with a note explaining that use of the product or device is regulated by the U.S. Nuclear Regulatory Commission or an Agreement State under requirements substantially the same as those in Section 330.210(d);

E) ~~r~~Report to the Department all transfers of industrial products or devices to persons for use under the general license in Section 330.210(d). Such report shall identify each general licensee by name and address, an individual by name and/or position who may constitute a point of contact between the Department and the general licensee, the type and model number of device transferred~~,~~ and the quantity of depleted uranium contained in the product or device. The report shall be submitted within thirty (30) days after the end of each ~~calender~~ calendar quarter in which such a product or device is transferred to the generally licensed person. If no transfers have been made to persons generally licensed under Section

330.210(d) during the reporting period, the report shall so indicate;

F) File a report which identifies each general licensee by name and address, an individual by name and/or position who constitutes a point of contact between the agency and the general licensee, the type and model number of the device transferred~~,~~ and the quantity of depleted uranium contained in the product or device. The report shall be submitted within thirty (30) days after the end of each calendar quarter in which such product or device is transferred to the generally licensed person. The licensee shall report:

i) ~~t~~To the U.S. Nuclear Regulatory Commission all transfers of industrial products or devices to persons for use under the U.S. Nuclear Regulatory Commission general license in Section 40.25 of 10 CFR 40;

ii) ~~t~~To the responsible State agency all transfers of devices manufactured and distributed pursuant to ~~Section 330.280(m)~~ subsection (l) for use under a general license in that State's regulations equivalent to Section 330.210(d);

iii) ~~t~~To the U.S. Nuclear Regulatory Commission if no transfers have been made by the licensees during the reporting period;

iv) ~~t~~To the responsible Agreement State Agency upon the request of that Agency if no transfers have been made to general licensees within a particular Agreement State during the reporting period; and

G) ~~k~~Keep records showing the name, address~~,~~ and point of contact for each general licensee to whom he transfers depleted uranium in industrial products or devices for use pursuant to the general license provided in Section 330.210(d) or equivalent regulations of the U.S. Nuclear Regulatory Commission or an Agreement State. The records shall be maintained for a period of 2 years and shall show the date of each transfer, the quantity of depleted uranium in each product or

device transferred~~,~~ and compliance with the report requirements of this ~~s~~Section.

~~n~~m) Special Requirements for ~~Licensing~~ License to Manufacture, ~~or~~ Import, or Initially ~~Devices to be Distributed~~ Distribute Sealed Sources or Devices Containing Sealed Sources to Persons having a Specific License.

1) An application for license to manufacture, ~~or~~ import, or initially distribute sealed sources or devices containing ~~radioactive materials~~ sealed sources for initial transfer to persons having a specific license to receive such sealed sources or devices will be approved subject to the following conditions:

~~1)~~ A) ~~t~~The applicant satisfies the general requirements specified in Section 330.250 ~~of this Part~~;

~~2)~~ B) ~~the applicant submits all information regarding each type of device pertinent to evaluation of the potential radiation exposure, including:~~ The licensee subject to this subsection shall not transfer a sealed source or device containing a sealed source to any person except in accordance with the requirements of Section 330.400.

2) Any manufacturer, importer, or initial distributor of a sealed source or device containing a sealed source whose product is intended for use under a specific license may submit a request to the Department for evaluation of radiation safety information about its product and for filing an evaluation sheet in the U.S. Department of Health and Human Services "Radioactive Material Reference Manual" or in the U.S. Nuclear Regulatory Commission "Registry of Radioactive Sealed Sources and Devices".

A) A request for evaluation of a sealed source or device containing a sealed source must be submitted in duplicate and shall include information required by subsections (m)(2)(B) or (C), as applicable, demonstrating that the radiation safety properties of such source or device will not endanger public health and safety or property.

B) A request for evaluation of a sealed source must include the following radiation safety information:

i) Proposed uses for the sealed source;

~~A)~~ ii) ~~c~~Chemical and physical form and maximum quantity of radioactive material in the ~~device~~ sealed source;

~~B)~~ iii) ~~d~~Details of ~~construction and~~ design of the sealed source, ~~of radiation and its shielding (~~including blueprints~~)~~, engineering drawings or annotated drawings;

iv) Details of construction of the sealed source including a description of materials used in construction;

~~C)~~ v) ~~r~~Radiation profile of a prototype ~~device~~ sealed source;

~~D)~~ vi) ~~p~~Procedures for and results of prototype testing ~~of devices~~;

~~E)~~ vii) ~~d~~Details of quality control procedures to be followed in manufacture ~~of the device~~;

~~F)~~ viii) A description or facsimile of labeling to be affixed to the ~~device~~ sealed source;

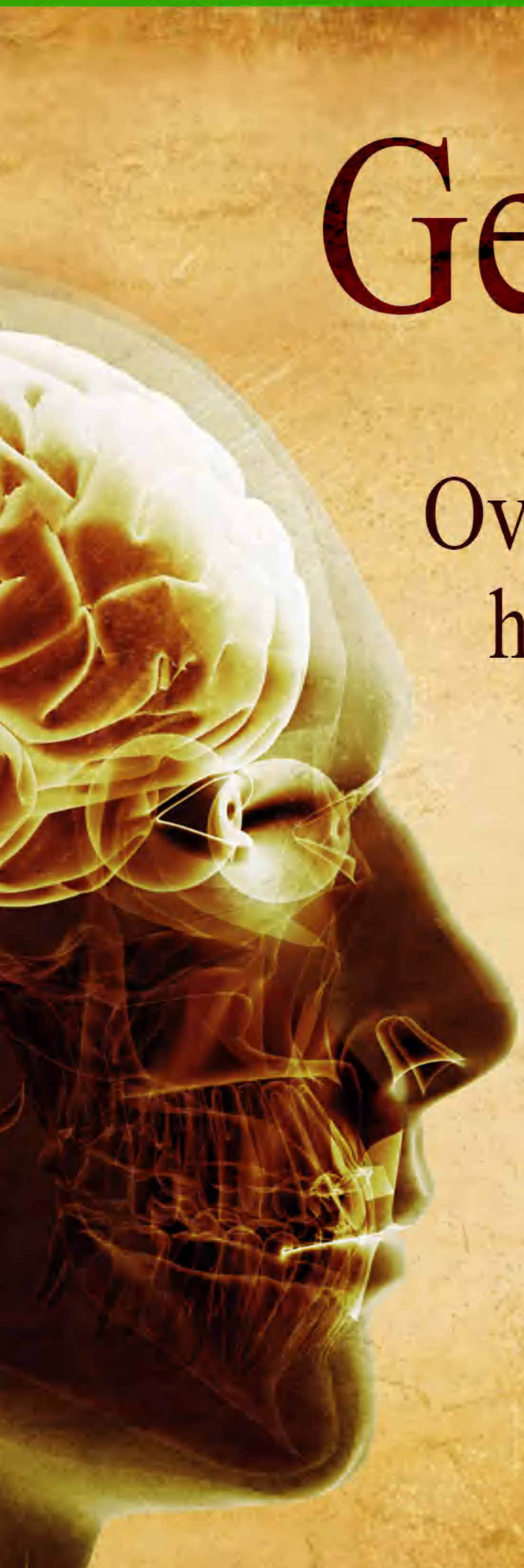
~~G)~~ ix) ~~instructions for handling and use of the device~~ Leak testing procedures; and

~~H)~~ x) ~~a~~Any additional information, including experimental studies and tests, required by the Department to facilitate a determination of the safety of the ~~device~~ sealed source, as required by Section 330.250.

~~3) the licensee under this paragraph shall not transfer a device to any person except in accordance with the requirements of Section 300.400.~~

C) A request for evaluation of a device containing a sealed source must include the following radiation safety information:

i) Proposed uses for the device;



Get Smart

Over 2,000 years of human knowledge in 797,885 volumes

Instant access $8.99/month

Continue

*Fair usage policy applies

Name of Manufacturer

B) This radioactive drug may be received, possessed, and used only by physicians licensed to dispense drugs in the practice of medicine. Its receipt, possession, use, and transfer are subject to the regulations and a general license or its equivalent of a Licensing State.

Name of Manufacturer

(Source: Amended at 15 Ill. Reg. 10632, effective July 15, 1991)

Section 330.310 Specific Terms and Conditions of License

a) Each license issued pursuant to this Part shall be subject to all applicable provisions, of the Radiation Protection Act of 1990 (The Act) (Ill. Rev. Stat. ~~1985~~ 1990 Supp., ch. 111½, par. ~~211~~ 210-1 et seq.), now or hereafter in effect, and to all applicable rules, regulations, and orders of the Department.

b) No license issued or granted under this Part and no right to possess or utilize radioactive material granted by any license issued pursuant to this Part shall be transferred, assigned, or in any manner disposed of, either voluntarily or involuntarily, directly or indirectly, through transfer of control of any license to any person unless the Department shall, after securing full information find that the transfer is in accordance with the provisions of the Act, and shall give its consent in writing.

c) Each person licensed by the Department pursuant to this Part shall confine use and possession of the material licensed to the locations and purposes authorized in the license.

d) Each licensee shall notify the Department in writing ~~when the licensee decides to permanently discontinue all activities involving materials authorized under the license~~ prior to commencing activities to reclaim the licensed facility.

e) Notification of Bankruptcy.

1) Each licensee shall notify the Department, in writing, immediately following the filing of a voluntary or involuntary petition for bankruptcy under any Chapter of

Title 11 (Bankruptcy) of the United States Code by or against;

A) The licensee;

B) An entity (as that term is defined in 11 U.S.C. 101(14)) controlling the licensee or listing the license or licensee as property of the estate; or

C) An affiliate (as that term is defined in 11 U.S.C. 101(2)) of the licensee.

2) This notification must indicate:

A) The bankruptcy court in which the petition for bankruptcy was filed; and

B) The date of the filing of the petition.

(Source: Amended at 15 Ill. Reg. 10632, effective July 15, 1991)

Section 330.320 Expiration and Termination of Licenses

a) Except as provided in Section 330.330(b), ~~each~~ the authority to engage in licensed activities as specified in the specific license shall expire at the end of the specified day in the month and year stated therein. Any expiration date on a specific license applies only to the authority to engage in licensed activities. Expiration of a specific license shall not relieve the licensee of responsibility for decommissioning his facility and terminating the specific license.

b) Each licensee shall notify the Department immediately, in writing, and request termination of the license when the licensee decides to terminate all activities involving radioactive materials authorized under the license. This notification and request for termination shall include the documents required by ~~Section 330.320~~ subsection (d) and shall otherwise substantiate that the licensee has met all of the requirements in ~~Section 330.320~~ subsection (d).

c) No less than 30 days before the expiration date specified in the license, the licensee shall either:

1) submit an application for license renewal under Section 330.330; or

2) notify the Department, in writing, if the licensee decides not to renew the license. The licensee requesting termination of a license shall comply with the requirements of ~~Section 330.320~~ subsection (d).

d) Termination of Licenses.

1) ~~if~~ If a licensee does not submit an application for license renewal under Section 330.330, the licensee shall, on or before the expiration date specified in the license:

A) terminate use of radioactive material;

B) remove radioactive contamination to the level outlined in 32 Ill. Adm. Code 340~~,~~. Appendix C, to the extent practicable;

C) properly dispose of radioactive material;

D) submit a completed Department Form KLM.007; and

E) submit a radiation survey report to confirm the absence of radioactive materials or to establish the levels of residual radioactive contamination, unless the licensee demonstrates the absence of residual radioactive contamination in some other manner. The licensee shall, as applicable:

i) report levels of radiation in units of microrads per hour of beta and gamma radiation at 1 centimeter and gamma radiation at 1 meter from surfaces and report levels of radioactivity in units of transformations per minute (or microcuries) per 100 square centimeters removable and fixed on surfaces; microcuries per milliliter in water, and picocuries per gram in contaminated solids such as soils or concrete; and

ii) specify the instrumentation used and certify that each instrument was properly calibrated and tested.

2) ~~if~~ If no residual radioactive contamination attributable to activities conducted under the license is detected, the licensee shall submit a certification that no detectable radioactive contamination was found. The Department will notify the licensee, in writing, of the termination of the license.

3) ~~if~~ If detectable levels or residual radioactive contamination attributable to activities conducted under the license are found:

A) the license continues in effect beyond the expiration date, if necessary, with respect to possession of residual radioactive material present as contamination until the Department notifies the licensee in writing that the license is terminated. During this time the licensee is subject to the provisions of ~~Section 330.320~~ subsection (e).

B) in addition to the information submitted under ~~Section 330.320~~ subsections (d)(1)(D) and (E), the licensee shall submit a plan for decontamination, if required, as regards residual radioactive contamination remaining at the time the license expires.

e) Each licensee who possesses residual radioactive material under ~~Section 330.320~~ subsection (d)(3), following the expiration date specified in the license, shall:

1) limit actions involving radioactive material to those related to decontamination and other activities related to preparation for release for unrestricted use; and

2) continue to control entry to restricted areas until they are suitable for release for unrestricted use and the Department notifies the licensee in writing that the license is terminated.

(Source: Amended at 15 Ill. Reg. 10632, effective July 15, 1991)

Section 330.340 Amendment of Licenses at Request of Licensee

Applications for amendment of a license shall be filed in accordance with Section 330.240 and shall specify the purpose for which the licensee desires the license to be amended and the grounds for such amendment. The Department shall not issue amendments to licenses that were issued before June 1, 1987, for naturally occurring or accelerator produced radioactive material to authorize use, possession, or receipt of source, byproduct, or special nuclear material.

(Source: Amended at 15 Ill. Reg. 10632, effective July 15, 1991)

Section 330.400 Transfer of Material

a) No licensee shall transfer radioactive material except as authorized pursuant to this Section.

b) Except as otherwise provided in his license and subject to the provisions of ~~Section 330.400~~ subsections (c) and (d), any licensee may transfer radioactive material:

1) ~~t~~To the Department;*

*AGENCY NOTE: A licensee may transfer material to the Department only after receiving prior approval from the Department.

2) ~~t~~To the U.S. Department of Energy;

3) ~~t~~To any person exempt from the regulations in this Part to the extent permitted under such exemption;

4) ~~t~~To any person authorized to receive such material under terms of a general license or its equivalent, or a specific license or equivalent licensing document, issued by the Department, the U.S. Nuclear Regulatory Commission, an Agreement State, or any Licensing State, or to any person otherwise authorized to receive such material by the Federal Government or any agency thereof, the Department, an Agreement State, or a Licensing State; or

S) ~~a~~As otherwise authorized by the Department in writing.

c) Before transferring radioactive material to a specific licensee of the Department, or to a general licensee who is required to register with the Department, the U.S. Nuclear Regulatory Commission, an Agreement State, or a Licensing State prior to receipt of the radioactive material, the licensee transferring the material shall verify that the transferee's license authorizes the receipt of the type, form, and quantity of radioactive material to be ~~trans ferred~~ transferred.

d) Any of the following methods for the verification required by ~~Section 330.400~~ subsection (c) is acceptable:

1) ~~t~~The transferor may possess ~~and read~~ a current copy of the

transferee's specific license or registration certificate authorizing the transferee to receive the type, form and quantity of radioactive material to be transferred;

2) ~~t~~The transferor may possess a written certification by the transferee that the transferee is authorized by license or registration certificate to receive the type, form, and quantity of radioactive material to be transferred, specifying the license or registration certificate number, issuing agency, and expiration date;

3) ~~f~~For emergency shipments, the transferor may accept oral certification by the transferee that the transferee is authorized by license or registration certificate to receive the type, form, and quantity of radioactive material to be transferred, specifying the license or registration certificate number, issuing agency, and expiration date; provided, that the oral certification is confirmed in writing within 10 days;

4) ~~t~~The transferor may obtain other information compiled by a reporting service from official records of the Department, the U.S. Nuclear Regulatory Commission, an Agreement State, or a Licensing State regarding the identity of licensees and the scope and expiration dates of licenses and registration; or

5) ~~w~~When none of the methods of verification described in ~~Section 330.400~~ subsections (d)(1) through (4) are readily available or when a transferor desires to verify that information received by one of such methods is correct or up-to-date, the transferor may obtain and record confirmation from the Department, the U.S. Nuclear Regulatory Commission, an Agreement State, or a Licensing State that the transferee is licensed to receive the radioactive material.

e) Shipment and transport of radioactive material shall be in accordance with the provisions of 32 Ill. Adm. Code 341.

(Source: Amended at 15 Ill. Reg. 10632, effective July 15, 1991)

Section 330.900 Reciprocal Recognition of Licenses

a) Licenses of Byproduct, Source, and Special Nuclear Material in Quantities Not Sufficient to Form a Critical Mass.

SAVE $3,999,994

Did you know we sell paperback books too?

To buy our entire catalog in paperback would cost over $4,000,000

Access it all now for $8.99/month

*Fair usage policy applies

Continue

D) ~~t~~The holder of the specific license shall furnish to each general licensee to whom he transfers such device or on whose premises he installs such device a copy of the general license contained in Section 330.220(~~d~~b) or in equivalent regulations of the agency having jurisdiction over the manufacture and distribution of the device.

3) ~~t~~The Department may withdraw, limit, or qualify its acceptance of any specific license or equivalent licensing document issued by a Licensing State, or any product distributed pursuant to such licensing document, if the Department determines that had the individual been licensed in Illinois by the Department, the license would have been subject to action under Section 330.500 or 32 Ill. Adm. Code 310.90.

b) Licenses of Naturally Occurring and Accelerator-Produced Radioactive Material.

1) ~~s~~Subject to this Part, any person who holds a specific license from a Licensing State, and issued ~~h~~y the agency having jurisdiction where the licensee maintains an office for directing the licensed activity and at which radiation safety records are normally maintained, is hereby granted a general license to conduct the activities authorized in such licensing document within this State for a period not in excess of 180 days in any ~~calendar year~~ 12 month period, provided that:

A) A current copy of the licensing document is on file with the Department and ~~does not limit~~ the ~~activity~~ activities authorized by such document are not limited to specified installations or locations;

B) ~~t~~The out-of-state licensee notifies the Department ~~in writing at least 3 days~~ by telephone, telegraph, or letter prior to engaging in such ~~activity~~ activities. Such notification shall indicate the location, period, and type of proposed possession and use within the State. If initial notification was by telephone, the out-of-state licensee shall submit to the Department within ten (10) days following such telephone notification a telegram or letter which contains the above information. ~~, and shall be accompanied by a copy of the pertinent licensing document. In cases of~~

~~emergency, the licensee may, upon application to the Department, obtain permission to proceed sooner.~~ Upon receipt from the out-of-state licensee of a written request ~~by the out of state licensee~~ which contains a schedule of activities to be conducted within Illinois, the Department will waive the requirement for ~~filing~~ additional ~~written~~ notifications during the remainder of the calendar year following the receipt of the initial notification from a person engaging in activities under the general license provided in ~~Section 330.900~~ subsection (a)(1);

C) ~~t~~The out-of-state licensee complies with ~~all applicable regulations of the Department~~ 32 Ill. Adm. Code: Chapter II and with all the terms and conditions of the licensing document, except any such terms and conditions which may be inconsistent with ~~applicable regulations of the Department~~ 32 Ill. Adm. Code: Chapter II;

D) ~~t~~The out-of-state licensee supplies any other information necessary to show compliance with ~~the Department's rules~~ 32 Ill. Adm. Code: Chapter II; and

E) ~~t~~The out-of-state licensee shall not transfer or dispose of radioactive material possessed or used under the general license provided in ~~Section 330.900~~ subsection (b)(1) except by transfer to a person:

i) ~~s~~Specifically licensed by the Department or by another Licensing State to receive such material, or

ii) ~~e~~Exempt from the requirements for a license for such material under Section 330.40.

2) ~~n~~Notwithstanding the provisions of ~~Section 330.900~~ subsection (b)(1), any person who holds a specific license issued by a Licensing State authorizing the holder to manufacture, transfer, install, or service a device described in Section 330.220(~~d~~b).(1) within areas subject to the jurisdiction of the licensing body is hereby granted a general license to install, transfer, demonstrate, or service such a device in this State provided that:

A) ~~s~~Such person shall file a report with the Department

within thirty (30) days after the end of each calendar quarter in which any device is transferred to or installed in this State. Each such report shall identify each general licensee to whom such device is transferred by name and address, the type of device transferred, and the quantity and type of radioactive material contained in the device;

B) ~~t~~The device has been manufactured, labeled, installed, and serviced in accordance with applicable provisions of the specific license issued to such person by a Licensing State;

C) ~~s~~Such person shall assure that any labels required to be affixed to the device under regulations of the authority which licensed manufacture of the device bear a statement that "Removal of this label is prohibited"; and

D) ~~t~~The holder of the specific license shall furnish to each general licensee to whom he transfers such device or on whose premises he installs such a copy of the general license contained in Section 330.220(~~d~~b) or in equivalent regulations of the agency having jurisdiction over the manufacture and distribution of the device.

3) ~~t~~The Department may withdraw, limit, or qualify its acceptance of any specific license or equivalent licensing document issued by a Licensing State, or any product distributed pursuant to such licensing document, if the Department determines that had the out-of-state licensee been licensed by Illinois, the licensee's license would have been subject to action under Section 330.500 or 32 Ill. Adm. Code 310.90.

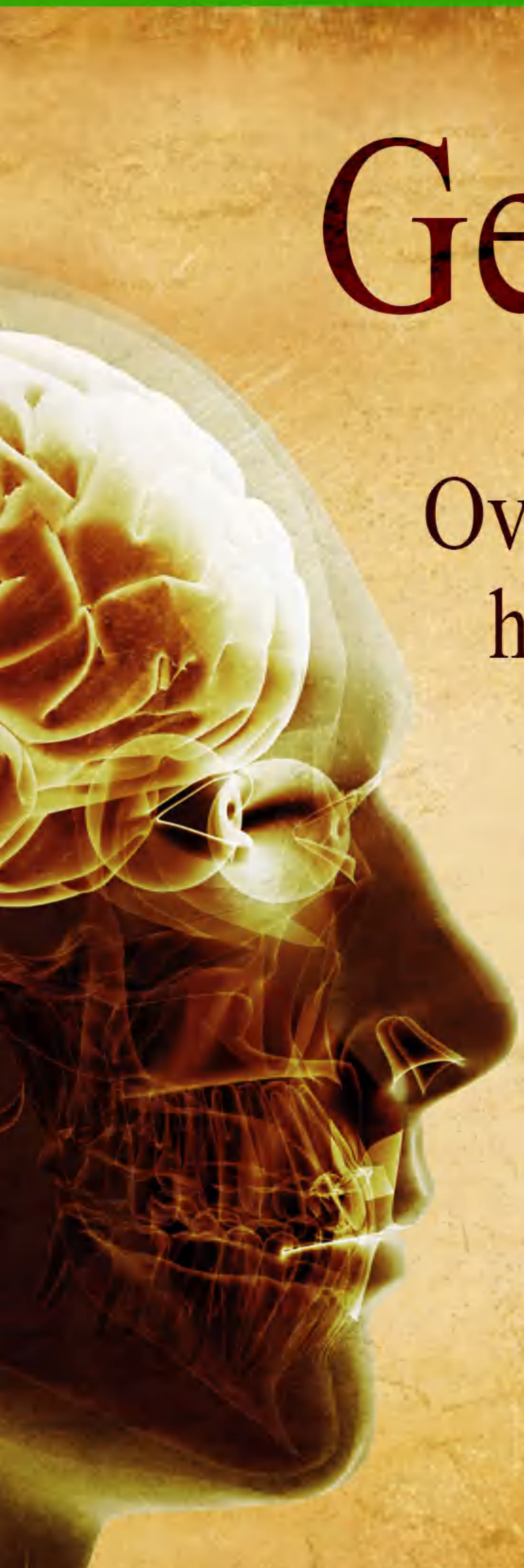
(Source: Amended at 15 Ill. Reg. 10632, effective July 15, 1991)

SECTION 330.APPENDIX B EXEMPT QUANTITIES

Radioactive Material		Micro-curies
Antimony-122	(Sb 122)	100
Antimony-124	(Sb 124)	10
Antimony-125	(Sb 125)	10
Arsenic-73	(As 73)	100
Arsenic-74	(As 74)	10
Arsenic-76	(As 76)	10
Arsenic-77	(As 77)	100
Barium-131	(Ba 131)	10
Barium-133	(Ba 133)	10
Barium-140	(Ba 140)	10
Bismuth-210	(Bi 210)	1
Bromine-82	(Br 82)	10
Cadmium-109	(Cd 109)	10
Cadmium-115m	(Cd 115m)	10
Cadmium-115	(Cd 115)	100
Calcium-45	(Ca 45)	10
Calcium-47	(Ca 47)	10
Carbon-14	(C 14)	100
Cerium-141	(Ce 141)	100
Cerium-143	(Ce 143)	100
Cerium-144	(Ce 144)	1
Cesium-129	(Cs 129)	100
Cesium-131	(Cs 131)	~~1,330~~ 1,000
Cesium-134m	(Cs 134m)	100
Cesium-134	(Cs 134)	1
Cesium-135	(Cs 135)	10
Cesium-136	(Cs 136)	10
Cesium-137	(Cs 137)	10
Chlorine-36	(Cl 36)	10
Chlorine-38	(Cl 38)	10
Chromium-51	(Cr 51)	~~1,330~~ 1,000
Cobalt-57	(Co 57)	100
Cobalt-58m	(Co 58m)	10
Cobalt-58	(Co 58)	10
Cobalt-60	(Co 60)	1
Copper-64	(Cu 64)	100
Dysprosium-165	(Dy 165)	10
Dysprosium-166	(Dy 166)	100
Erbium-169	(Er 169)	100
Erbium-171	(Er 171)	100
Europium-152	(Eu 152)9.2h	100

Radioactive Material		Micro-curies
Europium-152	(Eu 152)13 yr	1
Europium-154	(Eu 154)	1
Europium-155	(Eu 155)	10
Fluorine-18	(F 18)	~~1,330~~ 1,000
Gadolinium-153	(Gd 153)	10
Gadolinium-159	(Gd 159)	100
Gallium-67	(Ga 67)	100
Gallium-72	(Ga 72)	10
Germanium-68	(Ge 68)	10
Germanium-71	(Ge 71)	100
Gold-195	(Au 195)	10
Gold-198	(Au 198)	100
Gold-199	(Au 199)	100
Hafnium-181	(Hf 181)	10
Holmium-166	(Ho 166)	100
Hydrogen-3	(H 3)	~~1,330~~ 1,000
Indium-111	(In 111)	100
Indium-113m	(In 113m)	100
Indium-114m	(In 114m)	10
Indium-115m	(In 115m)	100
Indium-115	(In 115)	10
Iodine-123	(I 123)	100
Iodine-125	(I 125)	1
Iodine-126	(I 126)	1
Iodine-129	(I 129)	0.1
Iodine-131	(I 131)	1
Iodine-132	(I 132)	10
Iodine-133	(I 133)	1
Iodine-134	(I 134)	10
Iodine-135	(I 135)	10
Iridium-192	(Ir 192)	10
Iridium-194	(Ir 194)	100
Iron-52	(Fe 52)	10
Iron-55	(Fe 55)	100
Iron-59	(Fe 59)	10
Krypton-85	(Kr 85)	100
Krypton-87	(Kr 87)	10
Lanthanum-140	(La 140)	10
Lutetium-177	(Lu 177)	100
Manganese-52	(Mn 52)	10
Manganese-54	(Mn 54)	10
Manganese-56	(Mn 56)	10

Radioactive Material		
Mercury-197m	(Hg 197m)	10
Mercury-197	(Hg 197)	10
Mercury-203	(Hg 203)	1
Molybdenum-99	(Mo 99)	10
Neodymium-147	(Nd 147)	10
Neodymium-149	(Nd 149)	10
Nickel-59	(Ni 59)	10
Nickel-63	(Ni 63)	1
Nickel-65	(Ni 65)	10
Niobium-93m	(Nb 93m)	1
Niobium-95	(Nb 95)	1
Niobium-97	(Nb 97)	1
Osmium-185	(Os 185)	1
Osmium-191m	(Os 191m)	10
Osmium-191	(Os 191)	10
Osmium-193	(Os 193)	10
Palladium-103	(Pd 103)	10
Palladium-109	(Pd 109)	10
Phosphorus-32	(P 32)	1
Platinum-191	(Pt 191)	10
Platinum-193m	(Pt 193m)	10
Platinum-193	(Pt 193)	10
Platinum-197m	(Pt 197m)	10
Platinum-197	(Pt 197)	10
Polonium-210	(Po 210)	
Potassium-42	(K 42)	1
Potassium-43	(K 43)	1
Praseodymium-142	(Pr 142)	10
Praseodymium-143	(Pr 143)	10
Promethium-147	(Pm 147)	1
Promethium-149	(Pm 149)	1
Rhenium-186	(Re 186)	10
Rhenium-188	(Re 188)	10
Rhodium-103m	(Rh 103m)	10
Rhodium-105	(Rh 105)	10
Rubidium-81	(Rb 81)	1
Rubidium-86	(Rb 86)	1
Rubidium-87	(Rb 87)	1
Ruthenium-97	(Ru 97)	10
Ruthenium-103	(Ru 103)	1
Ruthenium-105	(Ru 105)	1
Ruthenium-106	(Ru 106)	
Samarium-151	(Sm 151)	1



Get Smart

Over 2,000 years of human knowledge in 797,885 volumes

Instant access $8.99/month

Continue

*Fair usage policy applies

NOTE ~~2~~ 1:

To convert microcuries (uCi) to SI units of kilobecquerels (kBq), multiply the above values by 37.

EXAMPLE: Zirconium-97 (10 uCi multiplied by 37 is equivalent to 370 kBq).

(Source: Amended at 15 Ill. Reg. 10632, effective July 15, 1991)

SECTION 330.APPENDIX C GROUPS OF MEDICAL USES OF RADIOACTIVE MATERIALS (Repealed)

~~Group I. Use of prepared radiopharmaceuticals for certain diagnostic studies involving measurements of uptake, dilution and excretion (does not include uses involving imaging and tumor localizations).~~

~~a) Chromium 51 as sodium chromate or labeled human serum albumin.~~

~~b) Cobalt 57 as labeled cyanocobalamin.~~

~~c) Cobalt 58 as labeled cyanocobalamin.~~

~~d) Cobalt 60 as labeled cyanocobalamin.~~

~~e) Iodine 123 as sodium iodide.~~

~~f) Iodine 125 as sodium iodide, iodinated human serum albumin, oleic acid, or sodium iothalamate.~~

~~g) Iodine 131 as sodium iodide, iodinated human serum albumin, labeled rose bengal, triolein, or sodium iodohippurate.~~

~~h) Iron 59 as citrate.~~

~~i) Potassium 42 as chloride.~~

~~j) Sodium 24 as chloride.~~

~~k) Technetium 99m as pertechnetate.~~

~~l) Any radioactive material in a radiopharmaceutical and for a diagnostic use involving measurements of uptake dilution, or excretion for which a "Notice of Claimed Investigational Exemption for a New Drug" (IND) has been accepted by the Food and Drug Administration (FDA) or a "New Drug Application" (NDA) has been approved by the Food and Drug Administration (FDA).~~

~~Group II. Use of prepared radiopharmaceuticals for diagnostic studies involving imaging and tumor localizations.~~

~~a) Chromium 51 as human serum albumin.~~

~~b) Fluorine 18 in solution.~~

~~c) Gallium 67 as citrate.~~

d) Gold 198 in colloidal form.

e) Indium 111 as diethylenetriaminepentaacetic acid (DPTA)

f) Indium 113m as chloride.

g) Iodine 123 as sodium iodide.

h) Iodine 125 as sodium iodide or fibrinogen.

i) Iodine 131 as sodium iodide, iodinated human serum albumin, macroaggregated iodinated human serum albumin, colloidal (microaggregated) iodinated human serum albumin, rose bengal, or sodium iodohippurate.

j) Mercury 197 as chlormerodrin.

k) Mercury 203 as chlormerodrin.

l) Selenium 75 as selenomethionine.

m) Strontium 85 as nitrate.

n) Strontium 87m as chloride.

o) Technetium 99m as pertechnetate, sulfur colloid, or macroaggregated human serum albumin.

p) Thallium 201 as chloride.

q) Ytterbium 169 as pentatate sodium.

r) Any radioactive material in a radiopharmaceutical prepared from a reagent kit listed in (c) of Group III.

s) Any radioactive material in a radiopharmaceutical and for a diagnostic use involving imaging except those in gaseous forms for which a "Notice of Claimed Investigational Exemption for a New Drug" (IND) has been accepted by the Food and Drug Administration (FDA) or a "New Drug Application" (NDA) has been approved by the Food and Drug Administration (FDA).

Group III. Use of generators and reagent kits for the preparation and use of radiopharmaceuticals containing radioactive material for certain diagnostic uses.

a) Molybdenum 99/technetium 99m generators for the elution of technetium 99 as pertechnetate.

b) Technetium 99m as pertechnetate for use with reagent kits for preparation and use of radiopharmaceuticals containing technetium 99m as provided in (c) and (f) of this group.

c) Reagent kits for preparation of technetium 99m labeled:

1) sulfur colloid;

2) pentatate sodium;

3) human serum albumin microspheres;

4) polyphosphates;

5) macroaggregated human serum albumin;

6) etidronate sodium;

7) stannous pyrophosphate;

8) human serum albumin;

9) medronate sodium;

10) gluceptate sodium;

11) oxidronate sodium;

12) disofenin;

13) succimer; and

14) albumin colloid.

d) Tin 113/indium 113m generators for the elution of indium 113m as chloride.

e) Yttrium 87/strontium 87m generators for the elution of strontium 87m.

f) Any generator or reagent kit for preparation and diagnostic use of a radiopharmaceutical containing radioactive material for which generator or reagent kit a "Notice of Claimed Investigational Exemption for a New Drug" (IND) has been accepted by the Food and Drug Administration (FDA

~~Group IV. Use of prepared radiopharmaceuticals for certain therapeutic uses that do not normally require hospitalization for purposes of radiation safety.~~

~~a) Iodine 131 as iodide for treatment of hyperthyroidism and cardiac dysfunction.~~

~~b) Phosphorus 32 as soluble phosphate for treatment of polycythemia vera, leukemia, and bone metastases.~~

~~c) Phosphorus 32 as colloidal chromic phosphate for intracavitary treatment of malignant effusions.~~

~~d) Any radioactive material in a radiopharmaceutical and for a therapeutic use not normally requiring hospitalization for purposes of radiation safety for which a "Notice of Claimed Investigational Exemption for a New Drug" (IND) has been accepted by the Food and Drug Administration (FDA) or a "New Drug Application" (NDA) has been approved by the Food and Drug Administration (FDA).~~

~~Group V. Use of prepared radiopharmaceuticals for certain therapeutic uses that normally require hospitalization for purposes of radiation safety.~~

~~a) Gold 198 as colloid for intracavitary treatment of malignant effusions.~~

~~b) Iodine 131 as iodide for treatment of thyroid carcinoma.~~

~~c) Any radioactive material in a radiopharmaceutical and for a therapeutic use normally requiring hospitalization for radiation safety reasons for which a "Notice of Claimed Investigational Exemption for a New Drug" (IND) has been accepted by the Food and Drug Administration (FDA) or a "New Drug Application" (NDA) has been approved by the Food and Drug Administration (FDA).~~

~~Group VI. Use of sources and devices containing radioactive material for certain medical uses.~~

~~a) Americium 241 as a sealed source in a device for bone mineral analysis.~~

~~b) Cesium 137 encased in needles and applicator cells for topical, interstitial, and intracavitary treatment of cancer.~~

~~c) Cobalt 60 encased in needles and applicator cells for topical, interstitial, and intracavitary treatment of cancer.~~

~~d) Gold 198 as seeds for interstitial treatment of cancer.~~

~~e) Iodine 125 as a sealed source in a device for bone mineral analysis.~~

~~f) Iodine 125 as a sealed source in a portable device for bone imaging and foreign body detection.~~

~~g) Iodine 125 as seeds for interstitial treatment of cancer.~~

~~h) Iridium 192 as seeds encased in nylon ribbon for interstitial treatment of cancer.~~

~~i) Radon 222 as seeds for topical, interstitial, and intracavitary treatment of cancer.~~

~~j) Radium 226 as a sealed source for topical, interstitial, and intracavitary treatment of cancer.~~

~~k) Strontium 90 sealed in an applicator for treatment of superficial eye conditions.~~

(Source: Repealed at 15 Ill. Reg. 10632, effective July 15, 1991)

SAVE $3,999,994

Did you know we sell paperback books too?

To buy our entire catalog in paperback would cost over $4,000,000

Access it all now for $8.99/month

*Fair usage policy applies

Continue

RADIOACTIVE MATERIAL	COL. I CURIES	COL. II CURIES
Neodymium-147	10	0.1
Neodymium-149	10	0.1
Nickel-59	10	0.1
Nickel-63	1	0.01
Nickel-65	10	0.1
Niobium-93m	1	0.01
Niobium-95	1	0.01
Niobium-97	100	1.
Osmium-185	1	0.01
Osmium-191m	100	1.
Osmium-191	10	0.1
Osmium-193	10	0.1
Palladium-103	10	0.1
Palladium-109	10	0.1
Phosphorus-32	1	0.01
Platinum-191	10	0.1
Platinum-193m	100	1.
Platinum-193	10	0.1
Platinum-197m	100	1.
Platinum-197	10	0.1
Polonium-210	0.01	0.~~3301~~ 0001
Potassium-42	1	0.01
Praseodymium-142	10	0.1
Praseodymium-143	10	0.1
Promethium-147	1	0.01
Promethium-149	10	0.1
Radium-226	0.01	0.~~3301~~ 0001
Rhenium-186	10	0.1
Rhenium-188	10	0.1
Rhodium-103m	~~1,330~~ 1,000	10.
Rhodium-105	10	0.1
Rubidium-86	1	0.01
Rubidium-87	1	0.01
Ruthenium-97	100	1.
Ruthenium-103	1	0.01
Ruthenium-105	10	0.1
Ruthenium-106	0.1	0.001
Samarium-151	1	0.01
Samarium-153	10	0.1
Scandium-46	1	0.01
Scandium-47	10	0.1

ILLINOIS REGISTER
DEPARTMENT OF NUCLEAR SAFETY
NOTICE OF ADOPTED AMENDMENTS

RADIOACTIVE MATERIAL	COL. I CURIES	COL. II CURIES
Scandium-48	1	0.01
Selenium-75	1	0.01
Silicon-31	10	0.1
Silver-105	1	0.01
Silver-110m	0.1	0.001
Silver-111	10	0.1
Sodium-22	0.1	0.001
Sodium-24	1	0.01
Strontium-85m	1,~~330~~ 000	10.
Strontium-85	1	0.01
Strontium-89	1	0.01
Strontium-90	0.01	0.~~3301~~ 0001
Strontium-91	10	0.1
Strontium-92	10	0.1
Sulfur-35	10	0.1
Tantalum-182	1	0.01
Technetium-96	10	0.1
Technetium-97m	10	0.1
Technetium-97	10	0.1
Technetium-99m	100	1.
Technetium-99	1	0.01
Tellurium-125m	1	0.01
Tellurium-127m	1	0.01
Tellurium-127	10	0.1
Tellurium-129m	1	0.01
Tellurium-129	100	1.
Tellurium-131m	10	0.1
Tellurium-132	1	0.01
Terbium-160	1	0.01
Thallium-200	10	0.1
Thallium-201	10	0.1
Thallium-202	10	0.1
Thallium-204	1	0.01
Thulium-170	1	0.01
Thulium-171	1	0.01
Tin-113	1	0.01
Tin-125	1	0.01
Tungsten-181	1	0.01
Tungsten-185	1	0.01
Tungsten-187	10	0.1
Vanadium-48	1	0.01

RADIOACTIVE MATERIAL	COL. I CURIES	COL. II CURIES
Xenon-131m	1,~~330~~ 000	10.
Xenon-133	100	1.
Xenon-135	100	1.
Ytterbium-175	10	0.1
Yttrium-90	1	0.01
Yttrium-91	1	0.01
Yttrium-92	10	0.1
Yttrium-93	1	0.01
Zinc-65	1	0.01
Zinc-69m	10	0.1
Zinc-69	100	1.
Zirconium-93	1	0.01
Zirconium-95	1	0.01
Zirconium-97	1	0.01
Any radioactive material other than source material, special nuclear material, or alpha emitting radioactive material not listed above.	0.1	0.001

NOTE 1: To convert curies (Ci) to SI units of gigabecquerels (GBq), multiply the above values by 37.

EXAMPLE: Zirconium-97 (Col. II) (0.01 Ci multiplied by 37 is equivalent to 0.37 GBq)

(Source: Amended at 15 Ill. Reg. 10632, effective July 15, 1991)

Section 330.APPENDIX G FINANCIAL SURETY ARRANGEMENTS (SECTION 330.250 (c)(1)(D))

a) Surety Bond - If an applicant or licensee elects to satisfy the requirements of Section 330.250(c)(1) by filing a surety bond, that bond shall conform to the following requirements:

1) The surety company issuing the bond must, at a minimum, be among those listed as acceptable sureties or reinsurers on federal bonds in Circular 570 of the U.S. Department of Treasury, entitled "Surety Companies Acceptable On Federal Bonds", 52 Fed. Reg. 24601, revised as of July 1, 1987. A copy of this document is available for inspection at the Department of Nuclear Safety;

2) The wording of the surety bond must contain the provisions specified in subsection (1) of Appendix H of this Part. Additional conditions may be agreed to between the applicant or licensee and the surety company so long as no requirement of this Part nor other required provision is avoided or altered;

3) The surety bond guarantees that:

A) Funds will be available to perform reclaiming in accordance with 32 Ill. Adm. Code 340.Appendix C to assure health and safety from radiation hazards and other requirements of the license for the facility whenever required by the Department;

B) Surety waives notification of amendments to licenses, applicable laws, statutes, rules and regulations and agrees that no such amendment shall in any way alleviate its obligation on the bond; and

C) The licensee will provide alternate financial surety as specified in Section 330.250(c)(1) and obtain the Division Chief's written approval of the assurance provided within ninety (90) days of receipt by both the licensee and the Division Chief of a notice of cancellation of the bond from the surety;

4) Under the terms of the bond the surety shall become liable on the bond obligation when the licensee fails to perform as guaranteed by the bond. Following a determination by the Division Chief that the licensee has failed to so perform,

under the terms of the bond the surety shall perform reclaiming to the satisfaction of the State as guaranteed by the bond or shall forfeit the amount of the penal sum, as provided in Section 330.250(c)(1)(C);

5) The penal sum of the bond shall be in an amount at least adequate to provide the necessary financial surety;

6) Under the terms of the bond, the surety may cancel the bond by sending notice of cancellation by certified mail return receipt requested to the licensee and to the Division Chief. Cancellation shall not occur, however, during the 180 days beginning on the date of receipt of the notice of cancellation by both the licensee and the Division Chief, as evidenced by the return receipts;

7) The surety shall not be liable for the deficiency in the performance of reclaiming after the Division Chief has determined satisfactory reclaiming has occurred;

8) Licensee may terminate the bond by sending written notice to the surety, provided, however, that no such notice shall become effective until the surety receives written authorization from the Division Chief for the termination of the bond.

b) Personal Bond Supported by a Letter of Credit. If an applicant or licensee elects to satisfy the surety requirements of Section 330.250(c)(1) by filing his personal performance guarantee accompanied by collateral in the form of an irrevocable standby letter of credit, he must guarantee funds to perform reclaiming in accordance with 32 Ill. Adm. Code 340.Appendix C for protection of health and safety and other requirements of the license for the facility. In addition, the irrevocable standby letter of credit supporting this guarantee must conform to the following requirements:

1) The institution issuing the letter of credit must be an entity which has the authority to issue letters of credit and whose letter of credit operations are regulated and examined by a Federal or Illinois agency;

2) The wording of the letter of credit must contain the provisions specified in subsection (a)(2) of Appendix H of this Part. Additional conditions may be agreed to between the applicant or licensee and the issuing institution so long as

no requirement of this Part nor required provision is avoided or altered;

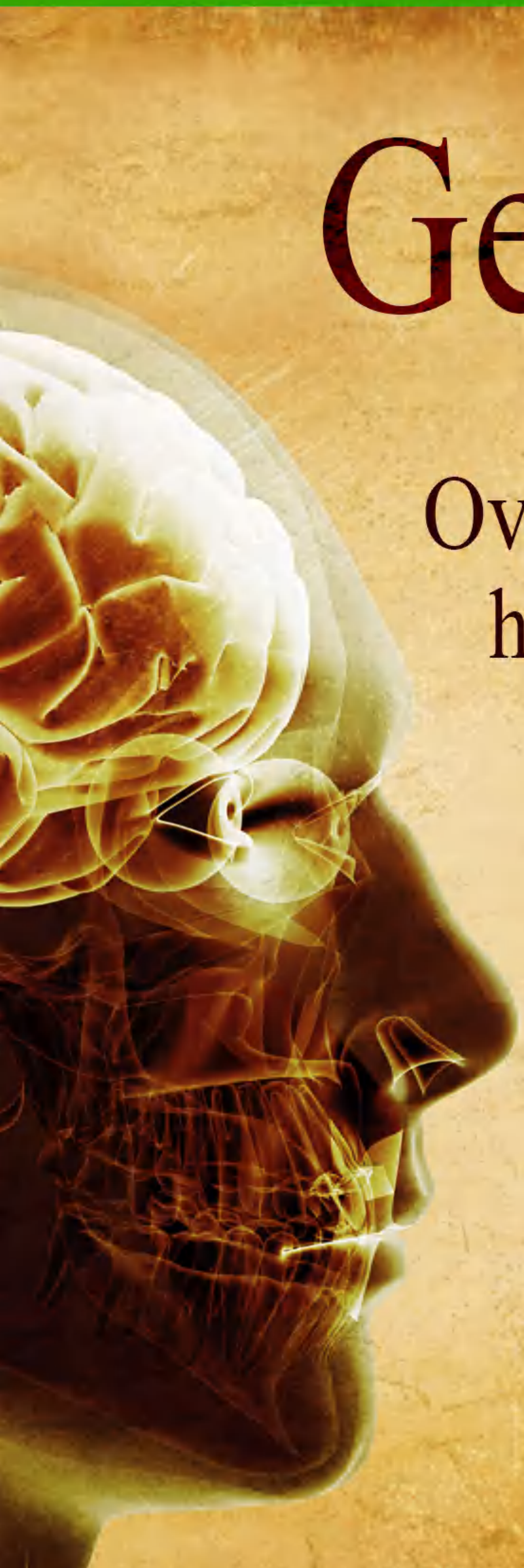
3) The letter of credit must be accompanied by a letter from the licensee referring to the letter of credit by number, issuing institution and date and providing the following information: the radioactive material license number(s), name(s) and address(es) of the facility(ies) and the amount of funds for each license assured for reclaiming of the facility(ies) by the letter of credit;

4) The letter of credit must be irrevocable and issued for a period of at least one year. The letter of credit shall provide that the expiration date shall be automatically extended for a period of at least one year unless, at least 180 days before the current expiration date, the issuing institution notifies both the licensee and the Division Chief by certified mail of a decision not to extend the expiration date. Under the terms of a letter of credit, the 180 days will begin on the date when both the licensee and the Division Chief have received the notice, as evidenced by the return receipts;

5) The letter of credit must be issued in an amount at least adequate to provide the necessary financial surety; and

6) The Director may draw on the letter of credit upon forfeiture as provided in Section 330.250(c)(1)(C). The Director shall also draw on the letter of credit if the licensee does not establish alternate financial surety as specified in this Part and obtain written approval of such alternate assurance from the Division Chief within ninety (90) days after receipt by both the licensee and the Division Chief of a notice from the issuing institution that it has decided not to extend the letter of credit beyond the current expiration date. The Division Chief shall delay the drawing if the issuing institution grants an extension of the term of the credit. During the last thirty (30) days of any extension, the Director will draw on the letter of credit if the licensee has failed to provide alternate financial surety as specified in subsection 330.250(c)(1) and obtain written approval of such surety from the Division Chief.

c) Personal Bond Supported by Insurance. If an applicant or licensee elects to satisfy the surety requirements of Section 330.250(c)(1) by filing his personal performance guarantee accompanied by collateral in the form of an insurance policy, he must guarantee funds



Get Smart

Over 2,000 years of human knowledge in 797,885 volumes

Instant access $8.99/month

Continue

*Fair usage policy applies

license(s) for the facility(ies). In addition, the securities supporting this guarantee must be fully registered as to principal and interest in such manner as to identify the State and the Department as holder of such collateral and also identifying that person filing such collateral. The securities shall be accompanied by a certificate whose wording contains the provisions specified in subsection (4) of Appendix H, identifying the State and the Department as holder of such collateral and to also identify that person filing such collateral. These securities must have a current market value at least adequate to provide the necessary financial surety and must be included among the following types:

1) Negotiable United States Treasury securities assigned irrevocably to the State; or

2) Negotiable general obligation municipal or corporate bonds which have at least an "A" rating by Moody's and/or Standard and Poor's rating services and which are assigned irrevocably to the State.

e) Personal Bond Supported by Certificate of Deposit. If an applicant or licensee elects to satisfy the surety requirements of Section 330.250(c)(1) by filing his personal performance guarantee accompanied by a Certificate of Deposit in an amount at least adequate to provide necessary financial surety, the irrevocable certificate of deposit supporting this guarantee must conform to the following requirements:

1) The institution issuing the certificate of deposit must be an entity which has the authority to issue certificates of deposit and whose certificate of deposit operations are regulated and examined by a Federal or State agency;

2) The certificate of deposit must be accompanied by a letter from the licensee referring to the certificate of deposit by number, issuing institution and date and providing the following information:

A) The radioactive material license number(s), name(s) and address(es) of the facility(ies) and the amount of funds assured for reclaiming of the facility(ies) by the certificate of deposit. Such certificate of deposit must also include a statement signed by an officer of the issuing financial institution which waives all rights of lien which the institution has or might have against the certificate;

B) This letter must contain the applicable provisions specified in subsection (5) of Appendix H of this Part. Additional provisions may be agreed to between the applicant or licensee and the issuing institution so long as no requirement of this Part or required provision is avoided or altered;

3) The certificate of deposit must be assigned irrevocably to the State and issued for a period of at least one year. The certificate of deposit must provide that the expiration date will be automatically extended for a period of at least one year unless, at least 180 days before the current expiration date, the issuing institution notifies both the licensee and the Division Chief by certified mail of a decision not to extend the expiration date. Under the terms of the certificate of deposit, the 180 days will begin on the date when both the licensee and the Division Chief have received the notice, as evidenced by the return receipts; and

4) The Director may draw on the certificate of deposit upon forfeiture as provided in Section 330.250(c)(1)(C). The Director will also draw on the certificate of deposit if the licensee does not establish alternate financial surety as specified in this Part and obtain written approval of such alternate assurance from the Division Chief within ninety (90) days after receipt by both the licensee and the Division Chief of a notice from the issuing institution that it has decided not to extend the certificate of deposit beyond the current expiration date. The Director may delay the drawing if the issuing institution grants an extension of the term of the certificate of deposit. During the last thirty (30) days of any such extension, the Director will draw on the certificate of deposit if the licensee has failed to provide alternate financial surety as specified in this Part and obtain written approval of such surety from the Division Chief.

(Source: Added at 15 Ill. Reg. 10632, effective July 15, 1991)

SECTION 330.APPENDIX H - WORDING OF FINANCIAL SURETY ARRANGEMENTS (SECTION 330.250(c)(1)(E))

1) A surety bond guaranteeing funds for reclaiming as specified in subsection (a) of Appendix G of this Part must contain the following provisions except that the instructions in parentheses are to be replaced with the relevant information and the parentheses deleted:

SURETY BOND

Date bond executed: _____

Effective date: _____

Principal: (legal name and business address of applicant or licensee)

Type of organization: (insert "individual," "joint venture," "partnership" or "corporation")

State of incorporation: _____
Surety(ies): (Name(s) and business address(es))

License Number(s), name, address and reclaiming cost for each facility guaranteed by this bond: _____

Total penal sum of bond: $_____

Surety's bond number: _____

KNOW ALL PERSONS BY THESE PRESENTS, That we, the Principal and Surety(ies) hereto are firmly bound to the Illinois Department of Nuclear Safety, 1035 Outer Park Drive, Springfield, Illinois 62704, (hereinafter called Department), in the above penal sum for the payment of which we bind ourselves, our heirs, executors, administrators, successors and assigns jointly and severally; provided that, where the Surety(ies) are corporations acting as co-sureties, we, the Sureties, bind ourselves in such sum "jointly and severally" only for the purpose of allowing a joint action or actions against any or all of us, and for all other purposes each Surety binds itself, jointly and severally with the Principal, for the payment of such sum only as is set forth opposite the name of such Surety, but if no limit of liability is indicated, the limit of liability shall be the full amount of the penal sum.

WHEREAS said Principal is required, under the Radiation Protection Act, as amended, to have a license in order to receive, possess, store and use radioactive material at the facility identified above, and

WHEREAS said Principal is required to provide financial assurance for reclaiming as a condition of the license;

NOW, THEREFORE, the conditions of this obligation are such that if the Principal shall faithfully perform reclaiming, whenever required to do so, of each facility for which this bond guarantees funds for reclaiming, to the satisfaction of the Director, Illinois Department of Nuclear Safety, in accordance with acceptable practices for protection of health and safety pursuant to all applicable laws, statutes, rules and regulations, as such laws, statutes, rules and regulations may be amended.

OR, if the Principal shall provide alternate financial assurance as specified in Section 330.250(c)(1)(H), and obtain the written approval of such assurance from the Chief, Division of Radioactive Materials (hereinafter called the Division Chief), within ninety (90) days after the date notice of cancellation is received by both the Principal and the Division Chief from the Surety(ies), then this obligation shall be null and void; otherwise, it is to remain in full force and effect.

The Surety(ies) shall become liable on this bond obligation only when the Principal has failed to fulfill the conditions described above.

Upon notification by the Division Chief that the Principal has been found in violation of the reclaiming requirements of the Department, for a facility for which this bond guarantees funds for performance of reclaiming, the Surety(ies) shall forfeit the reclaiming cost amount guaranteed for the facility to the Department as directed by the Director.

Upon notification by the Division Chief that the Principal has failed to provide alternate financial assurance as specified in Section 330.250(c)(1)(H), and obtain written approval of such assurance from the Division Chief during the thirty (30) days following receipt by both the Principal and the Director of a notice of cancellation of the bond, the Surety(ies) shall forfeit funds in the amount guaranteed for the facility(ies) to the Department as directed by the Director.

The Surety(ies) hereby waive(s) notification of amendments to licenses, applicable laws, statutes, rules and regulations and agree(s) that no such amendment shall in any way alleviate its (their) obligation on this bond.

The liability of the Surety(ies) shall not be discharged by any payment or succession of payments hereunder, unless and until such payment or payments shall amount in the aggregate to the penal sum of the bond, but in no event shall the obligation of the Surety(ies) hereunder exceed the amount of said penal sum.

The Surety(ies) may cancel the bond by sending notice of cancellation by certified mail to the applicant or licensee and to the Division Chief; provided, however, that cancellation shall not occur during the 180 days beginning on the date of receipt of the notice of cancellation by both the Principal and the Division Chief, as evidenced by the return receipts.

The Principal may terminate this bond by sending written notice to the Surety(ies); provided, however, that no such notice shall become effective until the Surety(ies) receive(s) written authorization for termination of the bond by the Division Chief.

IN WITNESS WHEREOF, the Principal and Surety(ies) have executed this SURETY BOND and have affixed their seals on the date set forth above.

The persons whose signatures appear below hereby certify that they are authorized to execute this surety bond on behalf of the Principal and Surety(ies).

PRINCIPAL

(Signature(s))
(Name(s))
(Title(s))
Corporate seal:

CORPORATE SURETY(IES)

(Name and address)
State of incorporation: _____
Liability limit: $_____

(Signature(s))
(Name(s))
(Title(s))
Corporate seal:

(For every co-surety, provide signature(s), corporate seal and other information in the same manner as for the Surety above.)

Bond premium: $_____

2) A letter of credit, as specified in subsection (b) of Appendix G of this Part, must contain the following provisions except that instructions in parentheses are to be replaced with the relevant information and the parentheses deleted:

IRREVOCABLE STANDBY LETTER OF CREDIT

Chief Date: _____
Division of Radioactive Materials
Illinois Department of Nuclear Safety

Dear Sir or Madam:

We hereby establish our Irrevocable Standby Letter of Credit No. ____ in your favor, at the request and for the account of (applicant's or licensee's name and address) up to the aggregate amount of (in words) U.S. dollars $_____, available upon presentation of:

A) your sight draft, bearing reference to this letter of credit No. ____, and

B) your signed statement reading as follows: "I certify that the amount of the draft is payable pursuant to regulations issued under authority of the Illinois Radiation Protection Act, as amended."

This letter of credit is effective as of (date) and shall expire on (date at least 1 year later), but such expiration date shall be automatically extended for a period of (at least 1 year) on (date) and on each successive expiration date, unless, at least 180 days before the current expiration date, we notify both you and (applicant's or licensee's name) by certified mail that we have decided not to extend this letter of credit beyond the current expiration date. In the event you are so notified, any unused portion of the credit shall be

SAVE $3,999,994

Did you know we sell paperback books too?

To buy our entire catalog in paperback would cost over $4,000,000

Access it all now for $8.99/month

*Fair usage policy applies

Continue

DEPARTMENT OF NUCLEAR SAFETY

NOTICE OF ADOPTED AMENDMENTS

(Licensee name and address) has deposited not subject to check ( ) Dollars ($) payable to the order of Illinois Department of Nuclear Safety, Chief, Division of Radioactive Materials, ( ) days after notice in writing of intended withdrawal shall have been given to the bank and upon surrender of this certificate properly endorsed, with interest as herein provided.

This certificate shall be automatically renewed at maturity for successive periods of 1 year each. The bank reserves the right not to renew this certificate at the expiration of any 1 year's period upon mailing to the payee, at least 180 days prior to the expiration date, a notice of its election not to renew the certificate.

(Cashier)

Dated , 19 .

(Licensee or Applicant)

Signature Guaranteed
By:
(Title)

ASSIGNMENT OF CORPORATE OR MUNICIPAL BOND

Pursuant to 32 Ill. Adm. Code 330.250(c), (licensee or applicant's name) hereby transfers to Illinois Department of Nuclear Safety bonds of the (Corporation or Municipality's name) for ( ) Dollars ($), No. ( ) herewith standing in the name of the undersigned on the books of said (Corporation or Municipality) and does hereby agree that such bonds shall be used for purposes of ensuring reclaiming of (name of facility) site.

Dated , 19 .

(Licensee or Applicant)

Signature Guaranteed

By:
(Title)

(Source: Added at 15 Ill. Reg. 10632, effective July 15, 1991)

DEPARTMENT OF NUCLEAR SAFETY

NOTICE OF ADOPTED AMENDMENTS

DEPARTMENT OF NUCLEAR SAFETY

NOTICE OF ADOPTED RULES

1) Heading of the Part: USE OF RADIONUCLIDES IN THE HEALING ARTS

2) Code Citation: 32 Ill. Adm. Code 335

3)

Section Number:	Adopted Action:
335.10	New Section
335.20	New Section
335.30	New Section
335.40	New Section
335.1010	New Section
335.1020	New Section
335.1030	New Section
335.1040	New Section
335.1050	New Section
335.1060	New Section
335.1070	New Section
335.1080	New Section
335.1090	New Section
335.2010	New Section
335.2020	New Section
335.2030	New Section
335.2040	New Section
335.2050	New Section
335.2060	New Section
335.2070	New Section
335.2080	New Section
335.2090	New Section
335.2100	New Section
335.2110	New Section
335.2120	New Section
335.2130	New Section
335.3010	New Section
335.4010	New Section
335.4020	New Section
335.4030	New Section
335.5010	New Section
335.5020	New Section
335.5030	New Section
335.6010	New Section
335.7010	New Section
335.7020	New Section
335.7030	New Section
335.7040	New Section
335.7050	New Section
335.8010	New Section
335.8020	New Section
335.8030	New Section
335.8040	New Section
335.8050	New Section
335.8060	New Section
335.8070	New Section
335.8080	New Section
335.8090	New Section
335.8100	New Section
335.8110	New Section
335.8120	New Section
335.8130	New Section
335.8140	New Section
335.8150	New Section
335.9010	New Section
335.9020	New Section
335.9030	New Section
335.9040	New Section
335.9050	New Section
335.9060	New Section
335.9070	New Section
335.9080	New Section
335.9090	New Section
335.9100	New Section
335.9120	New Section
335.9130	New Section
335.9140	New Section
335.9150	New Section
335.9160	New Section
335.9170	New Section
335.9180	New Section
335.9190	New Section

4) Statutory Authority: Implementing and authorized by the Radiation Protection Act of 1990 (Ill. Rev. Stat. 1990 Supp., ch. 111 1/2, par. 210-1 et seq.).

5) Effective Date of Rules: July 15, 1991

6) Does this rulemaking contain an automatic repeal date? No

7) Does this rule contain incorporations by reference? Yes, this rule contains material incorporated pursuant to Section 6.02(a) of the Illinois Administrative Procedure Act. That section of the IAPA does not require the Joint Committee on Administrative Rules to issue forms of approval for such incorporations by reference.

8) Date Filed in Agency's Principal Office: July 5, 1991

DEPARTMENT OF NUCLEAR SAFETY

NOTICE OF ADOPTED RULES

DEPARTMENT OF NUCLEAR SAFETY

NOTICE OF ADOPTED RULES

9) Notice of Proposal Published in Illinois Register:

July 20, 1990, 14 Ill. Reg. 11585

10) Has JCAR issued a Statement of Objections to this rule? No

11) Difference(s) between proposal and final version:

a) In the Table of Contents, Section 335.1080, the section title has been changed to "Notifications, Reports, and Records of Reportable Events"; Section 335.9090, the phrase "Phosphate-32" has been changed to "Phosphorus-32 Labeled Phosphate Compound" in the section title; and a new Section "335.9190 Resolution of Conflicting Requirements During Transition Period" has been added.

h) In the Authority Note, the correct title of the Radiation Protection Act of 1990 and statutory citation have been added.

c) In Section 335.20, the definitions have been placed in alphabetical order. Definitions for the following terms have been added: "Calculated weekly administered dose"; "Diagnostic clinical procedures manual"; "Prescribed dosage"; "Prescribed dose"; "Recordable event"; "Reportable event"; "Weekly prescribed dose"; "Written directive". The definitions for "Diagnostic Event"; "Diagnostic Misadministration" and "Therapy Misadministration" have been deleted. The following definitions have been modified:

"As low as is Reasonably Achievable" has been changed to "As low as is reasonably achievable or 'ALARA'".

"Classroom and laboratory training", line 3, the phrase "that has teaching as a primary responsibility" has been deleted.

"Dedicated check source", line I, the word "half-life" has been hyphenated.

"Licensed practioner of the healing arts" has been changed to "Licensed practitioner of the healing arts" and the statutory citations have been added.

"Medical institution", line 2, "an" has been changed to "a".

"Supervised clinical experience", line 2, the phrase "It is required to" has been changed to the phrase "Supervised clinical experiences"; on line 4, the phrase "needed to

DEPARTMENT OF NUCLEAR SAFETY

NOTICE OF ADOPTED RULES

provide assurance" has been changed to the phrase "necessary to assure"; and on line 4, immediately after the word "that" the word "the" has been deleted and an "s" has been added to the word "procedure".

"Visiting authorized user", line 2, the word "consecutive" has been deleted.

d) In Section 335.30(b), line 3, the phrase "the regulations in" has been deleted.

e) In Section 335.40, line 2, the section number "330.260" has been deleted.

f) In Section 335.40(c), line 2, the phrase "Radiation Safety Officer or" has been deleted; on line 5, the phrase "is listed by name as a teletherapy physicist on a Department, Agreement State or U.S. Nuclear Regulatory Commission license, and" has been inserted immediately after the word "who"; and on line 8, the phrase "335.9010 or" has been deleted.

g) In Section 335.40(g), line I, the phrase "a Radiation Safety Officer or teletherapy physicist permanently discontinues performance of duties under the license, or after" has been inserted immediately after the word "after".

h) In Section 335.1010(a), line 4, the following sentence and subsections have been added:

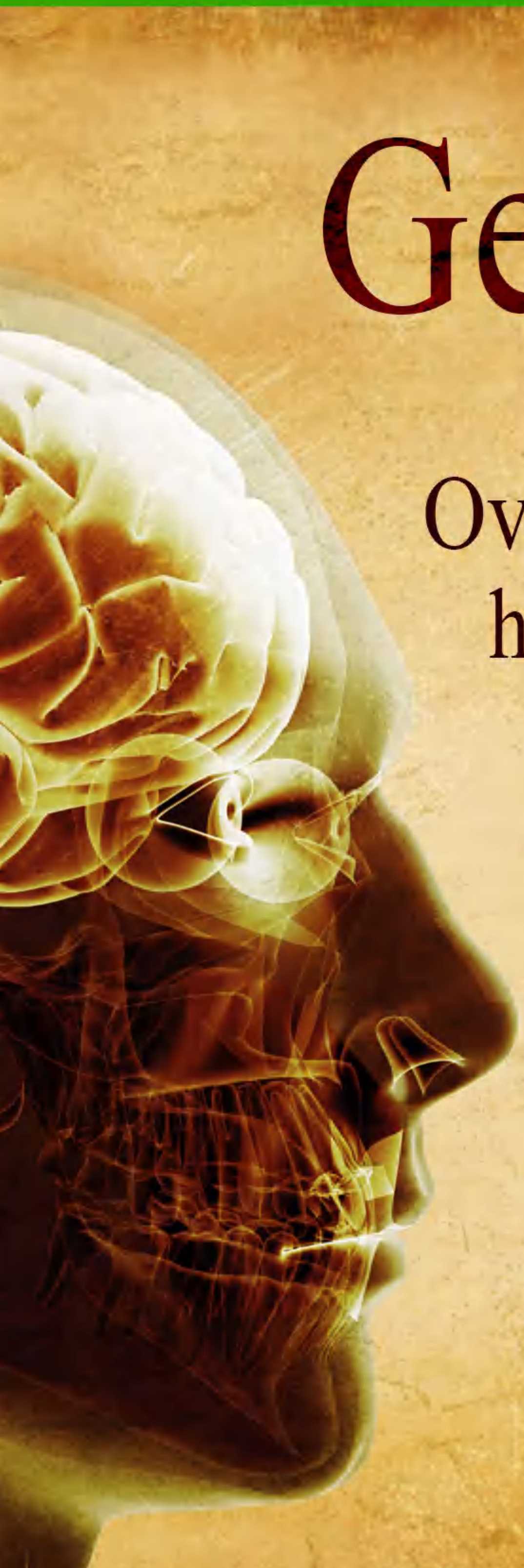
"The licensee shall retain a current written description of the ALARA program for the duration of the license. The written description shall include:

I) A commitment by management to keep occupational doses and releases of radioactive material in effluents as low as is reasonably achievable;

2) A requirement that the Radiation Safety Officer brief management at least once each year on the radiation safety program;

3) Personnel dose investigational levels that, when exceeded, will initiate an investigation by the Radiation Safety Officer of the cause of the dose; and

4) Personnel dose investigational levels that, when exceeded, will within 24 hours initiate an



Get Smart

Over 2,000 years of human knowledge in 797,885 volumes

Instant access $8.99/month

Continue

*Fair usage policy applies

3) The licensee shall notify the patient of the reportable event within 15 days after the licensee ascertains and confirms that a reportable event has occurred, unless the referring physician agrees to inform the patient or helieves, based on medical judgment, that telling the patient would be harmful. If the referring physician or patient cannot be reached within IS days, the licensee shall notify them as soon as practicahle. The licensee is not required to notify the patient without first consulting the referring physician; however, the licensee shall not delay any appropriate medical care for the patient because of any delay in notification.

4) If the patient was notified, the licensee shall also furnish a written report to the patient within 15 days after the licensee ascertains and confirms that a reportable event has occurred. The report to the patient shall be either a copy of the report that was submitted to the Department or a brief description of both the event and the consequences, as they may affect the patient, provided that a statement is included that the report submitted to the Department can be obtained from the licensee."

y) In Section 335.1080, subsection (h) has been rewritten as follows:

"b) Each licensee shall retain a record of each reportable event for five years. The record must contain the names of all individuals involved in the reportable event (including the prescribing physician, allied health personnel, the patient, and the patient's referring physician), the patient's social security number or identification number if one has been assigned, a brief description of the reportable event, why the reportable event occurred, the effect on the patient, what improvements are needed to prevent recurrence, and the actions taken to prevent recurrence."

z) In Section 335.1080, subsection (c) has been rewritten as follows:

"c) Aside from the notification requirement, nothing in this Section affects any rights or duties of licensees

and physicians in relation to each other, patients, or the patient's responsible relatives or guardians."

aa) In Section 335.1080, subsections (d), (e) and (f) have been deleted.

bb) In Section 335.1090, the lead in paragraph, the word "may" has been changed to the word "shall".

cc) In Section 335.2010(a), the last two sentences have been deleted.

dd) In Section 335.2010(b)(1), line 3, the word "must" has been changed to the word "shall"; and on line 5, the phrase "microcuries (uCi)" has been changed to "uCi"; and on line 7, a period has been inserted immediately after the word "days" and the following has been added: "The licensee shall also record the results of these checks. The records shall include the model and serial number of the dose calibrator, the identity of the radionuclide contained in the check source, the date of the check, the activity measured, the instrument settings and the initials or signature of the individual who performed the check".

ee) In Section 335.2010(b)(2), line 2, the comma after the word "months" has been changed to a period and the following has been added: "The licensee shall maintain records of these tests which shall include the model, serial number, radionuclide, assay activity and assay date of each source used, the manufacturer, model and serial number of the dose calibrator, the date and results of the accuracy test and the signatures of the Radiation Safety Officer and the individual who performed the test. These tests shall be performed".

ff) In Section 335.2010(b)(3), line 3, the phrase "between 10 uCi (370 kBq and" has been changed to the phrase "from the lowest to"; and on line 4, a period has been inserted immediately after the word "administered" and the following sentences have been added: "The licensee shall also maintain records of these tests. These records shall include the model and serial number of the dose calibrator, the calculated activities, the measured activities, the date(s) and time of the test, the signature of the individual performing the test and the signature of the Radiation Safety Officer".

gg) In Section 335.2010(b)(4), the following sentences have been added to the end of this subsection: "The licensee shall also maintain records of these tests. These records shall include the model and serial number of the dose calibrator, the activity and

configuration of the source measured, the activity measured for each volume measured, the instrument setting for each volume measured, the date of the test, the signature of the individual performing the test and the signature of the Radiation Safety Officer."

hh) In Section 335.2010(d), line 3, the phrase ", such as replacement of electronic components, that will affect constancy, linearity, accuracy or geometry dependance" has been inserted immediately after the word "calibrator".

ii) In Section 335.2010(e), the second sentence and subsections (1), (2), (3) and (4) have been deleted.

jj) In Section 335.2020(b), line 8, an "s" has been added to the word "instrument".

kk) In Section 335.2020(c), line 2, a colon has been inserted immediately after the word "source" and the paragraph has been divided into subsections. In new subsection (1), line 1, the phrase "for diagnostic purposes or in" has been changed to the word "In". A new subsection (2) has been added, which reads as follows:

"2) For diagnostic purposes shall use either a portable radiation detection survey instrument capable of detecting dose rates over the range 0.1 mrem (1.0 uSv) per hour to 50 mrem (500 uSv) per hour or a portable radiation measurement survey instrument capable of measuring dose rates over the range 1 mrem (10 uSv) per hour to 1000 mrem (10 mSv) per hour. The instrument shall be operable and calibrated in accordance with the requirements of this Section."

ll) In Section 335.2020(e)(3), line 3, the phrase "or immediately upon receipt of a calibrated instrument" has been inserted immediately after the word "calibration".

mm) In Section 335.2020(f), line 1, the phrase "(1) and (2)" has been inserted immediately after "(e)".

nn) In Section 335.2020(f)(1), line 1, the word "only" has been deleted; and on line 3, the word "and" has been changed to the word "or".

oo) In Section 335.2020(f)(2), line 3, the word "if" has been changed to the word "and".

pp) In Section 335.2020(g), line I, the word "each" has been changed to the word "the"; on line 2, the phrase "to be used for required surveys" has been inserted immediately after the word "instrument"; on line 3, the phrase "radioactive material" has been changed to the word "instrument".

qq) In Section 335.2020(h)(2), line 2, "certified" has been deleted; and on line 3, "as provided in, or calculated from, information provided by the source supplier" has been inserted immediately after the word "source".

rr) In Section 335.2020(i), line 2, the subsection label has been changed from "h" to "g".

ss) In Section 335.2020, subsection (j) has been deleted.

tt) In Section 335.2030(c)(1), line 2, the phrase "or time" has been inserted immediately after the word "date".

uu) In Section 335.2040(a), line 12, the phrase "filed in the U.S. Department of Health and Human Services' "Radioactive Material Reference Manual" or the U.S. Nuclear Regulatory Commission's "Registry of Radioactive Sealed Sources and Devices," published as of January 1, 1989, exclusive of subsequent amendments or editions" has been changed to the phrase "issued by an Agreement State, a Licensing State, or the U.S. Nuclear Regulatory Commission".

vv) In Section 335.2040(c), line 1, the word "half-life" has been hyphenated.

ww) In Section 335.2050(a), line 5, the word "may" has been changed to the word "shall".

xx) In Section 335.2050(b)(2), line 6, the phrase "or at intervals approved by the Department, an Agreement State, a Licensing State, or the U.S. Nuclear Regulatory Commission" has been inserted immediately after the word "months".

yy) In Section 335.2050(g), line 1, the phrase ", except sealed sources in teletherapy machines," has been inserted immediately after the word "source"; and on line 6, the word "or" has been changed to the word "and".

zz) In Section 335.2050(h)(2), line 2, the word "must" has been changed to the word "shall".

aaa) In Section 335.2080, subsection (a) has been rewritten as follows:

"a) At the end of each day of use, the licensee shall survey, with a radiation detection survey instrument, all areas where liquid radiopharmaceuticals are prepared for use or administered. However, when diagnostic radiopharmaceuticals are administered to a hospitalized patient in the patient's room, the licensee need not survey the areas where the radiopharmaceuticals were administered."

bbb) In Section 335.2080(b), line 1, the word "lease" has been changed to the word "least".

ccc) In Section 335.2080(d), line 2, the word "routinely" has been deleted.

ddd) In Section 335.2080(f), line 2, the word "must" has been changed to the word "shall".

eee) In Section 335.2090, the subsection label "a" and the entire subsection "(b)" have been deleted; and the phrase "to patients who are not hospitalized for compliance with Section 335.2100 and" has been added after "instructions"; and the Agency Note has been reworded as follows: "Because the patient is a source of radiation exposure to other members of the public, it is necessary that the patient receive instruction in precautions to be followed in order to minimize radiation exposure to others.".

fff) In Section 335.2110(a), line 2, the phrase "or permanent implants" has been inserted immediately after the word "radiopharmaceuticals"; and the Agency Note has been reworded as follows: "Because the patient is a source of radiation exposure to other members of the public, it is necessary that the patient receive instruction in precautions to be followed in order to minimize radiation exposure to others.".

ggg) In Section 335.2120(d), the phrase ", (e)" has been deleted.

hhh) In Section 335.2120(f), line 2, the word "must" has been changed to the word "shall".

iii) In Section 335.2130(a), line 3, the period has been changed to the phrase ", or".

jjj) In Section 335.2130(b), the word "multidose" has been deleted.

kkk) In Section 335.4030(c), line 2, the phrase "or hallways" has been inserted immediately after the word "rooms".

lll) In Section 335.4030(f), line 1, the word "case" has been changed to the phrase "the event"; on line 2, the phrase "air concentrations have returned" has been changed to the phrase "radiation levels return".

mmm) In Section 335.4030(i), the phrase ", system tubing and masks" has been added immediately after the word "filters".

nnn) Section 335.5020 has been reworded as follows:

"a) Patients shall be instructed in radiation safety precautions relating to patient control, visitor control, contamination control, and waste control.

b) Persons who enter a patient's room shall be instructed in radiation safety precautions and procedures related to visitor control and contamination control.

c) Attendant hospital staff shall receive annual instruction in the licensee's procedures for:

1) Patient control;

2) Visitor control;

3) Contamination control;

4) Waste control; and

5) Notification of the Radiation Safety Officer or authorized user in case of the patient's death or medical emergency.

d) A licensee shall keep for 5 years a list of the attendant hospital staff receiving instruction required by subsection (c), a description of the instruction, the date of instruction and the name of the individual who gave the instruction."

SAVE $3,999,994

Did you know we sell paperback books too?

To buy our entire catalog in paperback would cost over $4,000,000

Access it all now for $8.99/month

*Fair usage policy applies

Continue

DEPARTMENT OF NUCLEAR SAFETY

NOTICE OF ADOPTED RULES

gggg) In Section 335.8080(a)(2), the third sentence has been deleted and the second sentence has been reworded as follows:

"The dosimetry system shall be considered calibrated if a comparison is performed at a meeting sanctioned by a calibration laboratory or radiologic physics center accredited by the AAPM and the results of the comparison indicate that the calibration factor of the licensee's system has not changed by more than 2 percent."

hhhh) In Section 335.8100(d), line 2, the word "written" has been inserted immediately after the word "with".

iiii) In Section 335.9030(b)(2), line 2, the word "must" has been changed to the word "shall".

jjjj) In Section 335.9090, in the section title and throughout the section, the phrase "Phosphate-32" has been changed to the phrase "Phosphorus-32 Laheled Phosphate Compound".

kkkk) In Section 335.9120(b)(2), line 2, the word "must" has been changed to the word "shall".

llll) In Section 33S.9180, line 2, the word "must" has been changed to the word "shall"; and on line 3, the word "must" has been changed to the word "shall" and the phrase "in the items listed in the applicable section" has been added. In addition, the following Agency Note has been added:

"AGENCY NOTE: Individuals specifically listed on an active Department, Agreement State, Licensing State, or U.S. Nuclear Regulatory Commission license as an authorized user, Radiation Safety Officer or teletherapy physicist are considered to have met the recentness in training requirements for only those procedures for which they were authorized."

mmmm) A new Section 335.9190, Resolution of Conflicting Requirements During Transition, has been added.

12) Have all the changes agreed upon by the agency and JCAR been made as indicated in the agreement letter issued by JCAR? Yes

13) Will this rule replace an emergency rule currently in effect? No

14) Are there any amendments pending on this Part? No

DEPARTMENT OF NUCLEAR SAFETY

NOTICE OF ADOPTED RULES

15) Summary and Purpose of Rules: The Department has consolidated into this Part, its requirements pertaining to the use of radionuclides in the healing arts and the issuance of licenses authorizing the medical use of radioactive material. This Part replaces the Department's rules entitled "Use of Sealed Radioactive Sources in the Healing Arts" (32 Ill. Adm. Code 370). This Part also includes certain requirements pertaining to medical use of radioactive material that previously were codified in 32 Ill. Adm. Code 330.

16) Information and questions regarding this adopted rule shall be directed to:

Betsy Salus
Senior Staff Attorney
Department of Nuclear Safety
1035 Outer Park Drive
Springfield, Illinois 62704
(217) 785-9881

The full text of the Adopted Rules begins on the next page:

DEPARTMENT OF NUCLEAR SAFETY

NOTICE OF ADOPTED RULES

TITLE 32: ENERGY
CHAPTER II: DEPARTMENT OF NUCLEAR SAFETY
SUBCHAPTER b: RADIATION PROTECTION

PART 335
USE OF RADIONUCLIDES IN THE HEALING ARTS

SUBPART A: General Information

Section
335.10 Purpose and Scope
335.20 Definitions
335.30 License Required
335.40 License Amendments

SUBPART B: General Administrative Requirements

Section
335.1010 ALARA Program
335.1020 Radiation Safety Officer
335.1030 Radiation Safety Committee
335.1040 Statement of Authorities and Responsibilities
335.1050 Supervision
335.1060 Authorized User and Visiting Authorized User
335.1070 Mobile Nuclear Medicine Service Administrative Requirements
335.1080 Notifications, Reports, and Records of Reportable Events
335.1090 Materials Authorized for Medical Use

SUBPART C: General Technical Requirements

Section
335.2010 Possession, Use, Calibration and Check of Dose Calibrators
335.2020 Possession, Calibration and Check of Survey Instruments
335.2030 Assay of Radiopharmaceutical Dosages
335.2040 Authorization for Calibration and Reference Sources
335.2050 Requirements for Possession of Sealed Sources
335.2060 Syringe Shields and Syringe Shield Labels
335.2070 Vial Shields and Vial Shield Labels
335.2080 Surveys for Contamination and Ambient Radiation Dose Rate
335.2090 Safety Instructions for Patients Not Hospitalized and Containing Therapeutic Doses of Radiopharmaceuticals or Permanent Implants
335.2100 Admission of Patients Being Treated with Radiopharmaceuticals or Permanent Implants
335.2110 Discharge of Patients Being Treated with Therapeutic Doses of Radiopharmaceuticals or Permanent Implants
335.2120 Mobile Nuclear Medicine Service Technical Requirements

DEPARTMENT OF NUCLEAR SAFETY

NOTICE OF ADOPTED RULES

Section
335.2130 Storage of Volatiles and Gases

SUBPART D: Uptake, Dilution and Excretion

Section
335.3010 Use of Radiopharmaceuticals for Uptake, Dilution, or Excretion Studies

SUBPART E: Imaging and Localization

Section
335.4010 Use of Radiopharmaceuticals, Generators and Reagent Kits for Imaging and Localization Studies
335.4020 Permissible Molybdenum-99 Concentration
335.4030 Control of Aerosols and Gases

SUBPART F: Radiopharmaceuticals for Therapy

Section
335.5010 Use of Radiopharmaceuticals for Therapy
335.5020 Safety Instruction
335.5030 Safety Precautions for Radiopharmaceutical Therapy

SUBPART G: Sealed Sources for Diagnosis

Section
335.6010 Use of Sealed Sources for Diagnosis

SUBPART H: Sealed Sources for Brachytherapy

Section
335.7010 Use of Sealed Sources for Brachytherapy
335.7020 Safety Instruction
335.7030 Safety Precautions
335.7040 Accountability of Brachytherapy Sources
335.7050 Discharge of Patients Treated With Temporary Implants

SUBPART I: Teletherapy

Section
335.8010 Use of a Sealed Source in a Teletherapy Unit
335.8020 Maintenance and Repair Restrictions
335.8030 Amendments to Teletherapy Licenses
335.8040 Safety Instructions for Teletherapy
335.8050 Doors, Interlocks and Safety Related Systems
335.8060 Radiation Monitoring Device for Teletherapy

AUTHORITY: Implementing and authorized by the Radiation Protection Act of 1990 (Ill. Rev. Stat. 1990 Supp., ch. 111½, pars. 210-1 et seq.).

SOURCE: Adopted at 15 Ill. Reg. 10763 effective July 15, 1991.

SUBPART A: General Information

Section 335.10 Purpose and Scope

This Part establishes requirements for the use of radionuclides in the healing arts and for issuance of licenses authorizing the medical use of this material.

These requirements provide for the protection of the public health and safety. The requirements of this Part are in addition to, and not in substitution for, others in 32 Ill. Adm. Code: Chapter II, Subchapter b. The requirements of 32 Ill. Adm. Code: Chapter II, Subchapter h apply to applicants and licensees subject to this Part unless specifically exempted.

Section 335.20 Definitions

"ALARA program" means a program designed to maintain effluents to unrestricted areas, occupational doses, and doses to the general public as low as is reasonably achievable.

"Area of use" means a portion of a physical structure that has been set aside for the purpose of receiving, using, or storing radioactive material.

"As low as is reasonably achievable or 'ALARA'" means as low as is reasonably achievable taking into account the state of technology, and the costs of improvements in relation to benefits to the public health and safety, and other societal and socioeconomic considerations, and in relation to the use of ionizing radiation in the public interest.

"Authorized user" means an individual who is identified as being authorized to use radioactive material on a Department of Nuclear Safety (Department), Agreement State, Licensing State, or U.S. Nuclear Regulatory Commission license.

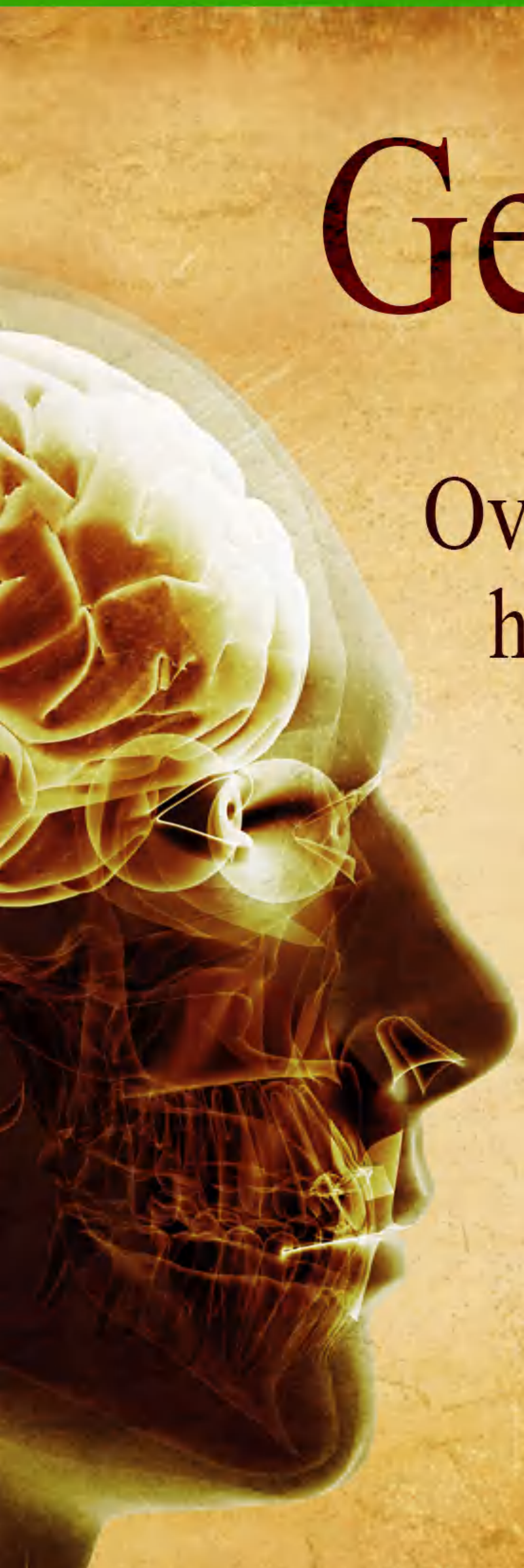
"Brachytherapy" means a method of radiation therapy in which sealed sources are used to deliver a radiation dose at a distance of less than 6 centimeters (cm), by surface, intracavitary, or interstitial application.

"Calculated weekly administered dose" means the portion of the calculated administered dose received by the patient in 7 consecutive days.

"Case" means the performance of a clinical procedure on a patient.

"Classroom and laboratory training" means planned instruction outlined in a syllabus and offered by an individual or organization. It is comprised of lectures, demonstrations, hands-on laboratory exercises and tests.

"Clinical procedure" means a method of using radioactive material for patient care in which the material or its radiation is administered to the patient. A specific clinical procedure



Get Smart

Over 2,000 years of human knowledge in 797,885 volumes

Instant access $8.99/month

Continue

*Fair usage policy applies

for brachytherapy, either the total dose or the total source strength and exposure time, as documented in the written directive.

"Recordable event" means the administration of:

radioactive material or radiation therefrom without a written directive hy a procedure listed in the definition of the term "written directive";

radioactive material or radiation therefrom pursuant to a written directive without daily recording the administered radiation dose or radiopharmaceutical dosage;

a therapeutic radiopharmaceutical dosage, other than I-125 or I-131 as sodium iodide, when the administered dosage differs from the prescribed dosage hy more than 10 percent of the prescribed dosage;

a radiopharmaceutical procedure involving greater than 30 uCi (I.I1 MBq) of I-125 or I-131 as sodium iodide, when both the administered dosage differs from the prescribed dosage by more than 10 percent of the prescribed dosage, and the difference between the administered dosage and prescribed dosage exceeds 15 uCi (555 kBq);

a teletherapy radiation dose when the calculated weekly administered dose is 15 percent greater then the weekly prescribed dose; or

a brachytherapy radiation dose when the calculated administered total dose differs from the prescribed dose hy more than 10 percent of the prescribed dose.

"Reportable event" means the administration of:

a therapeutic radiopharmaceutical dosage other than I-125 or I-131 as sodium iodide:

involving the wrong patient, wrong radiopharmaceutical, the wrong route of administration; or

when the administered dosage differs from the prescribed dosage hy more than 20 percent of the prescribed dosage;

a radiopharmaceutical dosage in quantities greater than 30 uCi (1.11 MBq) of I-125 or I-131 as sodium iodide:

involving the wrong patient, wrong radiopharmaceutical, the wrong route of administration; or

when both the total administered dosage differs from the prescribed dosage hy more than 20 percent of the prescribed dosage, and the difference between the administered dosage and prescribed dosage exceeds 30 uCi (1.11 MBq);

a gamma stereotactic radiosurgery radiation dose:

involving the wrong patient or wrong treatment site; or

when the calculated total administered dose differs from the total prescribed dose hy more than 10 percent of the total prescribed dose;

a teletherapy radiation dose:

involving the wrong patient, wrong treatment modality, the wrong treatment site;

when the treatment consists of three or fewer fractions and the calculated total administered dose differs from the total prescribed dose hy more than 10 percent of the total prescribed dose;

when the calculated weekly administered dose is 30 percent greater than the weekly prescribed dose; or

the calculated total administered dose differs from the prescribed dose hy more than 20 percent of the prescribed dose;

a brachytherapy radiation dose:

involving the wrong patient, wrong radioisotope, or the wrong treatment site (excluding, for permanent implants, seeds that were implanted in the correct site but migrated outside the treatment site);

involving a sealed source that is leaking;

when, for a temporary implant, one or more sealed sources are not removed upon completion of the procedure; or

when the calculated total administered dose differs from the prescribed dose by more than 20 percent of the prescribed dose;

a diagnostic radiopharmaceutical dosage, other than I-125 or I-131 in quantities greater than 30 uCi (1.11 MBq) of I-125 or I-131 as sodium iodide, both:

involving the wrong patient, the wrong pharmaceutical, the wrong route of administration, or the wrong radiopharmaceutical dosage; and

when the dose to the patient exceeds 5 rem (50 mSv) effective dose equivalent or 50 rem (500 mSv) dose equivalent to any individual organ.

"Supervised clinical experience" means performing specified tasks in the clinical setting during the work day. Supervised clinical experiences provide the student with the medical knowledge and facility necessary to assure that clinical procedures will be of benefit to the patient. It is provided in the clinic, as contrasted to the classroom, because that is the most efficient way to provide the instruction. However, continuing education courses, seminars, journal clubs, and other methods of clinical instruction may comprise up to 20% of this training and experience.

"Supervised handling experience" means performing specified tasks with equipment in the clinical setting during the work day. It is required so that the student will develop facility in performing those tasks in the work setting, as contrasted to the classroom and laboratory setting. This is usually accomplished during the "supervised clinical experience" period.

"Teletherapy" means a method of radiation therapy in which the source of radiation is at a distance of 6 cm or more from the area being treated.

"Teletherapy physicist" means the individual identified as the teletherapy physicist on a radioactive material license.

"Visiting authorized user" means a temporary (i.e., less than 60 days each year) authorized user who is not identified on the license of the licensee being visited and who has been approved by the Radiation Safety Committee in accordance with Section 335.1060(b).

"Weekly prescribed dose" means the portion of the prescribed dose to be delivered in 7 consecutive days.

"Written directive" means a written order for a specific patient, dated and signed by an authorized user prior to the administration of a radiopharmaceutical or radiation except as authorized under "all other brachytherapy" below, containing the following information:

therapeutic administration of a radiopharmaceutical other than I-125 or I-131 as sodium iodide: the radiopharmaceutical, dosage, and route of administration;

any administration of I-125 or I-131 as sodium iodide involving quantities greater than 30 uCi (1.11 MBq): the dosage;

gamma stereotactic radiosurgery: target coordinates, collimator size, plug pattern, and total dose;

teletherapy: the total dose, dose per fraction, treatment site, and overall treatment period;

high dose rate remote afterloading brachytherapy: the radionuclide, treatment site, and total dose; or

all other brachytherapy:

prior to implantation, the radionuclide, number of sources, and source strengths; and

after implantation but prior to completion of the procedure, the radionuclide, treatment site, and total source strength and exposure time (or equivalently, the total dose).

Section 335.30 License Required

a) No person shall manufacture, produce, acquire, receive, possess, use, or transfer radioactive material for medical use except in accordance with a specific license issued in accordance with 32 Ill. Adm. Code 330.

b) Unless prohibited by license condition, an individual may receive, possess, use, or transfer radioactive material in accordance with this Part under the supervision of an authorized user as provided in Section 335.1050.

Section 335.40 License Amendments

For specific licenses issued pursuant to 32 Ill. Adm. Code 330.260(a) or (b), a licensee's management shall apply for and shall receive a license amendment:

a) Before using radioactive material for any use not permitted by the license;

b) Before permitting anyone, except a visiting authorized user described in Section 335.1060, to work as an authorized user under the license;

c) Before changing the Radiation Safety Officer or teletherapy physicist. If the teletherapy physicist named on the license is no longer performing his duties, the Radiation Safety Committee may have the duties performed by an individual who is listed by name as a teletherapy physicist on a Department, Agreement State or U.S. Nuclear Regulatory Commission license, and meets the training criteria listed in Section 335.9150 for up to 90 days while an amendment is being obtained;

d) Before receiving radioactive material in excess of the amount authorized on the license;

e) Before adding to or changing any area of use identified on the license;

f) Before changing statements, representations and procedures that are incorporated into the license; and

g) Within 30 days after a Radiation Safety Officer or teletherapy physicist permanently discontinues performance of duties under the license, or after changing the name or the mailing address of the licensee as it appears on the license.

SUBPART B: General Administrative Requirements

Section 335.1010 ALARA Program

a) Each licensee shall develop and implement a written program designed to maintain radiation doses and releases of radioactive material in effluents to unrestricted areas as low as is reasonably achievable. The licensee shall retain a current written description of the ALARA program for the duration of the license. The written description shall include:

1) A commitment by management to keep occupational doses and releases of radioactive material in effluents as low as is reasonably achievable;

2) A requirement that the Radiation Safety Officer brief management at least once each year on the radiation safety program;

3) Personnel dose investigational levels that, when exceeded, will initiate an investigation by the Radiation Safety Officer of the cause of the dose; and

4) Personnel dose investigational levels that, when exceeded, will within 24 hours initiate an investigation by the Radiation Safety Officer of the cause of the dose and a consideration of actions that might be taken to reduce the probability of recurrence.

h) To satisfy the requirement of subsection (a):

1) The management, Radiation Safety Officer and all authorized users shall participate in the establishment, implementation and operation of the ALARA program as required by 32 Ill. Adm. Code 340.1000(b).

2) For licensees that are not medical institutions, management and all authorized users shall participate in the program as requested by the Radiation Safety Officer.

3) The ALARA program shall include notice to workers of the program's existence and workers' responsibility to help keep radiation doses as low as is reasonably achievable.

c) The ALARA program shall include an annual review by the Radiation Safety Committee for medical institutions, or management and the Radiation Safety Officer for licensees that are not medical institutions. The annual review shall include summaries of:

1) the types and amounts of radioactive material used;

2) occupational dose reports;

3) all license conditions and regulations as they relate to the licensee's program; and

4) continuing education and training provided to personnel as required by 32 Ill. Adm. Code 400.120.

SAVE $3,999,994

Did you know we sell paperback books too?

To buy our entire catalog in paperback would cost over $4,000,000

Access it all now for $8.99/month

*Fair usage policy applies

Continue

C) A list of all duties and responsibilities reviewed by the Radiation Safety Officer for the designee review;

D) The results of the Radiation Safety Officer's review and any corrective measures taken, if applicable, based on the review; and

E) The signature of the Radiation Safety Officer.

Section 335.1030 Radiation Safety Committee

Each medical institution licensee shall establish a Radiation Safety Committee to oversee the use of radioactive material.

a) The Committee shall meet the following administrative requirements:

1) Membership shall consist of at least three individuals and shall include an authorized user of each type of use permitted by the license, the Radiation Safety Officer for each medical license, a representative of the nursing service and a representative of management who is neither an authorized user nor a Radiation Safety Officer.

2) The Committee shall meet at least once each calendar quarter.

3) To establish a quorum and to conduct business, at least one-half of the Committee membership must be in attendance, and shall include the management's representative, an authorized user and the Radiation Safety Officer. However, no more than once per year, the Radiation Safety Officer's designee may substitute for the Radiation Safety Officer, provided that the designee has a written report from the Radiation Safety Officer.

AGENCY NOTE: The written report referenced above includes all information otherwise required to have been submitted by the Radiation Safety Officer at that meeting, such as information specified in subsections (b)(5) and (6) below.

4) The minutes of each Radiation Safety Committee meeting shall include:

A) The date of the meeting;

B) Members in attendance;

C) Members absent;

D) Summary of deliberations and discussions;

E) Recommended actions and the numerical results of all votes; and

F) Documentation of any reviews required by subsection (h) below and Section 335.1010(b).

5) The Committee shall provide each member with a copy of the meeting minutes before the next meeting, and retain one copy for 5 years from the meeting date.

h) To oversee the use of licensed material, the Committee shall:

1) Monitor the institutional program to maintain individual and collective doses as low as is reasonably achievable;

2) Review and approve or disapprove any individual who is to be listed as an authorized user, Radiation Safety Officer, or Teletherapy Physicist before submitting a license application or request for amendment or renewal. Such review and approval shall be on the basis of safety and with regard to the training and experience standards of this Part;

3) Review on the basis of safety and approve or disapprove each proposed method of use of radioactive material;

4) Submit to the Department, for licensing action, only those procedures and radiation safety program changes that have been reviewed by the Committee on the basis of safety, and have been approved with the advice and consent of the Radiation Safety Officer and the management representative;

AGENCY NOTE: This approval may be obtained either by vote at a meeting of the Radiation Safety Committee or by written approval of the individual members of the Committee.

5) Review quarterly, with the assistance of the Radiation Safety Officer, occupational radiation exposure records of all personnel working in the vicinity of radioactive material;

6) Review quarterly all recordable and reportable events and incidents involving radioactive material with respect to cause and subsequent actions taken. These reviews shall be with the assistance of the Radiation Safety Officer;

DEPARTMENT OF NUCLEAR SAFETY

NOTICE OF ADOPTED RULES

7) Review annually the radiation safety program. These reviews shall be with the assistance of the Radiation Safety Officer; and

8) Establish a table of investigational levels for occupational dose that, when exceeded, shall initiate investigations and considerations of action by the Radiation Safety Officer.

Section 335.1040 Statement of Authorities and Responsibilities

a) A licensee shall provide the Radiation Safety Officer, and also at a medical institution the Radiation Safety Committee, authority, organizational freedom and management prerogative to:

1) Identify actual or potential radiation safety hazards;

2) Initiate, recommend, or provide solutions to actual or potential radiation safety hazards; and

3) Verify implementation of corrective actions.

b) A licensee shall establish, in writing, the authorities, duties, responsibilities and radiation safety activities of the Radiation Safety Officer, and also at a medical institution the Radiation Safety Committee.

Section 335.1050 Supervision

a) A licensee who permits the receipt, possession, use, or transfer of radioactive material by an individual other than a physician under the supervision of an authorized user as allowed by Section 335.30 shall:

I) Instruct the supervised individual, prior to assuming duties requiring the handling of radioactive materials, in the principles of radiation safety appropriate to that individual's use of radioactive material;

2) Review the supervised individual's use of radioactive material, provide reinstruction and review records kept to reflect this use;

3) Require the authorized user or Radiation Safety Officer to be available to communicate with the supervised individual; and

DEPARTMENT OF NUCLEAR SAFETY

NOTICE OF ADOPTED RULES

4) Allow only those individuals who are accredited by the Department pursuant to 32 Ill. Adm. Code 401.100 or exempt from accreditation by 32 Ill. Adm. Code 401.30, and designated in writing by the licensee, to administer radionuclides or radiation to patients.

b) A licensee who permits the receipt, possession, use, or transfer of radioactive material by a physician under the supervision of an authorized user as allowed by Section 335.30 shall:

1) Review the supervised individual's use of radioactive material, provide reinstruction and review records kept to reflect this use;

2) Require the authorized user to be available to communicate with the supervised individual; and

3) Maintain a record of each supervised individual for a period of 5 years from the initiation of their supervised training. This record shall include the name of each supervised individual, the results of reviews required by subsection (b)(1) above, a description of what procedures the supervised individual is approved to perform and the signature of the supervising authorized user.

c) A licensee shall require the supervised individual receiving, possessing, using, or transferring radioactive material under Section 335.30 to:

1) Follow the instructions of the supervising authorized user;

2) Follow the procedures established by the Radiation Safety Officer; and

3) Comply with this Part and 32 Ill. Adm. Code 310, 330, 340, 341, 400 and 401 and the license conditions with respect to the use of radioactive material.

Section 335.1060 Authorized User and Visiting Authorized User

a) A licensee shall assure that only authorized users of radioactive material who are licensed practitioners of the healing arts:

1) Select or establish written criteria for the selection of the patients to receive radioactive material or radiation therefrom;

2) Prescribe the radiopharmaceutical dosage or radiation dose to be administered; and

3) Interpret the results of tests, studies, or treatments.

h) A licensee may permit any visiting authorized user to use licensed material for medical use under the terms of the licensee's license for up to 60 days each year without applying for a license amendment if:

1) The physician is licensed in accordance with the Medical Practice Act of 1987;

2) The visiting authorized user has the prior written permission of the licensee's management and, if the use occurs on behalf of an institution, the institution's Radiation Safety Committee;

3) The licensee has a copy of a Department, Agreement State, Licensing State, or U.S. Nuclear Regulatory Commission license that identifies the visiting authorized user by name as an authorized user; and

4) Only those procedures for which the visiting authorized user is specifically authorized by a Department, Agreement State, Licensing State, or U.S. Nuclear Regulatory Commission license are performed by that individual.

c) A licensee shall retain copies of the records specified in subsection (h) for 5 years.

Section 335.1070 Mobile Nuclear Medicine Service Administrative Requirements

a) Prior to bringing radioactive material into a client's facility, mobile nuclear medicine service licensees shall obtain a letter, signed by the management of the client for whom services are rendered, that authorizes use of radioactive material at the client's address of use. The mobile nuclear medicine service licensee shall retain the letter for 5 years after the last provision of service.

h) If a mobile nuclear medicine service provides services that the client is also authorized to provide, then the mobile nuclear medicine service shall provide those services in accordance with 32 Ill. Adm. Code: Chapter II and the requirements of the mobile nuclear medicine service's license.

c) A mobile nuclear medicine service shall not have radioactive material delivered directly from the manufacturer or the distributor to the mobile nuclear medicine service company's client.

d) The mobile nuclear medicine service shall retain a record of all dosages administered under the service's license for 5 years after the date of administration. This record shall include the radiopharmaceutical name, the clinical procedure, the activity administered, the name of the authorized user, the date of administration and the initials of the individual performing the administration.

e) A mobile nuclear medicine licensee may permit a physician to use licensed material for medical use under the terms of the mobile nuclear medicine service's license without applying for a license amendment if:

1) The physician has the prior written permission of the mobile nuclear medicine service's management;

2) The mobile nuclear medicine service has a copy of a Department, Agreement State, Licensing State, or U.S. Nuclear Regulatory Commission license that identifies the physician by name as an authorized user for medical use; and

3) Only those procedures for which the physician is specifically authorized by a Department, Agreement State, Licensing State, or U.S. Nuclear Regulatory Commission license are performed by that individual.

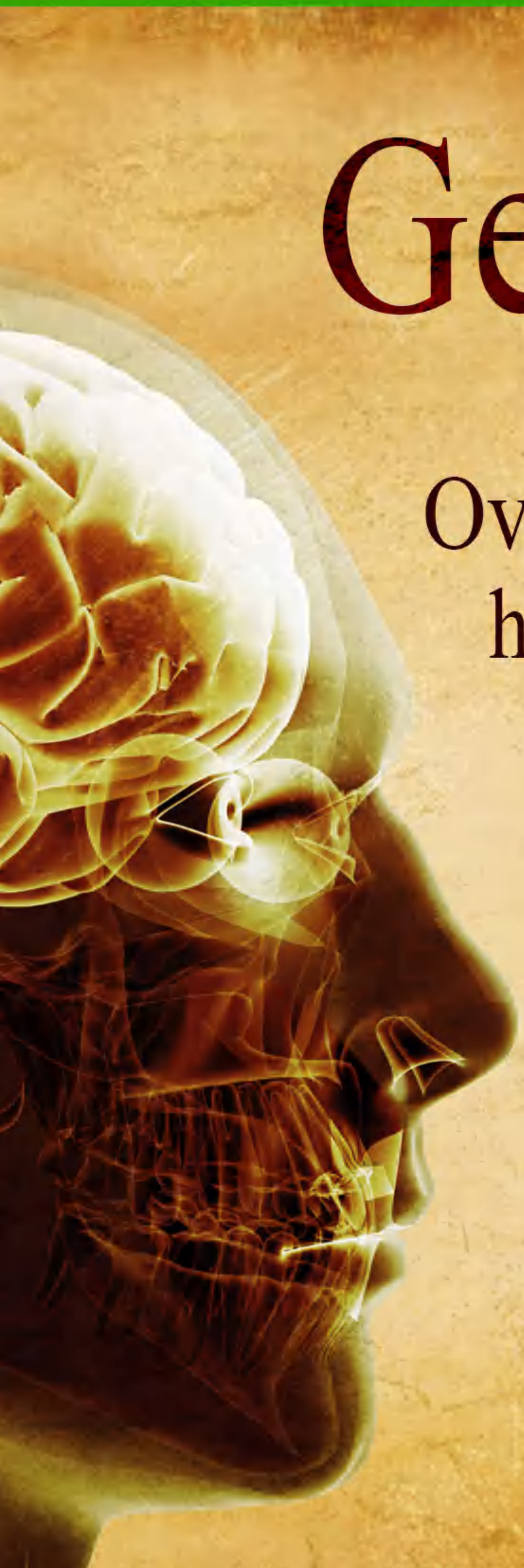
f) Mobile nuclear medicine licensees shall comply with the ALARA program requirements of Section 335.1010.

Section 335.1080 Notifications, Reports, and Records of Reportable Events

a) For any administration of radioactive material or radiation that results in a reportable event:

1) The licensee shall notify the Department by telephone no later than the next day after the licensee ascertains and confirms that a reportable event has occurred.

2) The licensee shall submit a written report to the Department within 15 days after the licensee ascertains and confirms that a reportable event has occurred. The written report must include the licensee's name; the prescribing physician's name; a brief description of the reportable event; why the



Get Smart

Over 2,000 years of human knowledge in 797,885 volumes

Instant access $8.99/month

Continue

*Fair usage policy applies

tests shall be performed by assaying at least the following 3 sealed sources, the activity of which the manufacturer, National Bureau of Standards, or the National Institute of Standards and Technology has determined within 5 percent of the stated activity:

A) Cesium-137, minimum 100 uCi (3.7 MBq) source;

B) Barium-133, minimum 100 uCi (3.7 MBq) source;

C) Cobalt-57, minimum 1 millicurie (37 MBq) source;

3) Test each dose calibrator for linearity upon installation, and thereafter at intervals not to exceed 3 months, over the range of use from the lowest to the highest dosage that will be administered. The licensee shall also maintain records of these tests. These records shall include the model and serial number of the dose calibrator, the calculated activities, the measured activities, the date(s) and time of the test, the signature of the individual performing the test and the signature of the Radiation Safety Officer; and

4) Test each dose calibrator for geometry dependence upon installation or relocation over the range of volumes and volume configurations for which it will be used. The licensee shall keep a record of this test for the duration of the use of the dose calibrator. The licensee shall also maintain records of these tests. These records shall include the model and serial number of the dose calibrator, the activity and configuration of the source measured, the activity measured for each volume measured, the instrument setting for each volume measured, the date of the test, the signature of the individual performing the test and the signature of the Radiation Safety Officer.

c) A licensee shall mathematically correct dosage readings for any geometry or linearity error that exceeds 10 percent if the dosage is greater than 10 uCi (370 kBq) and shall repair or replace the dose calibrator if the accuracy or constancy error exceeds 10 percent.

d) A licensee shall also perform checks and tests required by subsection (b) following adjustment or repair of the dose calibrator, such as replacement of electronic components, that will affect constancy, linearity, accuracy or geometry dependance.

e) A licensee shall retain a record of each check and test required by this Section for 5 years.

Section 335.2020 Possession, Calibration and Check of Survey Instruments

a) A licensee authorized to use radioactive material for uptake, dilution and excretion studies shall have in its possession a portable radiation detection survey instrument capable of detecting dose rates over the range 0.1 mrem (1.0 uSv) per hour to 50 mrem (500 uSv) per hour. The instrument shall be operable and calibrated in accordance with the requirements of this Section.

b) A licensee authorized to use radioactive material for imaging and localization studies, for radiopharmaceutical therapy or for implant therapy shall have in its possession a portable radiation detection survey instrument capable of detecting dose rates over the range 0.1 mrem (1.0 uSv) per hour to 50 mrem (500 uSv) per hour, and a portable radiation measurement survey instrument capable of measuring dose rates over the range 1 mrem (10 uSv) per hour to 1000 mrem (10 mSv) per hour. The instruments shall be operable and calibrated in accordance with the requirements of this Section.

c) A licensee authorized to use radioactive material as a sealed source:

1) In a teletherapy unit shall have in its possession either a portable radiation detection survey instrument capable of detecting dose rates over the range 0.1 mrem (1.0 uSv) per hour to 50 mrem (500 uSv) per hour or a portable radiation measurement survey instrument capable of measuring dose rates over the range 1 mrem (10 uSv) per hour to 1000 mrem (10 mSv) per hour. The instrument shall be operable and calibrated in accordance with the requirements of this Section.

2) For diagnostic purposes shall use either a portable radiation detection survey instrument capable of detecting dose rates over the range 0.1 mrem (1.0 uSv) per hour to 50 mrem (500 uSv) per hour or a portable radiation measurement survey instrument capable of measuring dose rates over the range 1 mrem (10 uSv) per hour to 1000 mrem (10 mSv) per hour. The instrument shall be operable and calibrated in accordance with the requirements of this Section.

d) A licensee shall ensure that the survey instruments used to show compliance with this Part have been calibrated before first use, annually and following repair.

e) To satisfy the requirement of subsection (d) the licensee shall:

DEPARTMENT OF NUCLEAR SAFETY

NOTICE OF ADOPTED RULES

1) Calibrate all required scale readings up to 1000 mrem (10 mSv) per hour with a radiation source;

2) Calibrate two readings, separated by at least 50 percent of the full-scale reading, for each scale to be calibrated;

3) Post a legible note on the instrument with the apparent exposure rate from a dedicated check source as determined at the time of calibration, or immediately upon receipt of a calibrated instrument and with the date of calibration; and

4) Ensure that survey instrument calibrations are performed by persons specifically licensed by the Department, an Agreement State, a Licensing State, or the U.S. Nuclear Regulatory Commission to perform such services.

f) To satisfy the requirements of subsection (e)(1) and (2), the licensee shall:

1) Consider a point as calibrated if the indicated exposure rate differs from the calculated exposure rate by not more than 10 percent; or

2) Consider a point as calibrated if the indicated exposure rate differs from the calculated exposure rate by not more than 20 percent and a correction chart or graph is conspicuously attached to the instrument.

g) Prior to using radioactive material, a licensee shall check the survey instrument to be used for required surveys with a dedicated check source on each day that instrument is used. This check source shall have a half-life greater than 5 years. These checks shall be taken with the check source placed in a specific geometry relative to the detector. If any check source reading varies greater than 20 percent from the reading measured immediately after calibration the licensee shall require that the instrument be repaired or re-calibrated before use to determine compliance with this Part or 32 Ill. Adm. Code 340. The results of these checks shall be recorded:

1) After repair, battery change, or instrument calibration; and

2) At intervals not to exceed 3 months.

h) The licensee shall retain a record, for 5 years, of each calibration required in subsection (d). The record shall include:

DEPARTMENT OF NUCLEAR SAFETY

NOTICE OF ADOPTED RULES

1) A copy of the licensee's calibration procedures or a copy of a Department, Agreement State, Licensing State, or U.S. Nuclear Regulatory Commission license authorizing the person that performed the calibration to perform calibrations as a customer service; and

2) The model, serial number, radionuclide, assay activity and assay date of the source used and the exposure rates from the source as provided in, or calculated from, information provided by the source supplier, and the rates indicated by the instrument being calibrated, the correction factors deduced from the calibration data, the signature of the individual who performed the calibration and the date of calibration.

i) The licensee shall retain a record of each check required in subsection (g) for 5 years. The record shall include a description of the source used, the radiation level indicated by the instrument being checked, the signature of the individual who performed the check and the date of the check.

Section 335.2030 Assay of Radiopharmaceutical Dosages

A licensee shall:

a) Assay, before medical use, the activity of each radiopharmaceutical dosage that contains more than 10 uCi (370 kBq) of a photon-emitting radionuclide;

b) Assay, before medical use, the activity of each radiopharmaceutical dosage with a desired activity of 10 uCi (370 kBq) or less of a photon-emitting radionuclide to verify that the dosage does not exceed 10 uCi (370 kBq);

c) Retain a record of the assays required by this Section for 5 years. To satisfy this requirement, the record shall contain:

1) The generic name, trade name, or abbreviation of the radiopharmaceutical, its lot number and expiration date or time and the radionuclide;

2) The patient's name and identification number if one has been assigned;

3) The prescribed dosage and activity of the dosage at the time of assay, or a notation that the total activity is less than 10 uCi (370 kBq);

4) The date and time of the assay;

5) The date and time of administration of the radiopharmaceutical; and

6) The initials of the individual who performed the assay.

d) A report of any irregularities pertaining to identification, labeling, quality, or assay of any radiopharmaceutical received under the authority of this license shall be filed within ten (10) days of occurrence with the Department, Division of Radioactive Materials.

Section 335.2040 Authorization for Calibration and Reference Sources

Any person authorized by Section 335.30 for medical use of radioactive material may receive, possess and use the following radioactive material for check, calibration and reference use:

a) Sealed sources manufactured and distributed by persons specifically licensed in accordance with 32 Ill. Adm. Code 330 or equivalent provisions of an Agreement State, a Licensing State, or the U.S. Nuclear Regulatory Commission and that do not exceed 15 mCi (555 MBq) each, except radioactive material with atomic number 83 or above shall not exceed 5 uCi (185 kBq) per source and the total of such sources shall not exceed 50 uCi (1.85 MBq). The licensee need not submit in license applications the information required by 32 Ill. Adm. Code 330.240(g)(1) provided that the licensee maintains a record for each sealed source possessed under this authorization. The record shall identify the source by manufacturer and model as indicated in an evaluation sheet issued by an Agreement State, a Licensing State, or the U.S. Nuclear Regulatory Commission;

h) Any radioactive material with a half-life of 100 days or less in individual amounts not to exceed 15 mCi (555 MBq);

c) Any radioactive material with a half-life greater than 100 days in individual amounts not to exceed 200 uCi (7.4 MBq) each; and

d) Technetium-99m in individual amounts not to exceed 50 mCi (1.85 gigabecquerels (GBq)).

Section 335.2050 Requirements for Possession of Sealed Sources

a) A licensee in possession of any sealed source shall post and follow the radiation safety and handling instructions supplied by the manufacturer or equivalent instructions approved by the Department

for the duration of source use. If posting of the instructions is not practicable, the licensee shall post a notice that describes where users may access the instructions.

h) A licensee in possession of a sealed source shall assure that:

1) The source is tested for leakage before its first use unless the licensee has a certificate from the supplier indicating that the source was tested within 6 months before transfer to the licensee; and

2) The source is tested for leakage at intervals not to exceed 6 months or at intervals approved by the Department, an Agreement State, a Licensing State, or the U.S. Nuclear Regulatory Commission. Sources designed to emit alpha particles are tested for leakage or contamination at intervals not to exceed 3 months or at intervals approved by the Department, an Agreement State, a Licensing State, or the U.S. Nuclear Regulatory Commission.

c) To satisfy the leak test requirements of this Section, the licensee shall assure that:

1) Leak tests are capable of detecting the presence of 0.005 uCi (185 Bq) of radioactive material on the test sample, or in the case of radium, either the presence of 0.005 uCi (185 Bq) of radioactive material on the test sample or the escape of radon at the rate of 0.001 uCi (37 Bq) per 24 hours;

2) Test samples are taken from the source or from the surfaces of the device in which the source is mounted or stored on which radioactive contamination might be expected to accumulate;

3) For a sealed source contained in a device, test samples are obtained when the source is in the "off" position; and

4) Tests for both leakage and contamination are performed by persons specifically licensed by the Department, an Agreement State, a Licensing State, or the U.S. Nuclear Regulatory Commission to perform such services.

d) A licensee shall retain leak test records for 5 years. The records shall contain the model and serial number, if assigned, of each source tested, the identity of each source radionuclide and its estimated activity, the measured activity of each test sample expressed in uCi or Bq, a copy of the licensee's leak test procedures or a copy of a Department, Agreement State, Licensing

SAVE $3,999,994

Did you know we sell paperback books too?

To buy our entire catalog in paperback would cost over $4,000,000

Access it all now for $8.99/month

*Fair usage policy applies

Continue

Section 335.2070 Vial Shields and Vial Shield Labels

a) A licensee shall require each individual preparing or handling a vial that contains a radiopharmaceutical to keep the vial in a vial radiation shield.

b) Notwithstanding the provisions of 32 Ill. Adm. Code 340.2030(f) (1), (2) and (3), a licensee shall label each vial radiation shield that contains a vial of a radiopharmaceutical with the radiopharmaceutical name or its abbreviation.

Section 335.2080 Surveys for Contamination and Ambient Radiation Dose Rate

a) At the end of each day of use, the licensee shall survey, with a radiation detection survey instrument, all areas where liquid radiopharmaceuticals are prepared for use or administered. However, when diagnostic radiopharmaceuticals are administered to a hospitalized patient in the patient's room, the licensee need not survey the area where the radiopharmaceuticals were administered.

b) At least once each week, a licensee shall survey with a radiation detection survey instrument all areas where radiopharmaceuticals or radioactive wastes are stored.

c) A licensee shall conduct the surveys required by subsections (a) and (h) in a manner that allows measurement of dose rates as low as 0.1 mrem (I uSv) per hour.

d) At least once each week, a licensee shall survey for removable contamination all areas where radiopharmaceuticals are prepared for use, administered, or stored.

e) A licensee shall conduct the surveys required by subsection (d) in a manner that permits detection of contamination on each wipe sample of 2000 disintegrations per minute (dpm) (33 Bq) per 100 cm^2 wiped.

f) A licensee shall retain a record of each survey required by this Section for 5 years. The record shall include the date of the survey, a sketch of each area surveyed, the measured dose rate at several points in each area expressed in mrem or uSv per hour or the removable contamination in each area expressed in dpm or Bq per 100 cm^2 wiped, the model and serial number of the instrument used to make the survey or analyze the samples and the signature of the individual who performed the survey.

Section 335.2090 Safety Instructions for Patients Not Hospitalized and Containing Therapeutic Doses of Radiopharmaceuticals or Permanent Implants

The licensee shall provide safety instructions to patients who are not hospitalized for compliance with Section 335.2100 and to any therapy patient administered 15 mCi (555 MBq) or more of iodine-131, or to the family or guardian of such patient. This information shall be provided orally or in writing.

AGENCY NOTE: Because the patient is a source of radiation exposure to other members of the public, it is necessary that the patient receive instruction in precautions to be followed in order to minimize radiation exposure to others.

Section 335.2100 Admission of Patients Being Treated with Radiopharmaceuticals or Permanent Implants

A licensee shall admit any patient for administration of a permanent implant or 30 mCi (1.11 GBq) or more of a therapeutic radiopharmaceutical if the patient's dose rate at I meter is expected to exceed 5 mrem (50 uSv) per hour.

Section 335.2110 Discharge of Patients Being Treated with Therapeutic Doses of Radiopharmaceuticals or Permanent Implants

Patients administered a permanent implant or 30 mCi (1.11 GBq) or more of a therapeutic radiopharmaceutical may be discharged from the hospital only after all of the following conditions have been met:

a) A physician, authorized to perform therapeutic procedures using radiopharmaceuticals or permanent implants, has authorized the discharge;

h) The measured dose rate from the patient is less than either 5 mrem (50 uSv) per hour at a distance of 1 meter or the radioactive material remaining in the patient is calculated to be less than 30 mCi (I.II GBq); and

c) For any therapy patient whose measured dose rate at 1 meter is greater than 2 mrem (20 uSv) per hour, the licensee has provided instruction orally or in writing to the patient, or the family or guardian of the patient.

AGENCY NOTE: Because the patient is a source of radiation exposure to other members of the public, it is necessary that the patient receive instruction in precautions to be followed in order to minimize radiation exposure to others.

DEPARTMENT OF NUCLEAR SAFETY

NOTICE OF ADOPTED RULES

Section 335.2120 Mobile Nuclear Medicine Service Technical Requirements

A licensee providing mobile nuclear medicine service shall:

a) Transport to each address of use only those syringes or vials containing prepared radiopharmaceuticals or radiopharmaceuticals that are intended for reconstitution of radiopharmaceutical kits;

b) Bring into each location of use all radioactive material to be used and, before leaving, remove all unused radioactive material and associated radioactive waste;

c) Secure or keep under constant surveillance and immediate control all radioactive material when in transit or at a location of use;

d) Check survey instruments and dose calibrators for proper function before medical use at each location of use, as required in Sections 335.2010(b)(1), (d) and 335.2020(d);

e) Carry a calibrated survey instrument in each vehicle that is being used to transport radioactive material, and, before leaving a client location of use, survey all areas of radiopharmaceutical use with a radiation detection survey instrument to ensure that all radiopharmaceuticals and all associated radioactive wastes have been removed; and

f) Retain a record of each survey required by subsection (e) for 5 years. The record shall include the date of the survey, a plan of each area that was surveyed, the measured dose rate at several points in each area of use expressed in mrem or uSv per hour, the model and serial number of the instrument used to make the survey and the signature of the individual who performed the survey.

Section 335.2130 Storage of Volatiles and Gases

a) A licensee shall store radioactive gases and volatile radiopharmaceuticals, including iodine as sodium iodide, in the shipper's radiation shield and container, or

b) A licensee shall store and use a container in a properly functioning, ventilated device such as a glove box or fume hood.

DEPARTMENT OF NUCLEAR SAFETY

NOTICE OF ADOPTED RULES

SUBPART D: Uptake, Dilution and Excretion

Section 335.3010 Use of Radiopharmaceuticals for Uptake, Dilution, or Excretion Studies

A licensee may use any radioactive material in a radiopharmaceutical for a diagnostic use involving measurements of uptake, dilution, or excretion provided that the Food and Drug Administration (FDA) has either accepted an "Investigational New Drug Application" (IND) or approved a "New Drug Application" (NDA).

SUBPART E: Imaging and Localization

Section 335.4010 Use of Radiopharmaceuticals, Generators and Reagent Kits for Imaging and Localization Studies

a) A licensee may use any radioactive material in a diagnostic radiopharmaceutical, or any generator, or any reagent kit for preparation and diagnostic use of a radiopharmaceutical containing radioactive material provided that the Food and Drug Administration has either accepted an "Investigational New Drug Application" (IND) or approved a "New Drug Application" (NDA).

b) A licensee shall elute generators in compliance with Section 335.4020.

Section 335.4020 Permissible Molybdenum-99 Concentration

a) A licensee shall not administer to humans a radiopharmaceutical containing more than 0.15 uCi of molybdenum-99 per mCi of technetium-99m, or more than 5.55 kBq of molybdenum-99 per 37 MBq of technetium-99m, or more than 5 uCi (185 kBq) of molybdenum-99 per administered dose at the time of administration.

b) A licensee preparing technetium-99m radiopharmaceuticals from molybdenum-99/technetium-99m generators shall measure the molybdenum-99 concentration in each eluate or extract.

c) A licensee who is required to measure molybdenum concentration shall retain a record of each measurement for 5 years. The record shall include, for each elution or extraction of technetium-99m, the measured activity of the technetium expressed in mCi or MBq, the measured activity of the molybdenum expressed in uCi or kBq, the ratio of the measures expressed as uCi or kBq of molybdenum per mCi or MBq of technetium, the time and date of the test and the initials or signature of the individual who performed the test.

d) A licensee shall report immediately to the Department each occurrence of molybdenum-99 concentration exceeding the limits specified in subsection (a).

Section 335.4030 Control of Aerosols and Gases

a) A licensee who administers radioactive aerosols or gases shall do so with a system that will keep airborne concentrations within the limits prescribed by 32 Ill. Adm. Code 340.1030 and 340.1060.

b) The system shall either be directly vented to the atmosphere through an air exhaust or provide for collection and decay or disposal of the aerosol or gas in a shielded container.

c) A licensee shall administer radioactive gases only in rooms that are at negative pressure compared to surrounding rooms or hallways.

d) Before receiving, using, or storing a radioactive gas, the licensee shall calculate the amount of time needed after a release to reduce the concentration in the area of use to the occupational limit listed in 32 Ill. Adm. Code 340.Appendix A. The calculation shall be based on the highest activity of gas handled in a single container and the measured available air exhaust rate.

e) A licensee shall, at the area of use, post the time calculated in accordance with subsection (d) and require that, in the event of a gas spill, individuals evacuate the room until the posted time has elapsed.

f) In the event of a spill, the licensee shall use a radiation detection survey instrument upon room re-entry to ensure radiation levels return to background levels.

g) A licensee shall check the operation of reusable collection systems monthly and measure the ventilation rates available in areas of use at intervals not to exceed 6 months. The licensee shall maintain a record of these checks for 5 years. The record shall include the model and serial number of the collection system, results of all checks recommended by the manufacturer of the collection system, the date of the checks and the signature of the individual who performed the checks.

h) A copy of the calculations required in subsection (d) shall be recorded and retained for 5 years from the date of the last use of the area.

i) Contaminated charcoal trap filters, system tubing and masks shall be disposed of in accordance with 32 Ill. Adm. Code 340.

SUBPART F: Radiopharmaceuticals for Therapy

Section 335.5010 Use of Radiopharmaceuticals for Therapy

A licensee may use any radioactive material in a radiopharmaceutical for a therapeutic use provided that the Food and Drug Administration has either accepted an "Investigational New Drug Application" (IND) or approved a "New Drug Application" (NOA).

Section 335.5020 Safety Instruction

a) Patients shall be instructed in radiation safety precautions relating to patient control, visitor control, contamination control, and waste control.

b) Persons who enter a patient's room shall be instructed in radiation safety precautions and procedures related to visitor control and contamination control.

c) Attendant hospital staff shall receive annual instruction in the licensee's procedures for:

1) Patient control;

2) Visitor control;

3) Contamination control;

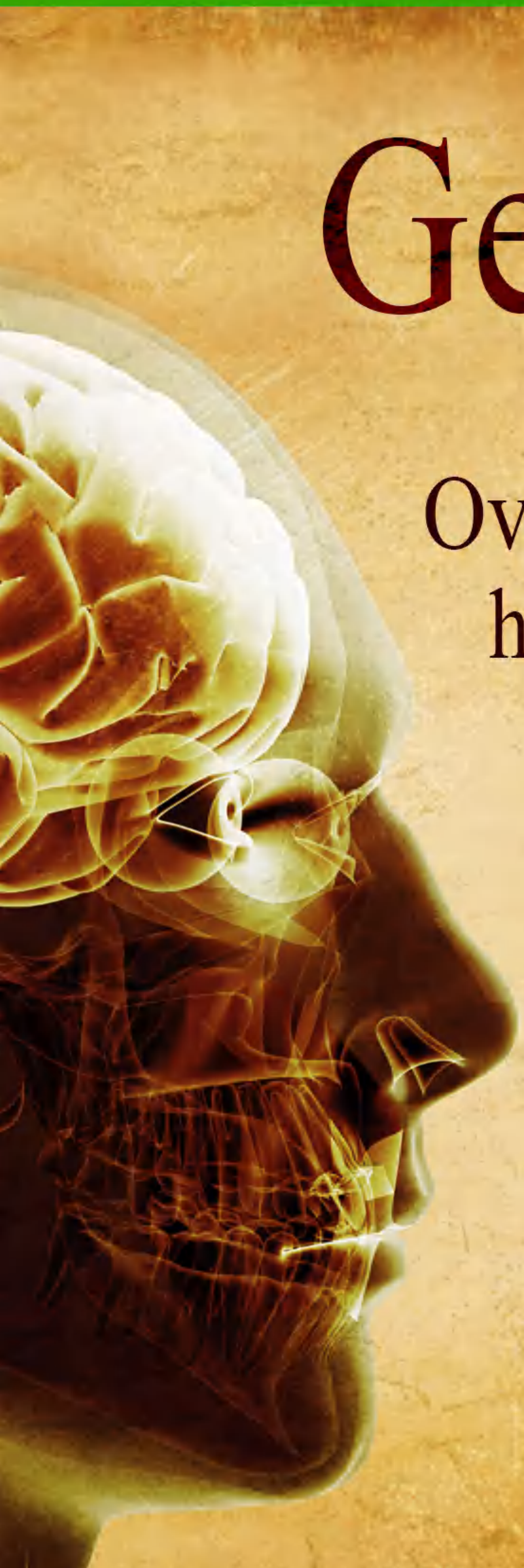
4) Waste control; and

5) Notification of the Radiation Safety Officer or authorized user in case of the patient's death or medical emergency.

d) A licensee shall keep for 5 years a list of the attendant hospital staff receiving instruction required by subsection (c), a description of the instruction, the date of instruction and the name of the individual who gave the instruction.

Section 335.5030 Safety Precautions for Radiopharmaceutical Therapy

a) For any hospitalized patient receiving treatment with a therapeutic radiopharmaceutical, the licensee shall:



Get Smart

Over 2,000 years of human knowledge in 797,885 volumes

Instant access $8.99/month

Continue

*Fair usage policy applies

patient, etc.), the radiation level detected, the model and serial number of the radiation detection survey instrument used and the signature of the individual who performed the survey.

SUBPART G: Sealed Sources for Diagnosis

Section 335.6010 Use of Sealed Sources for Diagnosis

A licensee shall use the following sealed sources in accordance with the manufacturer's radiation safety and handling instructions:

a) Iodine-125 as a sealed source in a device for bone mineral analysis;

h) Americium-241 as a sealed source in a device for bone mineral analysis;

c) Gadolinium-153 as a sealed source in a device for bone mineral analysis; and

d) Iodine-125 as a sealed source in a portable device for imaging.

SUBPART H: Sealed Sources for Brachytherapy

Section 335.7010 Use of Sealed Sources for Brachytherapy

A licensee shall use the following sources in accordance with the manufacturer's radiation safety and handling instructions:

a) Cesium-137 as a sealed source in needles and applicator cells for topical, interstitial and intracavitary treatment of cancer;

h) Cobalt-60 as a sealed source in needles and applicator cells for topical, interstitial and intracavitary treatment of cancer;

c) Gold-198 as a sealed source in seeds for interstitial treatment of cancer;

d) Iodine-125 as a sealed source in seeds for interstitial treatment of cancer;

e) Iridium-192 as seeds encased in nylon ribbon for interstitial treatment of cancer;

f) Palladium-103 as a sealed source in seeds for interstitial treatment of cancer;

g) Radium-226 as a sealed source in needles or applicator cells for topical, interstitial and intracavitary treatment of cancer;

h) Radon-222 as seeds for interstitial treatment of cancer; and

i) Strontium-90 as a sealed source in an applicator for treatment of superficial eye conditions.

Section 335.7020 Safety Instruction

a) The licensee shall provide oral and written radiation safety instruction to all personnel prior to their assuming independent care (i.e., care provided when an authorized user or Radiation Safety Officer is not physically present) of a patient receiving implant therapy. Refresher training shall be provided at intervals not to exceed 1 year.

h) To satisfy the requirements of subsection (a), the instruction shall describe:

1) Size and appearance of the brachytherapy sources;

2) Safe handling and shielding instructions in case of a dislodged source;

3) Procedures for control of patients who are not receiving radiation therapy that establish compliance with 32 Ill. Adm. Code 340.1050;

4) Procedures for control of visitors that establish compliance with 32 Ill. Adm. Code 340.1050; and

5) Procedures for notification of the Radiation Safety Officer or authorized user if the patient dies or has a medical emergency.

c) A licensee shall retain for 5 years a record of individuals receiving instruction required by subsection (a), a description of the instruction, the date of instruction and the signature of the individual who gave the instruction.

Section 335.7030 Safety Precautions

A licensee shall, for each patient receiving implant therapy:

a) Prohibit the placement of that patient in the same room with a patient who is not receiving radiation therapy unless the licensee

demonstrates, by survey measurements or calculations, compliance with the requirement of 32 Ill. Adm. Code 340.1050(a) at a distance of one meter from the implant;

b) Post the patient's door with a "Caution: Radioactive Materials" sign and note on the door or in the patient's chart where and how long visitors may stay in the patient's room. In addition, the posted sign shall indicate that pregnant women, or women who suspect that they are pregnant, shall contact the attendant staff for additional safety instructions or precautions;

c) Authorize visits by individuals under age 18 only on a patient-by-patient basis with the approval of the authorized user after consultation with the Radiation Safety Officer;

d) Within 1 hour after implanting the sources, measure the dose rates in contiguous restricted and unrestricted areas with a radiation measurement survey instrument to demonstrate compliance with 32 Ill. Adm. Code 340.1050(a), and retain for 5 years a record of each survey that includes the time and date of the survey, a sketch of the area or list of points surveyed, the measured dose rate at several points expressed in mrem or uSv per hour, the instrument used to make the survey and the signature of the individual who performed the survey;

e) Advise attendant nursing staff to notify the Radiation Safety Officer or the radiation therapy physician immediately if the patient dies or has a medical emergency;

f) Include the following information in the patient's chart:

I) The radionuclide administered, the number of sources implanted, the activity in mCi or GBq implanted and the time and date of administration;

2) The exposure rate at 1 meter from the patient, the time the determination was made and the signature of the individual who made the determination;

3) The radiation symbol; and

4) Precautionary instructions to assure that the exposure of individuals does not exceed that permitted under 32 Ill. Adm. Code 340.1010.

Section 335.7040 Accountability of Brachytherapy Sources

a) A licensee shall make, and retain for 5 years from the date of use, a record of the use of brachytherapy sources. This record shall include:

1) The names of the individuals permitted to handle the sources;

2) The number, radionuclide and activity of sources removed from storage; the time and date the sources were removed from storage; the number and activity the sources remaining in storage after the removal; the room number where the sources are being used; the name of the patient for whom the sources were used; and the signature of the individual removing the sources from storage.

3) The number, radionuclide and activity of sources returned to storage; the time and date the sources were returned to storage; the number and activity of sources in storage after the return; the room number where the sources were used; the name of the patient for whom the sources were used; and the signature of the individual who returned the sources to storage.

b) Immediately after implanting sources in a patient and immediately after removal of sources from a patient the licensee shall make a radiation survey of the patient and the area of use to confirm that no sources have been misplaced.

c) Each time brachytherapy sources are returned to an area of storage from an area of use, the licensee shall immediately count the number returned to ensure that all sources taken from the storage area have been returned. If all sources are not accounted for, the licensee shall notify the Radiation Safety Officer and a search for the sources shall be started immediately. If at the conclusion of the search all sources are not accounted for, the licensee shall notify the Department in accordance with 32 Ill. Adm. Code 340.4020.

d) A licensee shall make and retain a record of the surveys required by subsection (b) for 5 years. Each record shall include the date of the survey, the name of the patient, the dose rate expressed as mrem or uSv per hour as measured at 1 meter from the patient, the model and serial number of the radiation survey instrument used and the signature of the individual who performed the survey.

Section 335.7050 Discharge of Patients Treated With Temporary Implants

The licensee shall not authorize discharge of a patient treated by temporary implant until all sources have been removed and surveys have been completed in accordance with Section 335.7040(b).

SUBPART I: Teletherapy

Section 335.8010 Use of a Sealed Source in a Teletherapy Unit

a) A licensee shall use cobalt-60 or cesium-137 as a sealed source in a teletherapy unit for medical use in accordance with the manufacturer's radiation safety and operating instructions.

h) Teletherapy sources shall be tested for leakage and contamination in accordance with Sections 335.2050(b), (c), (d), (e) and (f). Tests of leakage may be made by wiping accessible surfaces of the housing port or collimator while the source is in the "off" position and measuring these wipes for transferred contamination.

Section 335.8020 Maintenance and Repair Restrictions

Only a person specifically licensed by the Department, an Agreement State, or the U.S. Nuclear Regulatory Commission to perform teletherapy unit maintenance and repair shall install, relocate, or remove a teletherapy sealed source or a teletherapy unit that contains a sealed source or maintain, adjust, or repair the source drawer, the shutter, or other mechanism of a teletherapy unit that could expose the source, reduce the shielding around the source, or result in increased radiation levels.

Section 335.8030 Amendments to Teletherapy Licenses

In addition to the requirements specified in Section 335.40, a teletherapy licensee shall apply for and shall receive a license amendment before:

a) Making any change in the treatment room shielding;

h) Making any change in the location of the teletherapy unit within the treatment room;

c) Using the teletherapy unit in a manner that could result in increased radiation levels in areas outside the teletherapy treatment room;

d) Relocating the teletherapy unit; or

e) Allowing an individual not listed on the licensee's license to perform the duties of the teletherapy physicist. If the teletherapy physicist named on the license is no longer performing his duties, the Radiation Safety Committee may have the duties performed by an individual who is listed by name as a teletherapy physicist on a Department, Agreement State or U.S. Nuclear Regulatory Commission license, and meets the training criteria listed in Section 335.9150 for up to 90 days while an amendment is being obtained.

Section 335.8040 Safety Instructions for Teletherapy

a) A licensee shall post instructions at the teletherapy unit console. To satisfy this requirement, these instructions shall inform the operator of:

1) The procedure to be followed to ensure that only the patient is in the treatment room before turning on the primary beam of radiation to begin a treatment or after a door interlock interruption;

2) The procedure to be followed if the operator is unable to turn off the primary beam of radiation with controls outside the treatment room or any other abnormal operation occurs; and

3) The names and telephone numbers of the authorized users and Radiation Safety Officer who are to be contacted immediately if the teletherapy unit or console operates abnormally.

h) A licensee shall provide instruction in the topics identified in subsection (a) to all individuals prior to their independent operation of a teletherapy unit and shall provide refresher training to such individuals at intervals not to exceed 1 year.

c) A licensee shall retain for 5 years a record of individuals receiving instruction required by subsection (b), a description of the instruction, the date of instruction and the signature of the individual who gave the instruction.

Section 335.8050 Doors, Interlocks and Safety Related Systems

a) A licensee shall control access to the teletherapy room by a door at each entrance.

h) A licensee shall equip each entrance to the teletherapy room with an electrical interlock system that shall:

SAVE $3,999,994

Did you know we sell paperback books too?

To buy our entire catalog in paperback would cost over $4,000,000

Access it all now for $8.99/month

*Fair usage policy applies

Continue

2) The system shall have been calibrated within the previous 4 years; 18 to 30 months after that calibration, the system shall have been compared with another dosimetry system that was calibrated within the past 24 months by the National Bureau of Standards, by the National Institute of Standards and Technology, or by a calibration lahoratory accredited by the AAPM. The dosimetry system shall be considered calibrated if a comparison is performed at a meeting sanctioned by a calibration laboratory or radiologic physics center accredited by the AAPM and the results of the comparison indicate that the calibration factor of the licensee's system has not changed by more than 2 percent. The licensee shall not use the comparison result to change the calibration factor. When comparing dosimetry systems to be used for calibrating cobalt-60 teletherapy units, the licensee shall use a teletherapy unit with a cobalt-60 source. When comparing dosimetry systems to be used for calibrating cesium-137 teletherapy units, the licensee shall use a teletherapy unit with a cesium-137 source.

b) The licensee shall have available for use a calibrated dosimetry system for spot-check measurements. To meet this requirement, the system may be compared with a system that has been calibrated in accordance with subsection (a). This comparison shall have been performed within the previous year and after each servicing that may have affected calibration of the calibrated system.

c) The licensee shall retain a record of each calibration and comparison for the duration of the license. For each calibration, or comparison, the record shall include the date, the model and serial numbers of the instruments that were calibrated, or compared as required by subsections (a) and (b), the correction factors that were deduced, the names of the individuals who performed the calibration, or comparison, and evidence that the comparison meeting was sanctioned by a calibration laboratory or radiologic physics center accredited by AAPM.

Section 335.8090 Full Calibration Measurements for Teletherapy

a) A licensee authorized to use a teletherapy unit for medical use shall perform full calibration measurements, as described in subsection (b), on each teletherapy unit:

1) Before the first medical use of the unit; and

2) Before medical use under the following conditions:

A) Whenever spot-check measurements indicate that the output differs by more than 5 percent from the output obtained at the last full calibration, corrected mathematically for radioactive decay;

B) Following replacement of the source or following reinstallation of the teletherapy unit in a new location;

C) Following any repair of the teletherapy unit that includes removal of the source or major repair of the components associated with the source exposure assembly; and

3) At intervals not exceeding 1 year.

h) To satisfy the requirement of subsection (a), full calibration measurements shall include determination of:

1) The output, within 3 percent, for the range of field sizes and for the distance or range of distances used for medical use;

2) The coincidence of the radiation field and the field indicated by the light beam localizing device;

3) The uniformity of the radiation field and its dependence on the orientation of the useful beam;

4) Timer constancy and linearity over the range of use;

5) On-off error; and

6) The accuracy of all distance measuring and localization devices in medical use.

c) A licensee shall use the dosimetry system described in Section 335.8080 to measure the output for one set of exposure conditions. The remaining radiation measurements required in subsection (b)(1) may then be made using a dosimetry system that indicates relative dose rates.

d) A licensee shall make full calibration measurements required by subsection (a) in accordance with either the procedures recommended by the Scientific Committee on Radiation Dosimetry of the American Association of Physicists in Medicine that are described in "Physics in Medicine and Biology" (Vol. 16, No. 3, 1971, pp. 379-396), exclusive of any subsequent amendments or editions, or by Task Group

21 of the Radiation Therapy Committee of the American Association of Physicists in Medicine that are described in "Medical Physics" (Vol. 10, No. 6, 1983, pp. 741-771 and Vol. 11, No. 2, 1984, p. 213), exclusive of any subsequent amendments or editions.

AGENCY NOTE: Copies of these documents are available for review at the Department.

e) A licensee shall mathematically correct for physical decay the outputs determined in subsection (b)(1). These corrections shall be for intervals not exceeding one month for cobalt-60 and intervals not exceeding 6 months for cesium-137.

f) Full calibration measurements required by subsection (a) and physical decay corrections required by subsection (e) shall be performed by a teletherapy physicist.

g) A licensee shall retain a record of each calibration for the duration of the license. The record shall include the date of the calibration, the manufacturer's name, model and serial numbers for both the teletherapy unit and the source, the model and serial numbers of the instruments used to calibrate the teletherapy unit, tables that describe the output of the unit over the range of field sizes and for the range of distances used in radiation therapy, a determination of the coincidence of the radiation field and the field indicated by the light beam localizing device, an assessment of timer constancy and linearity, the calculated on-off error, the determined accuracy of each distance measuring or localization device and the signature of the teletherapy physicist.

Section 335.8100 Periodic Spot-Checks for Teletherapy

a) A licensee authorized to use teletherapy units for medical use shall perform spot-checks on each teletherapy unit at intervals not to exceed one month.

b) To satisfy the requirement of subsection (a), spot-checks shall include the taking of measurements that permit the determination of:

1) Timer constancy and linearity over the range of use;

2) On-off error;

3) The coincidence of the radiation field and the field indicated by the light beam localization device;

4) The accuracy of all distance measuring and localization devices used for medical use;

5) The output for one typical set of operating conditions; and

6) The difference between the measurement made in subsection (b)(5) and the anticipated output, expressed as a percentage of the anticipated value obtained at last full calibration corrected mathematically for physical decay.

c) A licensee shall use the dosimetry system described in Section 335.8080 to make the measurement required in subsection (b)(5) above.

d) A licensee shall perform measurements required by subsection (a) in accordance with written procedures established by the teletherapy physicist. The teletherapy physicist does not need to actually perform the spot-check measurements.

e) A licensee shall have the teletherapy physicist review the results of each spot-check within 15 days. The teletherapy physicist shall, within 15 days, notify the licensee in writing of the results of each spot-check. The licensee shall keep a copy of each written notification for 5 years.

f) A licensee authorized to use a teletherapy unit for medical use shall perform safety spot-checks of each teletherapy facility at intervals not to exceed 1 month. To satisfy this requirement, checks shall assure proper operation of:

1) Electrical interlocks at each teletherapy room entrance;

2) Electrical or mechanical stops installed for the purpose of limiting use of the primary beam of radiation (such as restriction of source housing angulation or elevation, carriage or stand travel and operation of the beam on-off mechanism);

3) Beam condition indicator lights on the teletherapy unit, on the control console and in the facility;

4) Viewing systems;

5) Treatment room doors from inside and outside the treatment room; and

6) Electrically assisted treatment room doors with the teletherapy unit electrical power turned "off".

g) A licensee shall repair or replace any system identified in subsection (f) that is not operating properly.

h) A licensee shall retain a record of each spot-check required by subsections (a) and (f) for 5 years. The record shall include the date of the spot-check, the model and serial number for both the teletherapy unit and source, the model and serial number of the instrument used to measure the output of the teletherapy unit, a determination of the coincidence of the radiation field and the field indicated by the light beam localizing device, an assessment of timer constancy and linearity, the calculated on-off error, the determined accuracy of each distance measuring or localization device, the difference between the anticipated output and the measured output, notations indicating the operability of each entrance door electrical interlock, each electrical or mechanical stop, each beam condition indicator light, the viewing system and doors and the signature of the individual who performed the periodic spot-check.

Section 335.8110 Radiation Surveys for Teletherapy Facilities

a) Before medical use, after each installation of a teletherapy source and after making any change for which an amendment is required by Section 335.8030(a), (b), (c), or (d), the licensee shall perform radiation surveys with an operable radiation measurement survey instrument calibrated in accordance with Section 335.2020 to verify that:

1) The maximum radiation level at 1 meter from the teletherapy source with the source in the off position and the collimators set for a normal treatment field does not exceed 10 mrem (100 uSv) per hour and the average radiation level for the same measurement conditions does not exceed 2 mrem (20 uSv) per hour; and

2) With the teletherapy source in the on position, with the largest clinically available treatment field and with a scattering phantom in the primary beam of radiation, that:

A) Radiation levels in restricted areas will not cause personnel exposures in excess of the limits specified in 32 Ill. Adm. Code 340.1010; and

B) Radiation levels in unrestricted areas do not exceed the limits specified in 32 Ill. Adm. Code 340.1050(a).

h) If the results of the surveys required in subsection (a) indicate any radiation levels in excess of the respective limit specified in that subsection, the licensee shall lock the control in the off position and not use the unit except as may be necessary to repair, replace, or test the teletherapy unit, the teletherapy unit shielding, or the treatment room shielding. The licensee may reinitiate medical use of the unit when measurements indicate the requirements of subsection (a) have been met.

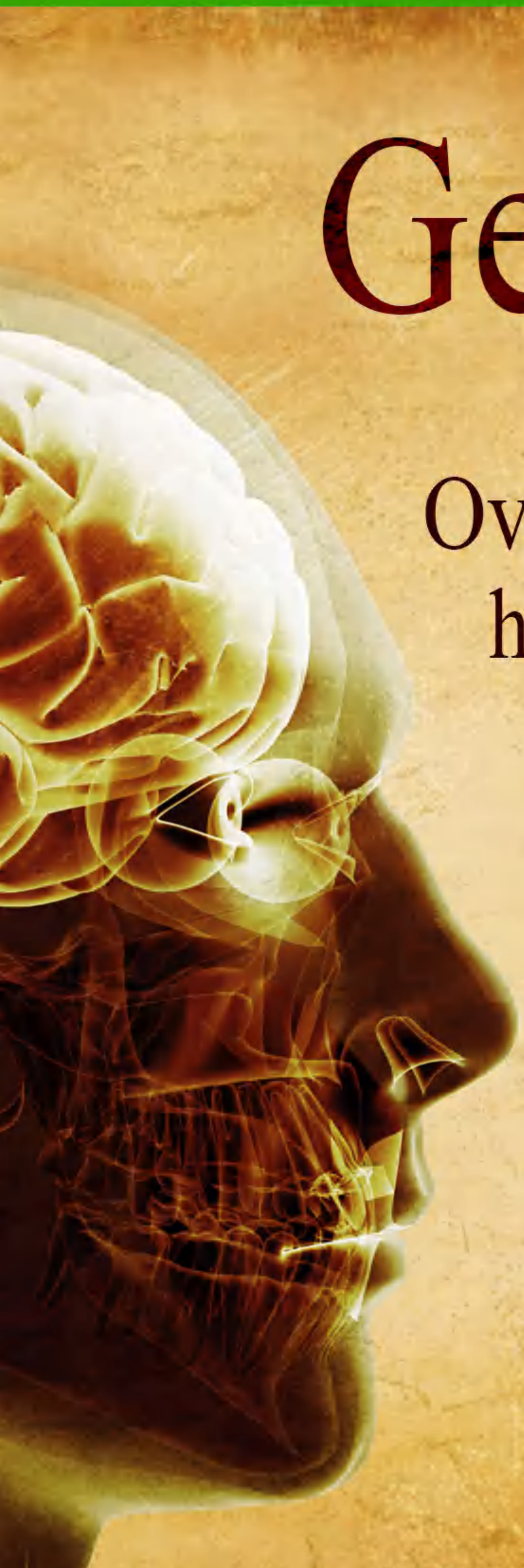
c) A licensee shall retain a record of the radiation measurements made following installation of a source for the duration of the license. The record shall include the date of the measurements, the reason the survey is performed, the manufacturer's name, model and serial number of the teletherapy unit, the source and the instrument used to measure radiation levels, each dose rate measured around the teletherapy source while in the off position and the average of all measurements, a plan of the areas surrounding the treatment room that were surveyed, the measured dose rate at several points in each area expressed in mrem or uSv per hour, the calculated maximum level of radiation over a period of 1 week for each restricted and unrestricted area and the signature of the Radiation Safety Officer or teletherapy physicist.

Section 335.8120 Safety Checks for Teletherapy Facilities

a) A licensee shall check all systems specified in Section 335.8100 for proper function after each installation of a teletherapy source and after making any change for which an amendment is required by Section 335.8030(b), (c), or (d). Such check shall be completed before any patient is treated.

b) If the results of the checks required in subsection (a) indicate the malfunction of any system specified in Section 335.8100, the licensee shall lock the control console in the "off" position and not use the unit except as may be necessary to repair, replace, or check the malfunctioning system.

c) A licensee shall retain, for 5 years, a record of the facility checks following installation of a source. The record shall include notations indicating the operability of each entrance door interlock, each electrical or mechanical stop, each beam condition indicator light, the viewing system, and doors and the signature of the Radiation Safety Officer or teletherapy physicist.



Get Smart

Over 2,000 years of human knowledge in 797,885 volumes

Instant access $8.99/month

Continue

*Fair usage policy applies

D) Radiation biology;

E) Radiopharmaceutical chemistry; and

2) 1 year of full time experience in radiation safety at a medical institution under the supervision of the individual identified as the Radiation Safety Officer on a Department, Agreement State, Licensing State, or U.S. Nuclear Regulatory Commission license that authorizes the medical use of radioactive material; or

d) Be an authorized user for those radioactive material uses that come within the Radiation Safety Officer's responsibilities.

Section 335.9020 Training for Experienced Radiation Safety Officer

An individual identified as a Radiation Safety Officer on a Department, Agreement State, Licensing State, or U.S. Nuclear Regulatory Commission license on the effective date of this Part who oversees only the use of radioactive material for which the licensee was authorized on that date need not comply with the training requirements of Section 335.9010.

Section 335.9030 Training for Uptake, Dilution, or Excretion Studies

Except as provided in Section 335.9160 or 335.9170, a licensee shall require the authorized user of a radiopharmaceutical specified in Section 335.3010 to be a physician who:

a) Is certified in:

1) Nuclear medicine by the American Board of Nuclear Medicine; or

2) Nuclear medicine by the American Board of Osteopathic Nuclear Medicine; or

3) Diagnostic radiology by the American Board of Radiology; or

4) Diagnostic radiology or radiology by the American Osteopathic Board of Radiology; or

h) Has completed 40 hours of instruction in basic radionuclide handling techniques applicable to the use of prepared radiopharmaceuticals, and 20 hours of supervised clinical experience.

1) To satisfy the basic instruction requirement, 40 hours of classroom and laboratory instruction shall include:

A) Radiation physics and instrumentation;

B) Radiation protection;

C) Mathematics pertaining to the use and measurement of radioactivity;

D) Radiation biology; and

E) Radiopharmaceutical chemistry.

2) To satisfy the requirement for 20 hours of supervised clinical experience, training shall be under the supervision of an authorized user at a medical institution and shall include:

A) Examining patients and reviewing their case histories to determine their suitability for radionuclide diagnosis, limitations, or contraindications;

B) Selecting the suitable radiopharmaceuticals and calculating and measuring the dosages;

C) Administering dosages to patients and using syringe radiation shields;

D) Collaborating with the authorized user in the interpretation of radionuclide test results; and

E) Patient follow-up; or

c) Has successfully completed a 6 month training program in nuclear medicine as part of a training program that has been approved by the Accreditation Council for Graduate Medical Education and that included classroom and laboratory training, work experience and supervised clinical experience in all the topics identified in subsection (b).

Section 335.9040 Training for Imaging and Localization Studies

Except as provided in Section 335.9160 or 335.9170, a licensee shall require the authorized user of a radiopharmaceutical, generator, or reagent kit specified in Section 335.4010 to be a physician who:

a) Is certified in:

1) Nuclear medicine by the American Board of Nuclear Medicine; or

DEPARTMENT OF NUCLEAR SAFETY

NOTICE OF ADOPTED RULES

2) Nuclear medicine by the American Board of Osteopathic Nuclear Medicine; or

3) Diagnostic radiology by the American Board of Radiology; or

4) Diagnostic radiology or radiology by the American Osteopathic Board of Radiology; or

b) Has completed 200 hours of instruction in basic radionuclide handling techniques applicable to the use of prepared radiopharmaceuticals, generators, and reagent kits, 500 hours of supervised work experience and 500 hours of supervised clinical experience.

1) To satisfy the basic instruction requirement, 200 hours of classroom and laboratory training shall include:

A) Radiation physics and instrumentation;

B) Radiation protection;

C) Mathematics pertaining to the use and measurement of radioactivity;

D) Radiopharmaceutical chemistry; and

E) Radiation biology.

2) To satisfy the requirement for 500 hours of supervised work experience, training shall be under the supervision of an authorized user at a medical institution and shall include:

A) Ordering, receiving and unpacking radioactive materials safely and performing the related radiation surveys;

B) Calibrating dose calibrators and diagnostic instruments and performing checks for proper operation of survey instruments;

C) Calculating and safely preparing patient dosages;

D) Using administrative controls to prevent the misadministration of radioactive material;

E) Using emergency procedures to contain spilled radioactive material safely and using proper decontamination procedures; and

DEPARTMENT OF NUCLEAR SAFETY

NOTICE OF ADOPTED RULES

F) Eluting technetium-99m from generator systems, assaying and testing the eluate for molybdenum-99 and alumina contamination and processing the eluate with reagent kits to prepare technetium-99m labeled radiopharmaceuticals.

3) To satisfy the requirement for 500 hours of supervised clinical experience, training shall be under the supervision of an authorized user at a medical institution and shall include:

A) Examining patients and reviewing their case histories to determine their suitability for radionuclide diagnosis, limitations, or contraindications;

B) Selecting the suitable radiopharmaceuticals and calculating and measuring the dosages;

C) Administering dosages to patients and using syringe radiation shields;

D) Collaborating with the authorized user in the interpretation of radionuclide test results; and

E) Patient follow-up; or

c) Has successfully completed a 6 month training program in nuclear medicine that has been approved by the Accreditation Council for Graduate Medical Education and that included classroom and laboratory training, work experience and supervised clinical experience in all the topics identified in subsection (b).

Section 335.9050 Training for Therapeutic Use of Radiopharmaceuticals

Except as provided in Section 335.9160, a licensee shall require the authorized user of a radiopharmaceutical specified in Section 335.5010 for therapy to be a physician who:

a) Is certified by:

1) The American Board of Nuclear Medicine; or

2) The American Board of Radiology in radiology, therapeutic radiology, or radiation oncology; or

b) Has completed 80 hours of instruction in basic radionuclide handling techniques applicable to the use of therapeutic radiopharmaceuticals, and has had supervised clinical experience.

1) To satisfy the requirement for instruction, 80 hours of classroom and laboratory training shall include:

A) Radiation physics and instrumentation;

B) Radiation protection;

C) Mathematics pertaining to the use and measurement of radioactivity; and

O) Radiation biology;

2) To satisfy the requirement for supervised clinical experience, training shall be under the supervision of an authorized user at a medical institution and shall include:

.A) Use of iodine-131 for diagnosis of thyroid function and the treatmont of hyperthyroidism or cardiac dysfunction in ten individuals; and

B) Use of iodine-131 for treatment of thyroid carcinoma in three individuals.

Section 335.9060 Training for Treatment of Hyperthyroidism

Except as provided in Section 335.9160, the licensee shall require the authorized user of only iodine-131 for the treatment of hyperthyroidism to be a physician with experience in the diagnosis and treatment of thyroid disease, who has had classroom and laboratory training in basic radionuclide handling techniques applicable to the use of iodine-131 for treatment of hyperthyroidism, and supervised clinical experience as follows:

a) 80 hours of classroom and laboratory training that includes:

1) Radiation physics and instrumentation;

2) Radiation protection;

3) Mathematics pertaining to the use and measurement of radioactivity;

4) Radiation biology; and

h) Supervised clinical experience under the supervision of an authorized user that includes the use of iodine-131 for diagnosis of thyroid function, and the treatment of hyperthyroidism in 10 individuals.

Section 335.9070 Training for Treatment of Thyroid Carcinoma

Except as provided in Section 335.9160, the licensee shall require the authorized user of only iodine-131 for the treatment of thyroid carcinoma to be a physician, with experience in the diagnosis and treatment of thyroid disease, who has had classroom and laboratory training in basic radionuclide handling techniques applicable to the use of iodine-131 for treatment of thyroid carcinoma, and supervised clinical experience as follows:

a) 80 hours of classroom and laboratory training that includes:

1) Radiation physics and instrumentation;

2) Radiation protection;

3) Mathematics pertaining to the use and measurement of radioactivity;

4) Radiation biology; and

h) Supervised clinical experience under the supervision of an authorized user that includes the use of iodine-131 for the treatment of thyroid carcinoma in 3 individuals.

Section 335.9080 Training for Therapeutic Use of Soluble Phosphorus-32

Except as provided in Section 335.9160, the licensee shall require the authorized user of only soluble phosphorus-32 for therapy to be a physician who has had classroom and laboratory training in basic radionuclide handling techniques applicable to the use of soluble phosphorus-32 for therapy and supervised clinical experience as follows:

a) 80 hours of classroom and laboratory training that includes:

1) Radiation physics and instrumentation;

2) Radiation protection;

3) Mathematics pertaining to the use and measurement of radioactivity;

4) Radiation biology; and

SAVE $3,999,994

Did you know we sell paperback books too?

To buy our entire catalog in paperback would cost over $4,000,000

Access it all now for $8.99/month

*Fair usage policy applies

Continue

DEPARTMENT OF NUCLEAR SAFETY

NOTICE OF ADOPTED RULES

American Osteopathic Association, and an additional 2 years of clinical experience in therapeutic radiology under the supervision of an authorized user at a medical institution. The supervised clinical experience shall include:

A) Examining individuals and reviewing their case histories to determine their suitability for brachytherapy treatment, and any limitations or contraindications;

B) Selecting the proper brachytherapy sources, dose and method of administration;

C) Calculating the dose; and

D) Post-administration follow-up and review of case histories in collaboration with an authorized user.

Section 335.9120 Training for Ophthalmic Use of Strontium-90

Except as provided in Section 335.9160, the licensee shall require the authorized user using only strontium-90 for ophthalmic radiation therapy to be a physician who:

a) Is certified in radiology or therapeutic radiology by the American Board of Radiology; or

b) Is in the practice of therapeutic radiology or ophthalmology, and has completed 24 hours of instruction in basic radionuclide handling techniques applicable to the use of strontium-90 for ophthalmic radiation therapy and supervised clinical training in ophthalmic radiation therapy.

1) To satisfy the requirement for instruction, the classroom and laboratory training shall include:

A) Radiation physics and instrumentation;

B) Radiation protection;

C) Mathematics pertaining to the use and measurement of radioactivity; and

D) Radiation biology.

2) To satisfy the requirement for supervised clinical training in ophthalmic radiation therapy, training shall be under the supervision of an authorized user at a medical institution and

DEPARTMENT OF NUCLEAR SAFETY

NOTICE OF ADOPTED RULES

must include the use of strontium-90 for the ophthalmic treatment of 5 individuals that includes:

A) Examination of each individual to be treated;

B) Calculation of the dose to be administered;

C) Administration of the dose; and

D) Follow-up and review of each individual's case history.

Section 335.9130 Training for Use of Sealed Sources for Diagnosis

Except as provided in Section 335.9160, the licensee shall require the authorized user using a sealed source in a device specified in Section 335.6010 to be a physician, dentist, or podiatrist who:

a) Is certified in:

1) Radiology, diagnostic radiology, therapeutic radiology, or radiation oncology by the American Board of Radiology; or

2) Nuclear medicine by the American Board of Nuclear Medicine; or

3) Diagnostic radiology or radiology by the American Osteopathic Board of Radiology; or

b) Has completed 8 hours of instruction in basic radionuclide handling techniques specifically applicable to the use of the device. To satisfy the requirement for instruction, the training shall include:

1) Radiation physics, mathematics pertaining to the use and measurement of radioactivity and instrumentation;

2) Radiation biology; and

3) Radiation protection and training in the use of the device for the purposes authorized by the license.

Section 335.9140 Training for Teletherapy

Except as provided in Section 335.9160, the licensee shall require the authorized user of a sealed source specified in Section 335.8010 in a teletherapy unit to be a physician who:

a) Is certified in:

DEPARTMENT OF NUCLEAR SAFETY

NOTICE OF ADOPTED RULES

1) Radiology, therapeutic radiology, or radiation oncology by the American Board of Radiology; or

2) Radiation oncology by the American Osteopathic Board of Radiology; or

3) Radiology, with specialization in radiation therapy, as a British "Fellow of the Faculty of Radiology" or "Fellow of the Royal College of Radiology"; or

4) Therapeutic radiology by the Canadian Royal College of Physicians and Surgeons; or

b) Is in the practice of therapeutic radiology, and has completed 200 hours of instruction in basic radionuclide techniques applicable to the use of a sealed source in a teletherapy unit, 500 hours of supervised work experience and a minimum of 3 years of supervised clinical experience.

1) To satisfy the requirement for instruction, the classroom and laboratory training shall include:

A) Radiation physics and instrumentation;

B) Radiation protection;

C) Mathematics pertaining to the use and measurement of radioactivity; and

D) Radiation biology.

2) To satisfy the requirement for supervised work experience, training shall be under the supervision of an authorized user at an institution and shall include:

A) Review of the full calibration measurements and periodic spot checks;

B) Preparing treatment plans and calculating treatment times;

C) Using administrative controls to prevent misadministrations;

D) Implementing emergency procedures to be followed in the event of the abnormal operation of a teletherapy unit or console; and

DEPARTMENT OF NUCLEAR SAFETY

NOTICE OF ADOPTED RULES

E) Performing checks for proper operation of survey instruments.

3) To satisfy the requirement for a period of supervised clinical experience, training shall include 1 year in a training program approved by the Residency Review Committee for Radiology of the Accreditation Council for Graduate Medical Education or the Committee on Postdoctoral Training of the American Osteopathic Association and an additional 2 years of clinical experience in therapeutic radiology under the supervision of an authorized user at a medical institution. The supervised clinical experience shall include:

A) Examining individuals and reviewing their case histories to determine their suitability for teletherapy treatment, and any limitations or contraindications;

B) Selecting the proper dose and how it is to be administered;

C) Calculating the teletherapy doses and collaborating with the authorized user in the review of patients' progress and consideration of the need to modify originally prescribed doses as warranted by patients' reaction to radiation; and

D) Post-administration follow-up and review of case histories.

Section 335.9150 Training for Teletherapy Physicist

The licensee shall require the teletherapy physicist to:

a) Be certified by the American Board of Radiology in:

1) Therapeutic radiological physics; or

2) Roentgen ray and gamma ray physics; or

3) X-ray and radium physics; or

4) Radiological physics; or

b) Hold a master's degree or doctorate in physics, biophysics, radiological physics, or health physics, and have completed 1 year of full-time training in therapeutic radiological physics and also 1 year of full-time work experience under the supervision of a

DEPARTMENT OF NUCLEAR SAFETY

NOTICE OF ADOPTED RULES

teletherapy physicist at a medical institution. To meet this requirement, the individual shall have performed the tasks specified in Sections 335.2070, 335.9020, 335.9030, and 335.9040 under the supervision of a teletherapy physicist during the year of work experience.

Section 335.9160 Training for Experienced Authorized Users

Practitioners of the healing arts identified as authorized users for the human use of radioactive material on a Department, an Agreement State, a Licensing State, or U.S. Nuclear Regulatory Commission license on July 15, 1991, who perform only those methods of use for which they were authorized on that date need not comply with the training requirements of Sections 335.9010 through 335.9180.

Section 335.9170 Physician Training in a Three Month Program

A physician who, before July 1, 1984, began a 3 month nuclear medicine training program approved by the Accreditation Council for Graduate Medical Education and who has successfully completed the program is exempted from the requirements of Sections 335.9030 or 335.9040.

Section 335.9180 Recentness of Training

The training and experience specified in Sections 335.9010 through 335.9150 shall have been obtained within the 5 years preceding the date of application or the individual shall have had related continuing education and experience in the items listed in the applicable section since the required training and experience was completed.

AGENCY NOTE: Individuals specifically listed on an active Department, Agreement State, Licensing State, or U.S. Nuclear Regulatory Commission license as an authorized user, Radiation Safety Officer or teletherapy physicist are considered to have met the recentness in training requirements for only those procedures for which they were authorized.

Section 335.9190 Resolution of Conflicting Requirements During Transition Period

If the rules in this Part conflict with the licensee's radiation safety program as identified in its license, this Part shall apply, unless the statements, representations, conditions and procedures in the license are more restrictive. However, if that licensee exercises its privilege to amend its license, the portion amended must comply with the requirements of this Part.

DEPARTMENT OF NUCLEAR SAFETY

NOTICE OF ADOPTED REPEALER

1) Heading of the Part: USE OF SEALED RADIOACTIVE SOURCES IN THE HEALING ARTS

2) Code Citation: 32 Ill. Adm. Code 370

3)

Section Number:	Adopted Action:
370.10	Repealed
370.20	Repealed
370.25	Repealed
370.30	Repealed
370.40	Repealed

4) Statutory Authority: Implementing and authorized by the Radiation Protection Act of 1990 (Ill. Rev. Stat. 1990 Supp., ch. 111 1/2, par. 210-1 et seq.).

5) Effective Date of Repealer: July 15, 1991

6) Does this rulemaking contain an automatic repeal date? No

7) Does this repealer contain incorporations by reference? No

8) Date Filed in Agency's Principal Office: July 5, 1991

9) Notice of Proposal Published in Illinois Register:

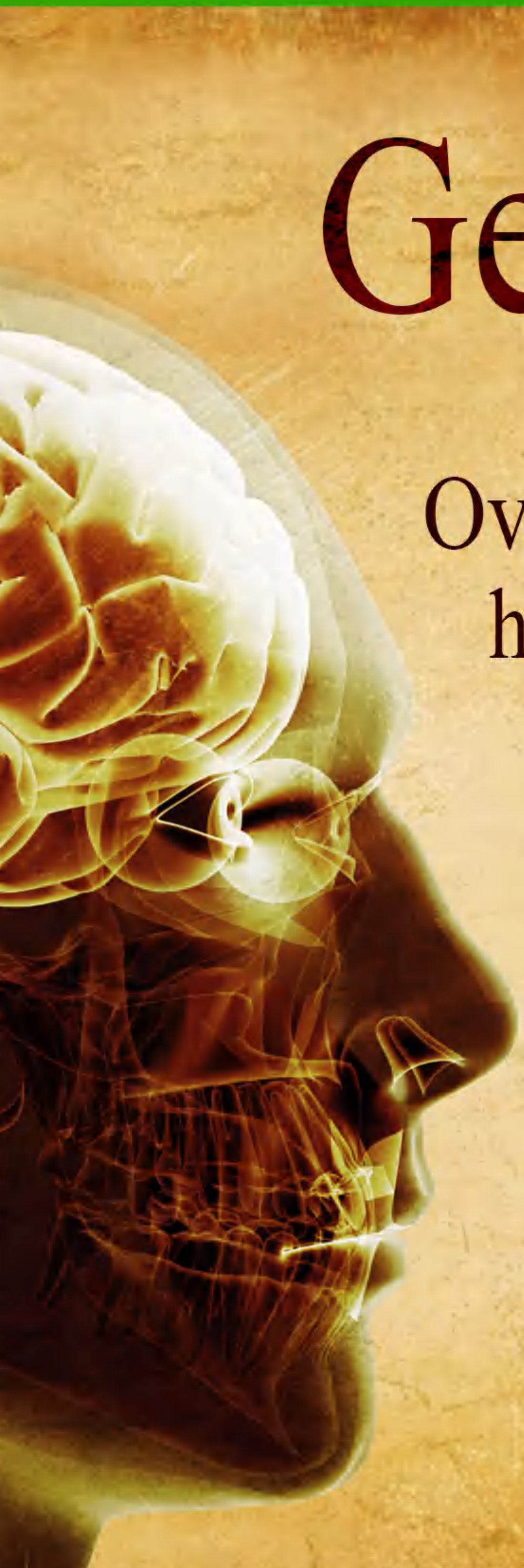
July 20, 1990, 14 Ill. Reg. 11653

10) Has JCAR issued a Statement of Objections to this rule? No

11) Difference(s) between proposal and final version: None

12) Have all the changes agreed upon by the agency and JCAR been made as indicated in the agreement letter issued by JCAR? The Joint Committee on Administrative Rules did not issue an agreement letter for this repealer. On May 16, 1991, the Joint Committee did recommend that the Department refrain from adopting this repealer until the Department adopts new rules entitled "Use of Radioactive Materials in the Healing Arts", 32 Ill. Adm. Code 335. The recommendation was published in the Illinois Register on May 31, 1991, 15 Ill. Reg. 8316. The Department agreed with this recommendation and has submitted the adopted new rule, 32 Ill. Adm. Code 335, for publication elsewhere in this issue of the Illinois Register.

13) Will this repealer replace an emergency repealer currently in effect? No



Get Smart

Over 2,000 years of human knowledge in 797,885 volumes

Instant access $8.99/month

Continue

*Fair usage policy applies

DEPARTMENT OF PROFESSIONAL REGULATION

NOTICE OF CORRECTION TO NOTICE ONLY

~~d)~~ e) No licensee ~~salesperson~~ shall list his name under the heading or title "Real Estate" in the telephone directory or otherwise advertise in his own name to the general public through any media of advertising as being in the real estate business without listing the business name of the broker with whom he is affiliated. Printed information relating to the licensee ~~salesperson~~ and his name cannot be larger in size than that pertaining to the broker's business name.

(Source: Amended at 15 Ill. Reg. 10416, effective July 1, 1991)

Section 1450.100 Discrimination

a) Pursuant to Section 18(h)(22) of the Act, ~~N~~no licensee shall enter into a listing agreement which prohibits the sale or rental of real estate to any person because of race, color, creed, religion, national origin, sex, ~~or physical~~ handicap, or familial status.

b) No licensee shall act or undertake to act as a real estate broker or real estate salesperson with respect to any property the disposition of which is prohibited to any person because of race, color, creed, religion, national origin, sex, ~~or physical~~ handicap, or familial status.

c) A judgment or conviction in any court of competent jurisdiction that any licensee or applicant for licensure has violated any constitutional or statutory provision prohibiting discrimination in housing shall be deemed a demonstration of "unworthiness or incompetency to act as a real estate broker or salesperson in such manner as to endanger ~~safeguard~~ the interests of the public" and is subject to discipline pursuant to ~~as set forth in~~ Section 18(h)(12) ~~(e)(11)~~ of the Act.

(Source: Amended at 15 Ill. Reg. 10416, effective July 1, 1991)

Section 1450.140 Assumed Name

If a real estate broker operates under any name other than that appearing on his license, he shall ~~must~~ submit a certified copy of his registration under "An Act in relation to the use of an assumed name in the conduct or transaction of business in this State." (Ill. Rev. Stat. 1989 ~~1983~~, ch. 96, par. 4 et seq.) at the time of application or within ~~thirty~~ (30) days of such registration.

(Source: Amended at 15 Ill. Reg. 10416 effective July 1, 1991)

COMMISSIONER OF BANKS AND TRUST COMPANIES

NOTICE OF PUBLIC INFORMATION

NOTICE OF ACCEPTANCE OF AN APPLICATION BY
NBD BANCORP, INC., DETROIT, MICHIGAN, TO ACQUIRE
FNW BANCORP, INC., MOUNT PROSPECT, ILLINOIS

Pursuant to Section 3.071(d) of the Illinois Bank Holding Company Act of 1957 (Ill. Rev. Stat. 1989, ch. 17, par. 2510.01(d)), notice is hereby given that the Commissioner of Banks and Trust Companies has accepted for processing an application by NBD Bancorp, Inc., 611 Woodward Avenue, Detroit, Michigan 48226, to acquire FNW Bancorp, Inc., 55 East Euclid Avenue, Mount Prospect, Illinois 60056.

Interested persons who desire to comment on this proposed acquisition may submit their comments in writing no later than 14 days after the publication of this notice to either:

Jerry D. Cavanaugh
Thomas W. Stephans
Commissioner of Banks and Trust Companies
Room 100 Reisch Building
117 South Fifth Street
Springfield, Illinois 62701

JOINT COMMITTEE ON ADMINISTRATIVE RULES
STATE OF ILLINOIS CENTER
ROOM 16-503
CHICAGO, ILLINOIS
10:00 A.M.
JULY 23, 1991

NOTICE: It is the policy of the Committee to allow only representatives of state agencies to testify orally on any rule under consideration at Committee hearings. If members of the public wish to express their views with respect to a proposed rule, they should submit written comments to the Office of the Joint Committee on Administrative Rules at the following address:

Joint Committee on Administrative Rules
509 South Sixth Street
Room 500
Springfield, Illinois 62701

AGENDA

I. Approval of June 11, 1991 Minutes

II. Review of Proposed Agency Rulemaking

Department of Central Management Services

1. Pay Plan (80 Ill. Adm. Code 310)
-First Notice Published: 15 Ill. Reg. 5147 - 4-12-91
-Expiration of Second Notice Period: 7-22-91

2. Conditions of Employment (80 Ill. Adm. Code 303)
-First Notice Published: 15 Ill. Reg. 4801 - 4-5-91
-Expiration of Second Notice Period: 7-29-91

3. Pay Plan (80 Ill. Adm. Code 310)
-First Notice Published: 15 Ill. Reg. 6364 - 5-3-91
-Expiration of Second Notice Period: 8-5-91

Illinois Commerce Commission

4. Repeal of Telephone Assistance Programs (83 Ill. Adm. Code 757)
-First Notice Published: 15 Ill. Reg. 4803 - 4-5-91
-Expiration of Second Notice Period: 8-1-91

Department of Commerce and Community Affairs

5. Training Services for the Disadvantaged (56 Ill. Adm. Code 2610)
-First Notice Published: 15 Ill. Reg. 3641 - 3-15-91
-Expiration of Second Notice Period: 7-22-91

JOINT COMMITTEE ON ADMINISTRATIVE RULES

AGENDA

6. Economic Dislocation and Worker Adjustment Assistance (56 Ill. Adm. Code 2625)
-First Notice Period: 14 Ill. Reg. 19495 - 12-14-90
-Expiration of Second Notice Period: 7-22-91

7. Service Delivery System and State Responsibilities (56 Ill. Adm. Code 2600)
-First Notice Published: 15 Ill. Reg. 691 - 1-25-91
-Expiration of Second Notice Period: 7-29-91

Department of Conservation

8. Dog Training on Department-Owned or Managed Sites (17 Ill. Adm. Code 950)
-First Notice Published: 15 Ill. Reg. 6807 - 5-10-91
-Expiration of Second Notice Period: 8-9-91

9. Muskrat, Mink, Raccoon, Opossum, Striped Skunk, Weasel, Red Fox, Gray Fox, Coyote and Woodchuck (Groundhog) Trapping (17 Ill. Adm. Code 570)
-First Notice Published: 15 Ill. Reg. 6811 - 5-10-91
-Expiration of Second Notice Period: 8-9-91

10. Raccoon, Opossum, Striped Skunk, Red Fox, Gray Fox, Coyote and Woodchuck (Groundhog) Hunting (17 Ill. Adm. Code 550)
-First Notice Published: 15 Ill. Reg. 6823 - 5-10-91
-Expiration of Second Notice Period: 8-9-91

11. The Taking of Wild Turkeys - Fall Archery Season (17 Ill. Adm. Code 720)
-First Notice Published: 15 Ill. Reg. 6836 - 5-10-91
-Expiration of Second Notice Period: 8-15-91

12. The Taking of Wild Turkeys-Fall Gun Season (17 Ill. Adm. Code 715)
-First Notice Published: 15 Ill. Reg. 6842 - 5-10-91
-Expiration of Second Notice Period: 8-15-91

13. White-Tailed Deer Hunting Season by Use of Muzzleloading Rifles (17 Ill. Adm. Code 660)
-First Notice Published: 15 Ill. Reg. 6851 - 5-10-91
-Expiration of Second Notice Period: 8-15-91

JOINT COMMITTEE ON ADMINISTRATIVE RULES

AGENDA

Department of Corrections

14. Safety, Maintenance and Sanitation (20 Ill. Adm. Code 502)
-First Notice Published: 15 Ill. Reg. 5935 - 4-26-91
-Expiration of Second Notice Period: 7-29-91

Department of Employment Security

15. Disqualifying Income and Reduced Benefits (56 Ill. Adm. Code 2920)
-First Notice Published: 15 Ill. Reg. 5495 - 4-19-91
-Expiration of Second Notice Period: 7-25-91

16. Employment (56 Ill. Adm. Code 2732)
-First Notice Published: 15 Ill. Reg. 6382 - 5-3-91
-Expiration of Second Notice Period: 8-5-91

Department of Insurance

17. Repeal of Policyholder Security Deposit Act (50 Ill. Adm. Code 918)
-First Notice Published: 15 Ill. Reg. 2899 - 2-22-91
-Expiration of Second Notice Period: 7-22-91

Local Records Commission

18. Local Records Commission (44 Ill. Adm. Code 4000)
-First Notice Published: 15 Ill. Reg. 6882 - 5-10-91
-Expiration of Second Notice Period: 8-5-91

Illinois Student Assistance Commission

19. Limitation, Suspension, or Termination Proceedings (3 Ill. Adm. Code 2790)
-First Notice Published: 15 Ill. Reg. 5034 - 4-5-91
-Expiration of Second Notice Period: 8-12-91

Department of Mines and Minerals

20. Areas Designated by Act of Congress (62 Ill. Adm. Code 1761)
-First Notice Published: 15 Ill. Reg. 1212 - 2-1-91
-Expiration of Second Notice Period: 8-8-91

21. Exemption of Coal Extraction Incidental to the Extraction of Other Minerals (62 Ill. Adm. Code 1702)
-First Notice Published: 15 Ill. Reg. 1221 - 2-1-91
-Expiration of Second Notice Period: 8-8-91

JOINT COMMITTEE ON ADMINISTRATIVE RULES

AGENDA

22. General (62 Ill. Adm. Code 1700)
-First Notice Published: 15 Ill. Reg. 1235 - 2-1-91
-Expiration of Second Notice Period: 8-8-91

23. General Definitions (62 Ill. Adm. Code 1701)
-First Notice Published: 15 Ill. Reg. 1242 - 2-1-91
-Expiration of Second Notice Period: 8-8-91

24. Permanent Program Performance Standards--Surface Mining Activities (62 Ill. Adm. Code 1816)
-First Notice Published: 15 Ill. Reg. 1266 - 2-1-91
-Expiration of Second Notice Period: 8-8-91

25. Permanent Program Performance Standards--Underground Mining Activities (62 Ill. Adm. Code 1817)
-First Notice Published: 15 Ill. Reg. 1314 - 2-1-91
-Expiration of Second Notice Period: 8-8-91

26. Requirements for Coal Exploration (62 Ill. Adm. Code 1772).
-First Notice Published: 15 Ill. Reg. 1347 - 2-1-91
-Expiration of Second Notice Period: 8-8-91

27. Permit Applications--Minimum Requirements for Legal, Financial, Compliance, and Related Information (62 Ill. Adm. Code 1778)
-First Notice Published: 15 Ill. Reg. 1342 - 2-1-91
-Expiration of Second Notice Period: 8-8-91

28. Requirements for Permits and Permit Processing (62 Ill. Adm. Code 1773)
-First Notice Published: 15 Ill. Reg. 1352 - 2-1-91
-Expiration of Second Notice Period: 8-8-91

29. Revision, Renewal and Transfer, Assignment or Sale of Permit Rights (62 Ill. Adm. Code 1774)
-First Notice Published: 15 Ill. Reg. 1363 - 2-1-91
-Expiration of Second Notice Period: 8-8-91

30. Special Program Performance Standards on Prime Farmland (62 Ill. Adm. Code 1823)
-First Notice Published: 15 Ill. Reg. 1368 - 2-1-91
-Expiration of Second Notice Period: 8-8-91

31. Surface Mining Permit Application--Minimum Requirements for Reclamation and Operation Plan (62 Ill. Adm. Code 1780)
-First Notice Published: 15 Ill. Reg. 01374 - 2-1-91
-Expiration of Second Notice Period: 8-8-91

SAVE $3,999,994

Did you know we sell paperback books too?

To buy our entire catalog in paperback would cost over $4,000,000

Access it all now for $8.99/month

*Fair usage policy applies

Continue

JOINT COMMITTEE ON ADMINISTRATIVE RULES

AGENDA

53. Related Program Provisions (89 Ill. Adm. Code 117)
-First Notice Published: 15 Ill. Reg. 6435 - 5-3-91
-Expiration of Second Notice Period: 8-5-91

54. Developmental Disabilities Services (89 Ill. Adm. Code 144)
-First Notice Published: 15 Ill. Reg. 816 - 1-25-91
-Expiration of Second Notice Period: 8-9-91

55. Food Stamps (89 Ill. Adm. Code 121.63)
-First Notice Published: 15 Ill. Reg. 6922 - 5-10-91
-Expiration of Second Notice Period: 8-9-91

56. Food Stamps (89 Ill. Adm. Code 121.91)
-First Notice Published: 15 Ill. Reg. 6922 - 5-10-91
-Expiration of Second Notice Period: 8-9-91

57. Aid to the Aged, Blind or Disabled (89 Ill. Adm. Code 113)
-First Notice Published: 15 Ill. Reg. 6913 - 5-10-91
-Expiration of Second Notice Period: 8-9-91

58. Medical Assistance Programs (89 Ill. Adm. Code 120)
-First Notice Published: 15 Ill. Reg. 6937 - 5-10-91
-Expiration of Second Notice Period: 8-12-91

59. Medical Assistance Programs (89 Ill. Adm. Code 120)
-First Notice Published: 15 Ill. Reg. 7468 - 5-17-91
-Expiration of Second Notice Period: 8-16-91

60. Aid to the Aged, Blind or Disabled (89 Ill. Adm. Code 113)
-First Notice Published: 15 Ill. Reg. 7444 - 5-17-91
-Expiration of Second Notice Period: 8-16-91

Department of Public Health

61. Maternal and Child Health Services Code (77 Ill. Adm. Code 630)
-First Notice Published: 14 Ill. Reg. 15726 - 9-28-90
-Expiration of Second Notice Period: 8-5-91

62. The Vital Records Act (77 Ill. Adm. Code 500)
-First Notice Published: 15 Ill. Reg. 3422 - 3-8-91
-Expiration of Second Notice Period: 8-9-91

63. The Vital Records Act (77 Ill. Adm. Code 500)
-First Notice Published: 14 Ill. Reg. 17452 - 10-26-90
-Expiration of Second Notice Period: 8-9-91

JOINT COMMITTEE ON ADMINISTRATIVE RULES

AGENDA

Illinois Racing Board

64. Licensing (11 Ill. Adm. Code 502)
-First Notice Published: 15 Ill. Reg. 5609 - 4-19-91
-Expiration of Second Notice Period: 7-25-91

65. Medication (11 Ill. Adm. Code 509)
-First Notice Published: 15 Ill. Reg. 5614 - 4-19-91
-Expiration of Second Notice Period: 7-25-91

66. Over/Under Rules (11 Ill. Adm. Code 419)
-First Notice Published: 15 Ill. Reg. 6976 - 5-10-91
-Expiration of Second Notice Period: 8-16-91

67. Pick Four and Pick Five Rules (11 Ill. Adm. Code 416)
-First Notice Published: 15 Ill. Reg. 6979 - 5-10-91
-Expiration of Second Notice Period: 8-16-91

68. Pick N Wagering Pool (11 Ill. Adm. Code 438)
-First Notice Published: 15 Ill. Reg. 6982 - 5-10-91
-Expiration of Second Notice Period: 8-16-91

69. PPT Rules (11 Ill. Adm. Code 418)
-First Notice Published: 15 Ill. Reg. 6985 - 5-10-91
-Expiration of Second Notice Period: 8-16-91

70. Pick Six Rules (11 Ill. Adm. Code 417)
-First Notice Published: 15 Ill. Reg. 6988 - 5-10-91
-Expiration of Second Notice Period: 8-16-91

Department of Rehabilitation Services

71. Rules of Conduct (89 Ill. Adm. Code 827)
-First Notice Published: 14 Ill. Reg. 18182 - 11-9-90
-Expiration of Second Notice Period: 7-15-91

Department of Revenue

72. Motor Fuel Tax (86 Ill. Adm. Code 500)
-First Notice Published: 14 Ill. Reg. 5017 - 4-5-91
-Expiration of Second Notice Period: 8-9-91

73. Retailers' Occupation Tax (86 Ill. Adm. Code 130)
-First Notice Published: 15 Ill. Reg. 5021 - 4-5-91
-Expiration of Second Notice Published: 8-9-91

JOINT COMMITTEE ON ADMINISTRATIVE RULES

AGENDA

Department of Transportation

74. Driving and Parking (92 Ill. Adm. Code 397)
-First Notice Published: 15 Ill. Reg. 6991 - 5-10-91
-Expiration of Second Notice Period: 8-12-91

75. Driving of Motor Vehicles (92 Ill. Adm. Code 392)
-First Notice Published: 15 Ill. Reg. 6994 - 5-10-91
-Expiration of Second Notice Period: 8-12-91

76. Hours of Service of Drivers (92 Ill. Adm. Code 395)
-First Notice Published: 15 Ill. Reg. 6997 - 5-10-91
-Expiration of Second Notice Period: 8-12-91

77. Inspection, Repair, and Maintenance (92 Ill. Adm. Code 396)
-First Notice Published: 15 Ill. Reg. 7003 - 5-10-91
-Expiration of Second Notice Period: 8-12-91

78. Motor Carrier Safety Regulations: General (92 Ill. Adm. Code 390)
-First Notice Published: 15 Ill. Reg. 7008 - 5-10-91
-Expiration of Second Notice Period: 8-12-91

79. Parts and Accessories Necessary for Safe Operation (92 Ill. Adm. Code 393)
-First Notice Published: 15 Ill. Reg. 7022 - 5-10-91
-Expiration of Second Notice Period: 8-12-91

80. Qualification of Drivers (92 Ill. Adm. Code 391)
-First Notice Published: 15 Ill. Reg. 7026 - 5-10-91
-Expiration of Second Notice Period: 8-12-91

III. Certification of No Objection to Proposed Rulemaking

IV. Review of Emergency Rulemaking and Peremptory Rulemaking

Department of Agriculture

81. Meat and Poultry Inspection Act (8 Ill. Adm. Code 125) (Peremptory)
-Notice Published: 15 Ill. Reg. 8714 - 6-14-91

Motor Vehicle Theft Prevention Council

82. Trust Fund Collection Rules (20 Ill. Adm. Code 1800) (Emergency)
-Notice Published: 15 Ill. Reg. 8706 - 6-14-91

JOINT COMMITTEE ON ADMINISTRATIVE RULES

AGENDA

Department of Professional Regulation

83. Medical Practice Act of 1987 (68 Ill. Adm. Code 1285) (Emergency)
-Notice Published: 15 Ill. Reg. 7785 - 5-17-91

Department of Public Aid

84. Special Eligibility Groups (89 Ill. Adm. Code 118) (Emergency)
-Notice Published: 15 Ill. Reg. 8708 - 6-14-91

V. Agency Responses to Joint Committee Statements of Objection

Department of Public Aid

85. Aid to the Aged, Blind or Disabled; 89 Ill. Adm. Code 113
-First Published: 15 Ill. Reg. 1111 - January 25, 1991
-Objection Date: March 19, 1991
-Response: Refusal

VI. Exempt Rulemakings

Pollution Control Board

86. Hazardous Waste Management System; General (35 Ill. Adm. Code 720)
-Proposed Date: 5-24-90
-Adopted Date: 8-31-90

87. Identification and Listing of Hazardous Waste (35 Ill. Adm. Code 721)
-Proposed Date: 5-24-90
-Adopted Date: 8-31-90

JOINT COMMITTEE ON ADMINISTRATIVE RULES
ILLINOIS GENERAL ASSEMBLY

SECOND NOTICES RECEIVED

The following second notices were received by the Joint Committee on Administrative Rules during the period of July 3, 1991 through July 9, 1991, and have been scheduled for review by the Committee at its July 23, 1991 meeting. Other items not contained in this published list may also be considered by the Committee at its July meeting. Members of the public wishing to express their views with respect to a proposed rule should submit written comments to the Committee at the following address: Joint Committee on Administrative Rules, 509 South Sixth Street, Room 500, Springfield, IL 62701.

Second Notice Expires	Agency and Rule	Start of First Notice	Scheduled for Consideration by JCAR
8/19/91	Department of Mines and Minerals, Requirements for Permits and Permit Processing (62 Ill. Adm. Code 1773)	3/8/91 15 Ill. Reg. 3393	July 23, 1991

PROCLAMATION

91-313
BLACK EXPO WEEK
(Revised)

Whereas, Black Expo Chicago held in 1990 attracted approximately 100,000 Illinois residents and visitors from neighboring states; and

Whereas, Black Expo Chicago brings together majority, minority, and African-American consumers, affording each an opportunity to have direct interface with the others for a common advantage; and

Whereas, organizers are now planning 1991 Black Expo Chicago to be held July 12-14 at McCormick Place-Donnelley Hall. This event will provide an array of activities that are interesting, impactful, and educational, which will enrich and enlighten African-Americans of varying lifestyles; and

Whereas, Black Expo Chicago attendees will receive information on economics, business, education, health care, and job placement via seminars, demonstrations, and lectures, making a positive contribution to the community;

Therefore, I, Jim Edgar, Governor of the State of Illinois, proclaim July 7-14, 1991, as BLACK EXPO WEEK in Illinois and urge all citizens to take cognizance of the activities planned for this exposition.

Issued by the Governor July 1, 1991.

Filed with the Secretary of State July 8, 1991.

91-326
SPECIAL ELECTION RESULTS - 15TH CONGRESSIONAL DISTRICT

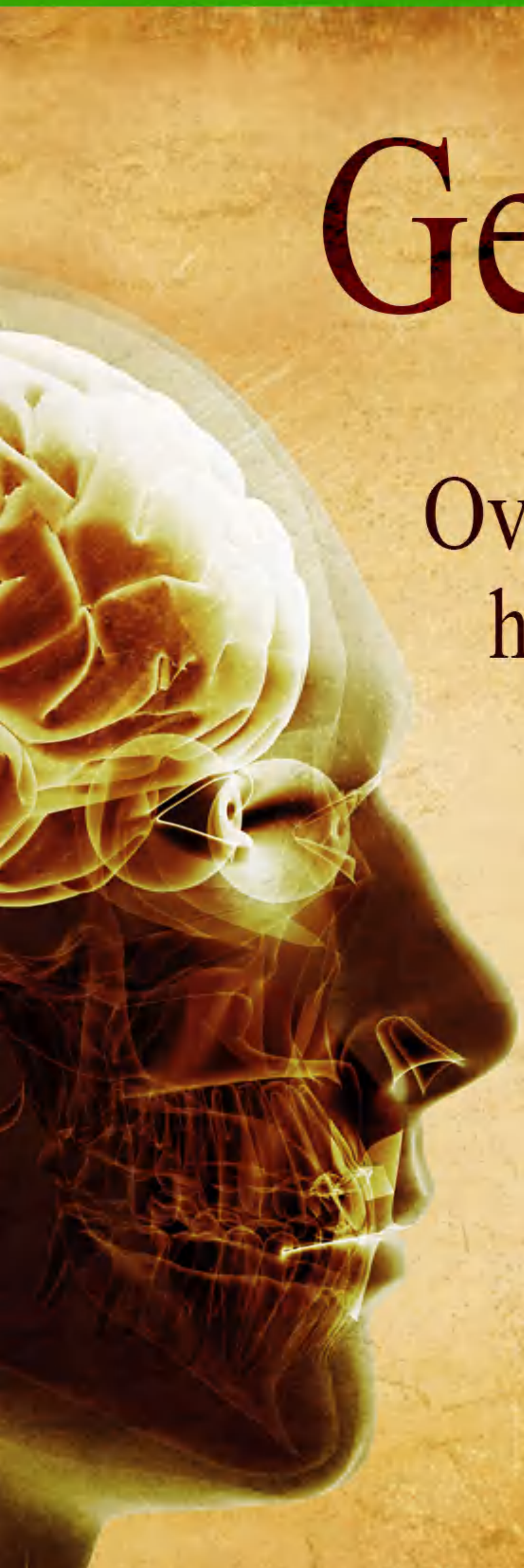
Whereas, On the 2nd day of July, 1991, a Special Election was held in the State of Illinois for the election of the following officer, to wit:

One (1) Representative In Congress, to wit: One (1) Representative In Congress from the Fifteenth (15) Congressional District of the State for the unexpired term to fill the vacancy created by the resignation of Edward R. Madigan;

Whereas, In pursuant of law, the State Board of Elections appointed to canvass the returns of such Special Election and to declare the results thereof, did, on this the 5th day of July, 1991, canvass the same, and as a result of such canvass, did declare elected the following named person to the office of Representative In Congress, Fifteenth Congressional District:

REPRESENTATIVE TO REPRESENT THE PEOPLE OF THE STATE OF ILLINOIS IN THE 102ND CONGRESS OF THE UNITED STATES

FIFTEENTH CONGRESSIONAL DISTRICT
Thomas W. Ewing



Get Smart

Over 2,000 years of human knowledge in 797,885 volumes

Instant access $8.99/month

Continue

*Fair usage policy applies

hold the 5th annual Entrepreneurial Woman's Conference and 3rd annual Women's Business and Buyers' Mart September 26; and

Whereas, with the theme, "Capitalize on Change, Focus on Growth," the conference seeks to advance the mission of the WBDC, which is the empowerment of women through business ownership; and

Whereas, the highlights of this event include the Women's Forum Luncheon featuring nationally known, successful women entrepreneurs, the Business and Buyers' Mart, which offers women the opportunity to market their businesses to corporate and government buyers, and workshops focusing on current entrepreneurial issues; and

Whereas, during its five years of existence, the WBDC has provided help to women business owners in many areas including management, marketing, legal and financial, and corporate and government contracting opportunities and certifications;

Therefore, I, Jim Edgar, Governor of the State of Illinois, proclaim September 26, 1991, as WOMEN'S BUSINESS DEVELOPMENT DAY in Illinois, in conjunction with the WBDC's annual conference and in recognition of its continued service to women business owners.

Issued by the Governor July 1, I99I.

Filed with the Secretary of State July 8, I99I.

91-332
ADULT DAY CARE PROVIDERS DAYS

Whereas, Adult Day Care is a community-based group program designed to meet the needs of functionally impaired adults through a structured, comprehensive program; and

Whereas, these programs include a variety of health, social, and related support services in a protective setting during any part of the day; and

Whereas, in addition, the centers provide caregivers respite from the constant demands of the care-giving role and allow many caregivers to continue their own employment; and

Whereas, to date, there are more than 80 programs publicly and privately funded throughout the state;

Therefore, I, Jim Edgar, Governor of the State of Illinois, proclaim September 16-20, I99I, as ADULT DAY CARE PROVIDERS DAYS in Illinois.

Issued by the Governor July 2, I99I.

Filed with the Secretary of State July 8, 1991.

91-333
AMERICAN G.I. FORUM/VETERANS OUTREACH PROGRAM DAY

Whereas, thousands of Hispanics have participated in the United States' struggle for independence since the time of the Revolutionary War; and

Whereas, Hispanic Congressional Medal of Honor recipients represent a continuation of the bravery and valor which has

sustained the spirit of freedom our country represents; and

Whereas, the American G.I. Forum/Veterans Outreach Program of Illinois, Inc., has continually served the Hispanic and minority veteran population of Illinois; and

Whereas, our nation's involvement in the Persian Gulf and Operation Desert Storm has awakened a spirit of renewed patriotism and pride in our country;

Therefore, I, Jim Edgar, Governor of the State of Illinois, proclaim July 12, 1991, as AMERICAN G.I. FORUM/VETERANS OUTREACH PROGRAM DAY in Illinois.

Issued by the Governor July 2, 1991.

Filed with the Secretary of State July 8, I99I.

91-334
BALLROOM DANCE DAYS

Whereas, the sport of ballroom dancing is once again gaining popularity while it re-establishes its role in the American heritage; and

Whereas, the millions of Americans who embrace the peace-filled sport of ballroom dancing believe the resurgent cycle of a healthy and positive activity can only offer today's youth a more loving, wholesome, and happy form of interrelation; and

Whereas, with its many mental, physical, and spiritual aspects, ballroom dancing provides positive benefits to entire communities and promotes a more elevated life-style for citizens of all ages;

Therefore, I, Jim Edgar, Governor of the State of Illinois, proclaim September 13-22, I99I, as BALLROOM DANCE DAYS in Illinois.

Issued by the Governor July 2, I99I.

Filed with the Secretary of State July 8, 1991.

91-335
BATON TWIRLING WEEK

Whereas, nearly one-half million boys and girls in North America are currently involved in baton twirling, which has been instrumental in building their confidence and character; and

Whereas, baton twirling is instrumental in building the confidence and character of these young people and has provided guidance and training to help them become better citizens; and

Whereas, baton twirling also plays an important part in children's hospitals as a unique and effective method of physical therapy; and

Whereas, parades and other ceremonies gain a great deal of color and animation from baton twirlers; and

Whereas, champion twirlers from all over the United States will gather at the University of Notre Dame July 23-27 to conduct

a colorful youth pageant called "America's Youth on Parade";

Therefore, I, Jim Edgar, Governor of the State of Illinois, proclaim July 21-27, 1991, as BATON TWIRLING WEEK in Illinois.

Issued by the Governor July 2, 1991.

Filed with the Secretary of State July 8, 1991.

91-336
FIREFIGHTERS APPRECIATION WEEK

"Not a gift of a cow, nor a gift of land, nor yet a gift of food, is so important as the gift of safety, which is declared to be the great gift among all gifts in this world" Panchatantra (c. 5th century)

Whereas, firefighters are prepared to sacrifice their lives at all times in their professional service to their communities; and

Whereas, their immense contributions, both of personal risk and time devoted to public service, need to be acknowledged; and

Whereas, last year, firefighters in more than 100 Illinois communities raised and donated over $200,000 to the Muscular Dystrophy Association;

Therefore, I, Jim Edgar, Governor of the State of Illinois, proclaim August 17-24, 1991, as FIREFIGHTERS APPRECIATION WEEK in Illinois, in conjunction with Muscular Dystrophy Association's recognition of their efforts.

Issued by the Governor July 2, 1991.

Filed with the Secretary of State July 8, 1991.

91-337
MARKLUND CHILDREN'S HOME DAY

Whereas, Marklund Children's Home in Bloomingdale has lovingly nurtured more than 1,000 children with disabilities in its not-for-profit, fully licensed 98-bed facility; and

Whereas, Marklund is a skilled nursing home, a licensed child welfare agency, and a state-approved special education school; and

Whereas, in order to enable the advanced children to experience a more "home-like" environment, Marklund created two group homes--the Havercamp House in Wheaton and the Marklund House in West Chicago; and

Whereas, to fulfill its responsibility to those residents who could no longer be served by Marklund's Children Home after the age of 21, Marklund established The Marklund Center in Winfield, a residence for 42 nonambulatory adults; and

Whereas, the mission of Marklund is to help children and adults with developmental disabilities reach their highest potential; and

Whereas, on June 1 in downstate Future City, David Sharp, a

therapy coordinator at Marklund will begin a 44-mile wheelchair journey through Illinois' heartland, finishing six weeks later at the facility in Roselle; and

Whereas, Dave's goal is to heighten awareness of the needs of people who use wheelchairs as well as to tell the story of Marklund;

Therefore, I, Jim Edgar, Governor of the State of Illinois, proclaim July 8, 1991, as MARKLUND CHILDREN'S HOME DAY in Illinois in recognition of the hard work and dedication of everyone associated with the Marklund Children's Home.

Issued by the Governor July 2, 1991.

Filed with the Secretary of State July 8, 1991.

91-338
MICHAEL JORDAN FOUNDATION DAY

Whereas, Michael Jordan created the Michael Jordan Foundation as a means of repaying the community and helping hose who are less fortunate; and

Whereas, the inaugural Michael Jordan Foundation Gala Dinner is being held September 21, 1991, at the Hotel Nikko in Chicago; and

Whereas, stars and celebrities from the sports world will attend this charitable event; and

Whereas, proceeds from the dinner will benefit Special Olympics,United Negro College Fund, Midwest Association for Sickle Cell Anemia, Starlight Foundation, Rondald McDonald Children's Charities, Starlight Foundation, Best Buddies of America, Make-A-Wish Foundation and will sponsor funding for college scholarships;

Therefore, I, Jim Edgar, Governor of the State of Illinois, proclaim September 21, 1991, as THE MICHAEL JORDAN FOUNDATION DAY in Illinois.

Issued by the Governor July 2, 1991.

Filed with the Secretary of State July 8, 1991.

91-339
MOTHERS OF TWINS WEEK

Whereas, for 29 years, the Mothers of Twins Club, a national organization, has offered support to parents who face one of life's more unique situations; and

Whereas, the club focuses on joining parents, educators, and physicians together socially and educationally to exchange information on the rearing, development, and recognition of the individuality of twins; and

Whereas, the club is hosting its 29th annual convention October 13-20, 1991, in Lincolnshire;

Therefore, I, Jim Edgar, Governor of the State of Illinois, proclaim October 13-20, 1991, as MOTHERS OF TWINS WEEK in

Illinois.

Issued by the Governor July 2, 1991.
Filed with the Secretary of State July 8, 1991.

91-340
NATIONAL PARK SERVICE DAY

Whereas, the National Park System's idea of preserving the country's finest natural, cultural, and recreational places for its people is uniquely American; and

Whereas, the stewardship of these national treasures is entrusted to the National Park Service; and

Whereas, 1991 marks the 75th anniversary of the National Park Service, which was established August 25, 1916; and

Whereas, Lincoln Home National Historic Site is a unit of the National Park System, and Chicago Portage National Historic Site and Illinois and Michigan Canal National Heritage Corridor are Affiliated Areas of the National Park Service;

Therefore, I, Jim Edgar, Governor of the State of Illinois, proclaim August 25, 1991, as NATIONAL PARK SERVICE DAY in Illinois, in celebration of the service's 75th anniversary. I encourage citizens to express their support for the stewardship of the priceless National Park Service sites in our state by visiting and enjoying these special and unique areas.

Issued by the Governor July 2, 1991.
Filed with the Secretary of State July 8, 1991.

91-341
PHYSICAL THERAPY WEEK

Whereas, the American Physical Therapy Association is observing a national physical therapy week titled "Physical Therapy: Pro-Active Health Care"; and

Whereas, the event's theme refers to an essential philosophy in physical therapy--that physical therapy helps people reach their potential and be as functional and independent as possible; and

Whereas, the American Physical Therapy Association seeks to achieve better lives for our citizens through the advancement of physical therapy education, practice, and research; and

Whereas, National Physical Therapy Week was created 10 years ago by APTA to increase public awareness of the role of physical therapy in health care; and

Whereas, the Illinois Physical Therapy Association plays an integral role in continued efforts to provide care and assistance, coordinate activities, and disseminate information to promote fitness and good health;

Therefore, I, Jim Edgar, Governor of the State of Illinois, proclaim October 7-13, 1991, as PHYSICAL THERAPY WEEK in Illinois, in recognition of the dedicated efforts physical

therapists have put forth to improve the quality of life for our citizens.

Issued by the Governor July 2, I99I.
Filed with the Secretary of State July 8, 1991.

91-342
THERAPEUTIC RECREATION WEEK

Whereas, therapeutic recreation is a profession that focuses primarily on leisure as it contributes to the total well-being of people with disabilities; and

Whereas, Therapeutic Recreation Specialists throughout our state provide services in clinical, community, and recreational facilities for people with disabilities, illnesses, or social conditions that limit full participation in the normal structure of society;

Therefore, I, Jim Edgar, Governor of the State of Illinois, proclaim July 7-13, 1991, as THERAPEUTIC RECREATION WEEK in Illinois, in recognition of the value of therapeutic recreation services to our citizens and our communities.

Issued by the Governor July 2, 1991.
Filed with the Secretary of State July 8, 1991.

91-343
YVONNE DANIELS MEMORIAL DAY

Whereas, cancer has claimed the life of Chicago's first lady of radio, Yvonne Daniels; and

Whereas, Yvonne was a versatile, talented radio broadcaster who blazed a trail for women and blacks during a career that spanned four decades; and

Whereas, she was equally adept at jazz, rock, and urban-contemporary music formats and served as an inspiration to a generation of female broadcasters; and

Whereas, Yvonne's greatest strength was her ability to communicate with her audience. She conveyed an intelligence and warmth that delighted her listeners;

Therefore, I, Jim Edgar, Governor of the State of Illinois, proclaim July 10, 1991, as YVONNE DANIELS MEMORIAL DAY in recognition of her valuable legacy to radio broadcasting.

Issued by the Governor July 2, 1991.
Filed with the Secretary of State July 8, I99I.

SAVE $3,999,994

Did you know we sell paperback books too?

To buy our entire catalog in paperback would cost over $4,000,000

Access it all now for $8.99/month

*Fair usage policy applies

Continue

COMMERCE AND COMMUNITY AFFAIRS, DEPARTMENT OF (CONT'D)

56 Ill. Adm. Code 2650	Industrial Training Program (P-19503/90;W-3602)
14 Ill. Adm. Code 550	Local Tourism & Convention Bureau Program (P-8782/90; A-1798) (P-10249; E-10498)
47 Ill. Adm. Code 100	Residential Energy Assistance Partnership Program (P-15189/90; O-1575; R-3603; A-3437)
14 Ill. Adm. Code 640	Rural Diversification Act Program (P-13391/90; A-7558)
56 Ill. Adm. Code 2600	Service Delivery System & State Responsibilities (P-691)
47 Ill. Adm. Code 110	State Administration of the Federal Community Development Block Grant Program for Small Cities (P-10985/90; 0-19076/90; R-3127 A-4410)
47 Ill. Adm. Code 120	State Administration of the Federal Community Services Block Grant Program (P-8617)
14 Ill. Adm. Code 545	Technology Advancement & Development Act Programs (P-3620)
14 Ill. Adm. Code 540	Technology Commercialization Grant-In-Aid Programs (P-11022/90; A-973)
56 Ill. Adm. Code 2610	Training Services for the Disadvantaged (P-16117/90; A-7595) (P-3641)
56 Ill. Adm Code 2630	Uniform Fiscal & Administrative Standards for the Job Training Partnership Act (P-8081)

COMPTROLLER

74 Ill. Adm. Code 285	Claim Eligible to be Offset (P-17139/90; A-5070)
74 Ill. Adm. Code 280	Public Radio & Television Grants (P-18359/90; O-5112; R-8724; A-8696)

CONSERVATION, DEPARTMENT OF

17 Ill. Adm. Code 3035	Boat Access Area Construction Program (P-18365/90; A-4117)
17 Ill. Adm. Code 530	Cock Pheasant, Hungarian Partridge, Bobwhite Quail, Rabbit & Crow Hunting (P-4805; A-9924)
17 Ill. Adm. Code 830	Commercial Fishing and Musseling in CertainWaters of the State (P-2057; RC-8314; A-8544)
17 Ill. Adm. Code 115	Competitive Tournament Fishing on State-Owned &/or Leased Water Areas (P-3365; A-9948)
17 Ill. Adm. Code 2520	Consignment of Licenses (P-725; A-7653)
17 Ill. Adm. Code 950	Dog Training on Department-Owned or Managed Sites (P-6807)
17 Ill. Adm. Code 730	Dove Hunting (P-4200; A-9951)
17 Ill. Adm. Code 590	Duck, Goose & Coot Hunting (P-17144/90; A-1487) (P-7809)
17 Ill. Adm. Code 1590	Falconry & the Captive Propagation of Raptors (P-16174/90; A-32)
17 Ill. Adm. Code 510	General Hunting & Trapping on Department-Owned or -Managed Sites (P-4829; A-9966)
17 Ill. Adm. Code 3040	Ill. Bicycle Path Grant Program (P-18380/90; A-4132)
17 Ill. Adm. Code 2550	Ill. Salmon Stamp Contest Procedures (P-3655; A-9973)
17 Ill. Adm. Code 570	Muskrat, Mink, Raccoon, Opossum, Striped Skunk, Red Fox, Gray Fox, Coyote & Woodchuck (Groundhog) Hunting; (P-6811)
17 Ill. Adm. Code 220	North Point Marina (P-16182/90; A-1495) (P-9233)
17 Ill. Adm. Code 525	Nuisance Wildlife Control Permits (P-18397/90; A-4149)
17 Ill. Adm. Code 1070	Possession of Specimens or Products of Endangered & Threatened Species (P-7855)
17 Ill. Adm. Code 110	Public Use of State Parks & Other Properties of the Dept. of Conservation (P-10251)
17 Ill. Adm. Code 550	Raccoon, Opossum, Striped Skunk, Red Fox, Gray Fox, Coyote & Woodchuck (Groundhog) Hunting; (P-6823)
17 Ill. Adm. Code 690	Squirrel Hunting (P-4214; A-10012)
17 Ill. Adm. Code 810	Sport Fishing Regs. for the Waters of Ill. (P-18905/90; A-4699) (P-5160) (P-5160; A-9977) (E-5430) (P-8101)
17 Ill. Adm. Code 720	Taking of Wild Turkeys - Fall Archery Season, The; (P-6836)
17 Ill. Adm. Code 715	Taking of Wild Turkeys - Fall Gun Season, The; (P-6842)
17 Ill. Adm. Code 710	Taking of Wild Turkeys - Spring Season, The (P-18409/90; A- 4161)
17 Ill. Adm. Code 1535	Timber Harvest Fees (P-20117/90; A-5219)
17 Ill. Adm. Code 670	White-Tailed Deer Hunting by Use of Bow & Arrow (P-4836; A-10021) (P-10255)
17 Ill. Adm. Code 650	White-Tailed Deer Hunting by Use of Firearms (P-4853; A-10038)
17 Ill. Adm. Code 680	White-Tailed Deer Hunting Season by Use of Handguns (P-8107)
17 Ill. Adm. Code 660	White-Tailed Deer Hunting by Use of Muzzleloading Rifles (P-19123/90; A-4777) (P-6851)
17 Ill. Adm. Code 740	Woodcock, Snipe, Rail & Teal Hunting (P-4222; A-10057)

CORRECTIONS, DEPARTMENT OF

20 Ill. Adm. Code 701	County Jail Standards (P-7861)
20 Ill. Adm. Code 415	Health Care (P-15228/90; O-21107; R-1168; A-988)
20 Ill. Adm. Code 460	Impact Incarceration Program (P-18421/90; A-3479)
20 Ill. Adm. Code 107	Recorqs of Committed Persons (P-19507/90; A-5638)
20 Ill. Adm. Code 502	Safety, Maintenance & Sanitation (P-5935)
20 Ill. Adm. Code 405	School District #428 (P-1; A-5642)

CRIMINAL JUSTICE INFORMATION AUTHORITY, ILLINOIS

20 Ill. Adm. Code 1560	Operating Procedures for the Administration of Non-Federal Grant Funds (P-8800/90; A-7034)

DEVELOPMENT FINANCE AUTHORITY

14 Ill. Adm. Code 1220	Financing Programs (P-8747)

EDUCATION, STATE BOARD OF

23 Ill. Adm. Code 225	Alcohol & Drug Education Initiative (P-10265)
23 Ill. Adm. Code 25	Certification (P-10277)
23 Ill. Adm. Code 250	Comprehensive Arts Programs (P-11447/90; A-463)
23 Ill. Adm. Code 54	Fellowship, Traineeship & Scholarship Programs ((P-9237)
23 Ill. Adm. Code I	Public Schools Evaluation, Recognition & Supervision (P-6931/90; O-21110/90; M-2877; A-2692)
23 Ill. Adm. Code 220	Scientific Literacy (10288)
23 Ill. Adm. Code 350	Secular Textbook Loan (P-9250)
23 Ill. Adm. Code 226	Special Education (P-11068/90; A-40)

EDUCATIONAL OPPORTUNITY, ILLINOIS CONSORTIUM FOR

23 Ill. Adm. Code 2400	Ill. Consortium for Educational Opportunity Program (P-4550; A-10069)

ELECTIONS, STATE BOARD OF

26 Ill. Adm. Code 100	General Rules & Regs. Under the Campaign Financing Act (P-5939)
26 Ill. Adm. Code 125	Practice & Procedure (P-5943)
26 Ill. Adm. Code 210	Raffles Conducted by Political Committees (P-3814/90; A-4450)

EMPLOYMENT SECURITY, DEPARTMENT OF

56 Ill. Adm. Code 2770	Determination of Unemployment Contributions (P-15659/90; A-172) (P-3368: A-8553)
56 Ill. Adm. Code 2920	Disqualifying Income & Reduced Benefits (P-13905/90; A-180) (P-5495)
56 Ill. Adm. Code 2815	Employees' General Rights & Duties (P-17152/90; A-1817)
56 Ill. Adm. Code 2732	Employment (P-6382)
56 Ill. Adm. Code 2765	Payment of Unemployment Contributions, Interest & Penalties (P-13910/90; A-185) (P-3381)
56 Ill. Adm. Code 2875	Supplemental Federal Benefits (PR-4555; AR-10414)
56 Ill. Adm. Code 2730	Wages (P-9817)

ENVIRONMENTAL PROTECTION AGENCY

35 Ill. Adm. Code 859	Procedures for Collection of Review & Evaluation Services Costs (P-8438)
35 Ill. Adm. Code 870	Procedures for Issuing Solid Waste Planning & Enforcement Grants (P-15667.90; A-9311)

FINANCIAL INSTITUTIONS, DEPARTMENT OF

38 Ill. Adm. Code 180	Uniform Disposition of Unclaimed Property Act (P-1207; A-8555)

FIRE MARSHAL, OFFICE OF THE STATE

41 Ill. Adm. Code 250	Fire Equipment Distributor & Employee Standards (P-5322/90; A-5656)
41 Ill. Adm. Code 260	Fire Equipment Program Administrative Regulations (P-7872)
41 Ill. Adm. Code 170	Storage, Transportation, Sale & Use of Petroleum & Other Regulated Substances (P-12373/90; A-7042)

POLLUTION CONTROL BOARD (CONT'D)

35 Ill. Adm. Code 218	Organic Material Emission Standards & Limitations for the Chicago Area (P-3675)
35 Ill. Adm. Code 219	Organic Material Emission Standards & Limitations for the Metro East Area (P-3892)
35 Ill. Adm. Code 201	Permits & General Provisions (P-780)
35 Ill. Adm. Code 611	Primary Drinking Water Standards (P-17154/90; A-1562)
35 Ill. Adm. Code 703	RCRA Permit Programs (P-2376; A-9616) (P-6059)
35 Ill. Adm. Code 617	Regulated Recharge Areas (P-9882)
35 Ill. Adm. Code 722	Standards Applicable to Generators of Hazardous Waste (P-2404; A-9644) (6066)
35 Ill. Adm. Code 814	Standards for Existing Landfills & Units (P-3155) (P-4604)
35 Ill. Adm. Code 816	Standards for New Electric Utility Fossil Fuel Combustion Waste Landfills (P-4616)
35 Ill. Adm. Code 811	Standards for New Solid Waste Landfills (P-3166) (P-4660)
35 Ill. Adm. Code 817	Standards for New Steel & Foundry Industry Waste Landfills (P-3173)
35 Ill. Adm. Code 724	Standards for Owners & Operators of Hazardous Waste Treatment, Storage & Disposal Facilities (P-2414; A-9654) (P-6073)
35 Ill. Adm. Code 726	Standards for the Management of Specific Hazardous Waste & Specific Types of Hazardous Waste Management Facilities (P-2487; A-9727)
35 Ill. Adm. Code 214	Sulfur Limitations (P-11098/90; A-1017)
35 Ill. Adm. Code 731	Underground Storage Tanks (P-20162/90; A-6527) (P-6424)
35 Ill. Adm. Code 212	Visible & Particulate Matter Emmissions (P-791) (P-4668)

PROFESSIONAL REGULATION, DEPARTMENT OF

68 Ill. Adm. Code I250	Funeral Directors & Embalmers Act (P-1691; A-8238))
68 Ill. Adm. Code 1150	Ill. Architecture Act (P-2492)
68 Ill. Adm. Code 1275	Ill. Landscape Architecture Act of 1989, The (P-3218; E-3324; A-10091)
68 Ill. Adm. Code 1300	Ill. Nursing Act of 1987, The (P-2519; A-8573) (E-2855)
68 Ill. Adm. Code 1340	Ill. Physical Therapy Act (P-17432/90; A-5254)
68 Ill. Adm. Code 1270	Ill. Professional Land Surveyors Act of 1989 (P-7378/90; A-5258)
68 Ill. Adm. Code 1285	Medical Practice Act of 1987 (P-6888) (E-7785)
68 Ill. Adm. Code 1240	Private Detective, Private Alarm & Private Security Act of 1983 (P-2456/90; A-3051)
68 Ill. Adm. Code 1380	Professional Engineering Practice Act of 1989, The (P-7346/90; A-247) (P-8631)
68 Ill. Adm. Code 1450	Real Estate License Act of 1983 (P-19515/90; A-10416; C-10848)
68 Ill. Adm. Code 1480	Structural Engineering Licensing Act of 1989 (P-14291/90; A-7081)
68 Ill. Adm. Code 1500	Veterinary Medicine & Surgery Practice Act (P-8635)

PUBLIC AID, DEPARTMENT OF

89 Ill. Adm. Code 130	Administration of Social Service Programs (P-8114)
89 Ill. Adm. Code 112	Aid to Families With Dependent Children (P-157; A-5275) (E-338) (P-371; A-5684) (P-2521) (E-2862) (P-19568/90; A-5275) (P-5502) (P-8785) (P-10564)
89 Ill. Adm. Code 113	Aid to the Aged, Blind or Disabled (P-15701/90; A-277) (P-384; A-5698) (P-804; A-7104) (E-1111; O-5125) (P-1715; A-7104) (P-19851/90; A-5291) (P-5517) (P-6913) (P-7444)
89 Ill. Adm. Code 111	Assistance Standards (P-17762/90; A-1029)
89 Ill. Adm. Code 160	Child Support Enforcement (P-806) (P-17436/90; A-1034)
89 Ill. Adm. Code 144	Developmental Disabilities Services (P-816) (P-7455)
89 Ill. Adm. Code 141	Drug Manual (P-831; A-7117) (E-1121)
89 Ill. Adm. Code 121	Food Stamps (P-5525) (P-6922)
89 Ill. Adm. Code 114	General Assistance (P-15712/90; A-288) (P-394; A-5710) (P-5539)
89 Ill. Adm. Code 148	Hospital Services (E-10502)
89 Ill. Adm. Code 149	Ill. Competitive Access & Reimbursement Equity (ICARE) Program (P-15722/90; A-1826)
89 Ill. Adm. Code 120	Medical Assistance Programs (P-159; A-5302) (E-348) (P-833) (P-2908; A-10101) (P-5551) (P-6089) (P-6937) (P-7468) (P-8642)
89 Ill. Adm. Code 140	Medical Payment (P-14317/90; O-21120; M-368; A-298) (P-13963/90; O-17718/90; R-366; A-298) (P-406) (E-592) (P-847) (P-14681/90; A-1051) (P-18813/90; C-1174) (P-1414; A-8972) (P-4903) (P-7834/90; O-5115; R-6789; A-6534) (P-5585) (P-20170/90; A-6220) (P-6949) (P-7482) (P-19132/90; P-406; P-847; A-8264) (P-8656) (P-9885) (P-19592/90; A-10114) (P-18982/90; A-10468)
89 Ill. Adm. Code 104	Practice in Administrative Hearings (P-15) (P-18705/90; A-5320)

PUBLIC AID, DEPARTMENT OF (CONT'D)

89 Ill. Adm. Code 147	Reimbursement for Nursing Costs for Geriatric Facilities (P-870) (P-13967/89; A-2715) (P-9355/90; O-13039/90; R-3129; A-3058) (P-2919; A-9001) (P-5434/90; O-5118; RC-5120) (P-15243/90; A-6238) (P-19653/90; A-7162) (P-7501)
89 Ill. Adm. Code 117	Related Program Provisions (P-6435)
89 Ill. Adm. Code 102	Rights & Responsibilities (P-409; A-7202)
89 Ill. Adm. Code 104	Rules of Practice in Administrative Hearings (P-15; A-6557)
89 Ill. Adm. Code 118	Special Eligibility Groups (P-8681; E-8708)

PUBLIC HEALTH, DEPARTMENT OF

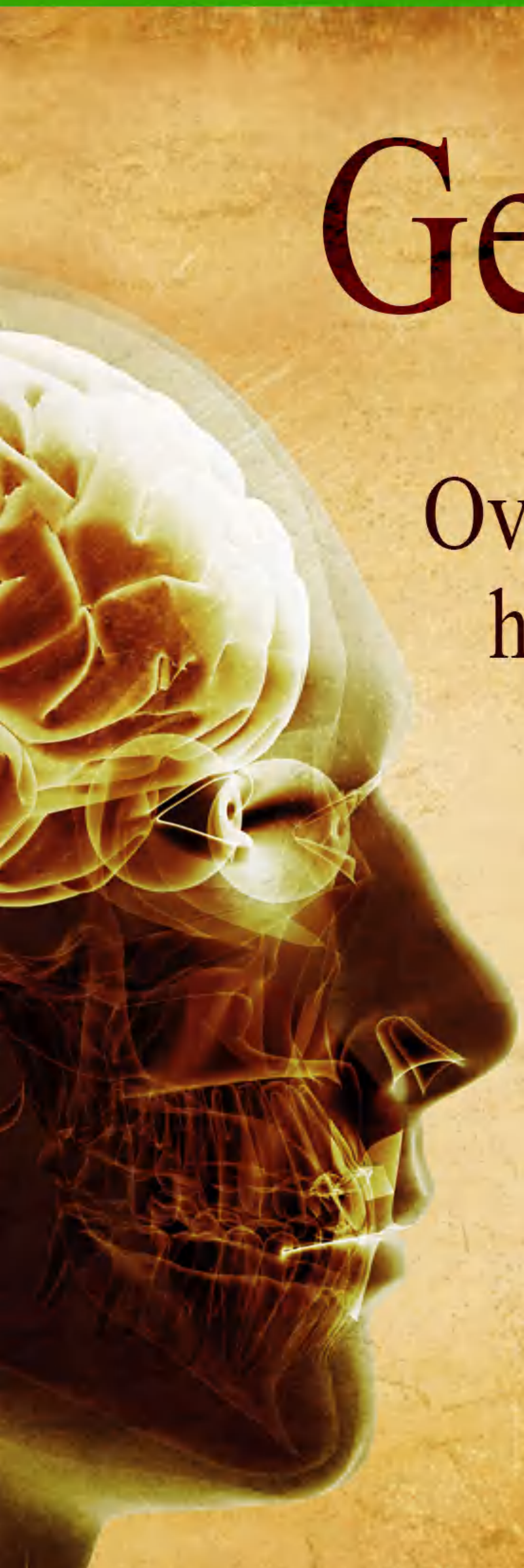
77 Ill. Adm. Code 205	Ambulatory Surgical Treatment Center Licensing Requirements (P-4932)
77 Ill. Adm. Code 595	Baccalaureate Assistance for Registered Nurses (P-3398)
77 Ill. Adm. Code 665	Child Health Examination Code (P-17867/90; A-7706)
77 Ill. Adm. Code 694	College Immunization Code (P-6972)
77 Ill. Adm. Code 535	Emergency Medical Services Code (P-61237/90; A-5722) (P-8120)
77 Ill. Adm. Code 590	Family Practice Residency Code (PR-8493/90; AR-1830) (P-8503/90; A-1833)
77 Ill. Adm. Code 550	Head & Spinal Cord Injury (P-10656/90; A-1068)
77 Ill. Adm. Code 1130	Health Facilities Planning Procedural Rules (E-4787; O-8319) (P-6100) (P-428; A-9731)
77 Ill. Adm. Code 250	Hospital Licensing Requirements (P-4946) (P-16259/90; A-5328)
77 Ill. Adm. Code 710	Ill. Alzheimer's Disease & Related Disorders Assistance Code (P-15246/90; W-675)
77 Ill. Adm. Code 450	Ill. Clinical Laboratories Code (P-6440)
77 Ill. Adm. Code 245	Ill. Home Health Agency Code (P-14699/90; A-5376)
77 Ill. Adm. Code 790	Ill. Formulary for the Drug Product Selection Program, The (P-3417) (E-3537) (18457/90; A-6566)
77 Ill. Adm. Code 540	Ill. Trauma Center Code (P-10665/90; A-1084)
77 Ill. Adm. Code 920	Ill. Water Well Construction Code (P-6460)
77 Ill. Adm. Code 925	Ill. Water Well Pump Installation Code (P-6498)
77 Ill. Adm. Code 350	Intermediate Care for the Developmentally Disabled Facilities Code (P-9833/90; A-466) (P-4280)
77 Ill. Adm. Code 390	Long-Term Care for Under Age 22 Facilities Code (P-9883/90; A-1878) (P-4209)
77 Ill. Adm. Code 895	Sanitary Practice for Drinking Water, Sewage Disposal & Restroom Facilities (P-5005)
77 Ill. Adm. Code 695	School Child Immunization Code (P-17873/90; A-7712)
77 Ill. Adm. Code 330	Sheltered Care Facilities Code (P-9920/90; A-516) (P-4338)
77 Ill. Adm. Code 300	Skilled Nursing & Intermediate Care Facilities Code (P-9957/90; A-554) (P-4367)
77 Ill. Adm. Code 510	Testing of Breath, Blood & Urine for Alcohol &/or Other Drugs (P-418; A-7718) (E-612)
77 Ill. Adm. Code 500	Vital Records Act, The (P-3422) (E-3593)

PUBLIC HEALTH/HEALTH FACILITIES PLANNING BOARD, DEPARTMENT OF

77 Ill. Adm. Code 1130	Health Facilities Planning Procedural Rules (P-428)

RACING BOARD, ILLINOIS

11 Ill. Adm. Code 1312	Entries & Declarations (P-14750/90; A-2727)
11 Ill. Adm. Code 1413	Entries, Subscriptions & Declarations (P-12385/90; A-2730)
11 Ill. Adm. Code 502	Licensing (P-5609)
11 Ill. Adm. Code 1408	Licensing of Participants (P-16843/90; A-5745)322
11 Ill. Adm. Code 509	Medication (P-5614)
11 Ill. Adm. Code 419	Over/Under Rules (P-6976)
11 Ill. Adm. Code 405	Pari-Mutuels (P-8957/90; A-591) (P-12389/90; A-2733) ((P-8518)
11 Ill. Adm. Code 416	Pick Four & Pick Five Rules (P-6979)
11 Ill. Adm. Code 438	Pick N Wagering Pool (P-5012) (6982)
11 Ill. Adm. Code 417	Pick Six Rules (P-6988)
11 Ill. Adm. Code 418	PPT Rules (P-6985)
11 Ill. Adm. Code 404	Race Track Improvement Fund & Related Rules (P-10348)
11 Ill. Adm. Code 1424	Regs. for Meetings (P-19690/90; W-1173) (P-10691/90; A-20545/90; C-2044)
11 Ill. Adm. Code 1325	Security & Admissions (P-19694/90; A-5748)
11 Ill. Adm. Code 421	Supertrifecta Rules (P-19699/90; A-5752) (P-8150)
11 Ill. Adm Code 720	Thoroughbred Off Track Stabling Rules (P-19703/90; A-5755)



Get Smart

Over 2,000 years of human knowledge in 797,885 volumes

Instant access $8.99/month

Continue

*Fair usage policy applies

PROCLAMATIONS

ILLINOIS REGISTER
VOL. 15, ISSUE #29 1991 CUMULATIVE INDEX JULY 19, 1991

PROCLAMATIONS (CONT'D

SAVE $3,999,994

Did you know we sell paperback books too?

To buy our entire catalog in paperback would cost over $4,000,000

Access it all now for $8.99/month

*Fair usage policy applies

Continue

The Sections Affected Index lists, by Title, each Section of a codified Part on which rulemaking activity has occurred in this volume of the Register and is divided into two parts: the first lists the Sections on which rulemaking occurred in the previous issues of this volume year; the second lists the Sections on which rulemaking activity occurred in this issue of the Register. (The headings at the top of each page indicate the two parts: the first part shows the previous issue numbers inclusively and the date of the last published issue; the second lists the current issue number and date.) The columns in both parts indicate the type of rulemaking activity and the action taken along with the page number on which the first page of the notice of rulemaking activity appeared. If a Section on which action is being taken in the current volume (calendar year) of the Register was proposed in a previous volume, the last two digits of the previous volume's year appear immediately after the page number separated by a slash. (e.g. 1 Ill. Adm. Code 100.280 was proposed last year and adopted this year. The action entry reads: (P-8577/89; A-724) The codes for both columns are listed below. For a complete listing of the Titles of the *Illinois Administrative Code*, please refer to 1 Ill. Adm. Code 100.140 or contact the Administrative Code Division.

TYPE OF RULEMAKING		ACTION CODES			
am	= amendment to existing Section	A	= Adopted rule	O	= JCAR Objection
cc	= codification changes	C	= Correction	P	= Proposed rule
n	= new Section	CC	= Codification Changes	PF	= Prohibited Filing
r	= repeal of existing Section	E	= Emergency rule	PP	= Peremptory rule
rc	= recodified	F	= Failure to Remedy Objections	R	= Refusal to Modify or Withdraw
#	= renumbered	M	= Modification	RC	= JCAR Recommendation
				S	= Suspended rule
				W	= Withdrawal of Proposed rule

TITLE 1

100.100	am	(P-7522)
100.110	am	(P-7522)
100.150	am	(P-7522)
100.180	am	(P-7522)
100.220	am	(P-7522)
100.230	am	(P-7522)
100.240	am	(P-7522)
100.260	am	(P-7522)
100.270	am	(P-7522)
100.280	am	(P-7522)
100.310	am	(P-7522)
100.335	am	(P-7522)
100.340	am	(P-7522)
100.350	am	(P-7522)
100.400	am	(P-7522)
100.450	am	(P-7522)
100.500	am	(P-7522)
100.510	am	(P-7522)
100.545	am	(P-7522)
100.550	am	(P-7522)
100.640	am	(P-7522)
100.660	am	(P-7522)
100.670	am	(P-7522)
100.680	am	(P-7522)
100.735	am	(P-7522)
100.740	am	(P-7522)
100.900	am	(P-7522)
100.1010	am	(P-7522)
100.1020	am	(P-7522)
100.1100	am	(P-7522)
100.1150	am	(P-7522)
100.1200	am	(P-7522)
100.1210	am	(P-7522)

TITLE 2

700.40	am	(A-6105)
700.100	am	(A-6105)
700.130	am	(A-6105)
700.140	am	(A-6105)
700.150	am	(A-6105)
2025.120	n	(A-7897)
2375.110	am	(A-1571)
2650.10	n	(A-2660)
2650.20	n	(A-2660)
2650.30	n	(A-2660)
2650.40	n	(A-2660)
2650.50	n	(A-2660)
2650.60	n	(A-2660)
2650.100	n	(A-2660)
2650.200	n	(A-2660)
2650.205	n	(A-2660)
2650.210	n	(A-2660)
2650.220	n	(A-2660)
2650.300	n	(A-2660)
2650.310	n	(A-2660)
2650.311	n	(A-2660)
2650.312	n	(A-2660)
2650.313	n	(A-2660)
2650.314	n	(A-2660)
2650.320	n	(A-2660)
2650.330	n	(A-2660)
2650.340	n	(A-2660)
2650.400	n	(A-2660)
2650.410	n	(A-2660)
2650.II.A	n	(A-2660)
2650.II.B	n	(A-2660)

TITLE 8

125.10	am	(PP-620; W-1574) (P-1583; A-8801)
125.30	am	(PP-620; W-1574) (P-1583; A-8801)
125.40	am	(PP-620; W-1574) (P-1583; A-8801)
125.50	am	(PP-620; W-1574) (P-1583; A-8801)
125.60	am	(PP-620; W-1574) (P-1583; A-8801)
125.80	am	(PP-620; W-1574) (P-1583; A-8801)
125.90	am	(PP-620; W-1574) (P-1583; A-8801)
125.100	am	(PP-620; W-1574) (P-1583; A-8801)
125.110	am	(PP-620; W-1574) (P-1583; A-8801)
125.120	am	(PP-620; W-1574) (P-1583; A-8801)
125.130	am	(PP-620; W-1574) (P-1583; A-8801)
125.140	am	(PP-620; W-1574) (P-1583; A-8801)
125.150	am	(PP-620; W-1574) (P-1583; A-8801)
125.160	am	(PP-620; W-1574) (P-1583; A-8801)
125.170	am	(PP-620; W-1574) (P-1583; A-8801)
125.180	am	(PP-620; W-1574) (P-1583; A-8801)
125.190	am	(PP-620; W-1574) (P-1583; A-8801)
125.200	am	(PP-620; W-1574) (P-1583; A-8801)
125.210	am	(PP-620; W-1574) (P-1583; A-8801)
125.220	am	(PP-620; W-1574) (P-1583; A-8801)
125.230	am	(PP-620; W-1574) (P-1583; A-8801)
125.240	am	(PP-620; W-1574) (P-1583; A-8801)
125.250	am	(PP-620; W-1574) (P-1583; A-8801)
125.260	am	(PP-620; W-1574) (P-1583; A-8801) (PP-3117) (PP-8714)
125.270	am	(PP-620; W-1574) (P-1583; A-8801)
125.280	am	(PP-620; W-1574) (P-1583; A-8801)
125.290	am	(PP-620; W-1574) (P-1583; A-8801)
125.300	am	(PP-620; W-1574) (P-1583; A-8801)
125.305	am	(PP-620; W-1574) (P-1583; A-8801)
125.310	am	(PP-620; W-1574) (P-1583; A-8801)
125.320	am	(PP-620; W-1574) (P-1583; A-8801)
125.330	am	(PP-620; W-1574) (P-1583; A-8801)
125.340	am	(PP-620; W-1574) (P-1583; A-8801)
125.350	am	(PP-620; W-1574) (P-1583; A-8801)
125.360	am	(PP-620; W-1574) (P-1583; A-8801)
125.370	am	(PP-620; W-1574) (P-1583; A-8801)
125.380	am	(PP-620; W-1574) (P-1583; A-8801) (PP-3117) (PP-8714)
125.390	am	(P-1583; A-8801)
125.400	am	(PP-620; W-1574) (P-1583; A-8801)
125.410	am	(PP-620; W-1574) (P-1583; A-8801)
255.50	am	(E-128)
270.261	am	(P-10965/90; A-455)
290.110	am	(P-19087/90; A-5207)

TITLE 11

404.35	n	(P-10348)
405.170	r	(P-8957/90; A-591)
405.180	a,	(P-8518)
405.250	n	(P-12389/90; A-2733)
416.80	r	(P-6979)
417.80	r	(P-6988)
418.100	r	(P-6985)
419.90	r	(P-6976)
421.40	am	(P-19699/90; A-5752)
421.80	am	(P-8150)
421.100	n	(P-19699/90; A-5752)
433.35	am	(P-12393/90; A-2736)
438.30	am	(P-5012)
438.80	r	(P-6982)
438.90	am	(P-5012)
440.10	n	(P-8975/90; A-3492)
440.20	n	(P-8975/90; A-3492)
440.20	am	(P-8152)
440.30	n	(P-8975/90; A-3492)
440.40	n	(P-8975/90; A-3492)
440.50	n	(P-8975/90; A-3492)
440.60	n	(P-8975/90; A-3492)
440.70	n	(P-8975/90; A-3492)
440.80	n	(P-8975/90; A-3492)
440.90	n	(P-8975/90; A-3492)
440.90	am	(P-8152)
440.100	n	(P-8975/90; A-3492)
440.110	n	(P-8975/90; A-3492)
440.120	n	(P-8975/90; A-3492)
440.130	n	(P-8975/90; A-3492)
440.130	am	(P-8152)
440.140	n	(P-8975/90; A-3492)
440.150	n	(P-8975/90; A-3492)
502.76	am	(P-5609)
509.100	am	(P-5614)
720.100	n	(P-19703/90; A-5755)
1312.265	am	(P-14750/90; A-2727)
1325.120	am	(P-19694/90; A-5748)
1408.90	am	(P-16843/90; A-5745)
1413.48	am	(P-12385/90; A-2730)
1424.140	n	(P-10691/90; A-20545/90; C-2044)
1424.355	am	(P-19690/90; W-1173)

TITLE 14

475.110	n	(P-6343)
475.210	n	(P-6343)
475.220	n	(P-6343)
475.230	n	(P-6343)
475.240	n	(P-6343)
475.250	n	(P-6343)
475.260	n	(P-6343)
475.310	n	(P-6343)
475.320	n	(P-6343)
475.330	n	(P-6343)
475.340	n	(P-6343)
475.350	n	(P-6343)
475.360	n	(P-6343)
475.370	n	(P-6343)
475.380	n	(P-6343)
475.390	n	(P-6343)
475.410	n	(P-6343)
475.420	n	(P-6343)
475.510	n	(P-6343)
475.520	n	(P-6343)
475.530	n	(P-6343)
475.540	n	(P-6343)
475.550	n	(P-6343)
475.560	n	(P-6343)
475.570	n	(P-6343)
475.580	n	(P-6343)
475.590	n	(P-6343)
475.610	n	(P-6343)
475.620	n	(P-6343)
475.630	n	(P-6343)
475.640	n	(P-6343)
475.710	n	(P-6343)
475.720	n	(P-6343)
510.10	am	(P-677; A-8848)
510.20	am	(P-677; A-8848)
510.40	am	(P-677; A-8848)
510.50	am	(P-677; A-8848)
510.60	am	(P-677; A-8848)
510.70	am	(P-677; A-8848)
510.80	am	(P-677; A-8848)
510.85	n	(A-8848)
510.110	n	(P-13072/90; A-2673)
510.120	n	(P-13072/90; A-2673)
510.130	n	(P-13072/90; A-2673)
510.140	n	(P-13072/90; A-2673)
510.150	n	(P-13072/90; A-2673)
510.160	n	(P-13072/90; A-2673)
510.170	n	(P-13072/90; A-2673)
510.175	n	(P-13072/90; A-2673)
510.180	n	(P-13072/90; A-2673)
510.185	n	(P-13072/90; A-2673)
510.190	n	(P-13072/90; A-2673)
510.195	n	(P-13072/90; A-2673)
510.200	n	(P-13072/90; A-2673)
510.205	n	(P-13072/90; A-2673)
520.315	n	(P-13060/90; A-8683)

TITLE 14 (CONT'D)

520.740	am	(P-13060/90; A-8683)
520.800	r	(P-13060/90; A-8683)
520.810	r	(P-13060/90; A-8683)
520.820	r	(P-13060/90; A-8683)
520.830	r	(P-13060/90; A-8683)
520.900	am	(P-9787)
520.910	am	(P-13060/90; A-8683)
520.930	am	(P-9787)
520.1010	am	(P-13060/90; A-8683)
520.1100	n	(P-9787)
520.1110	n	(P-9787)
520.1120	n	(P-9787)
520.1130	n	(P-9787)
520.1140	n	(P-9787)
540.110	n	(P-11022/90; A-973)
540.120	n	(P-11022/90; A-973)
540.130	n	(P-11022/90; A-973)
540.140	n	(P-11022/90; A-973)
540.150	n	(P-11022/90; A-973)
540.160	n	(P-11022/90; A-973)
540.170	n	(P-11022/90; A-973)
540.180	n	(P-11022/90; A-973)
540.190	n	(P-11022/90; A-973)
545.315	am	(P-3620)
545.320	am	(P-3620)
545.325	am	(P-3620)
545.330	am	(P-3620)
545.345	am	(P-3620)
545.350	am	(P-3620)
545.355	am	(P-3620)
545.360	am	(P-3620)
550.20	am	(P-8782/90; A-1798)
550.30	am	(P-8782/90; A-1798)
550.35	am	(P-8782/90; A-1798) (P-10249) (E-10498)
550.40	am	(P-8782/90; A-1798)
550.50	am	(P-8782/90; A-1798)
570.10	am	(P-4528; A-9902)
570.20	am	(P-4528; A-9902)
570.25	am	(P-4528; A-9902)
570.30	am	(P-4528; A-9902)
570.40	am	(P-4528; A-9902)
570.50	am	(P-4528; A-9902)
570.60	am	(P-4528; A-9902)
570.70	am	(P-4528; A-9902)
640.5	n	(P-13391/90; A-7558)
640.10	n	(P-13391/90; A-7558)
640.20	n	(P-13391/90; A-7558)
640.30	n	(P-13391/90; A-7558)
640.40	n	(P-13391/90; A-7558)
640.50	n	(P-13391/90; A-7558)
640.60	n	(P-13391/90; A-7558)
640.70	n	(P-13391/90; A-7558)
640.80	n	(P-13391/90; A-7558)
640.90	n	(P-13391/90; A-7558)
640.100	n	(P-13391/90; A-7558)
640.110	n	(P-13391/90; A-7558)
640.120	n	(P-13391/90; A-7558)
640.130	n	(P-13391/90; A-7558)
640.140	n	(P-13391/90; A-7558)
640.150	n	(P-13391/90; A-7558)
640.160	n	(P-13391/90; A-7558)
640.170	n	(P-13391/90; A-7558)
640.180	n	(P-13391/90; A-7558)
640.190	n	(P-13391/90; A-7558)
640.200	n	(P-13391/90; A-7558)
640.210	n	(P-13391/90; A-7558)
640.220	n	(P-13391/90; A-7558)
640.230	n	(P-13391/90; A-7558)
640.240	n	(P-13391/90; A-7558)
640.250	n	(P-13391/90; A-7558)
640.260	n	(P-13391/90; A-7558)
640.270	n	(P-13391/90; A-7558)
640.280	n	(P-13391/90; A-7558)
640.290	n	(P-13391/90; A-7558)
640.300	n	(P-13391/90; A-7558)
640.310	n	(P-13391/90; A-7558)
640.320	n	(P-13391/90; A-7558)
640.330	n	(P-13391/90; A-7558)
640.340	n	(P-13391/90; A-7558)
640.350	n	(P-13391/90; A-7558)
1220.100	n	(P-8747)
1220.110	n	(P-8747)
1220.120	n	(P-8747)
1220.130	n	(P-8747)
1220.140	n	(P-8747)
1220.150	n	(P-8747)
1220.160	n	(P-8747)
1220.200	n	(P-8747)
1220.210	n	(P-8747)
1220.220	n	(P-8747)
1220.230	n	(P-8747)
1220.240	n	(P-8747)
1220.250	n	(P-8747)
1220.300	n	(P-8747)
1220.310	n	(P-8747)
1220.320	n	(P-8747)
1220.330	n	(P-8747)
1220.400	n	(P-8747)
1220.410	n	(P-8747)
1220.500	n	(P-8747)
1220.510	n	(P-8747)
1220.520	n	(P-8747)

TITLE 17

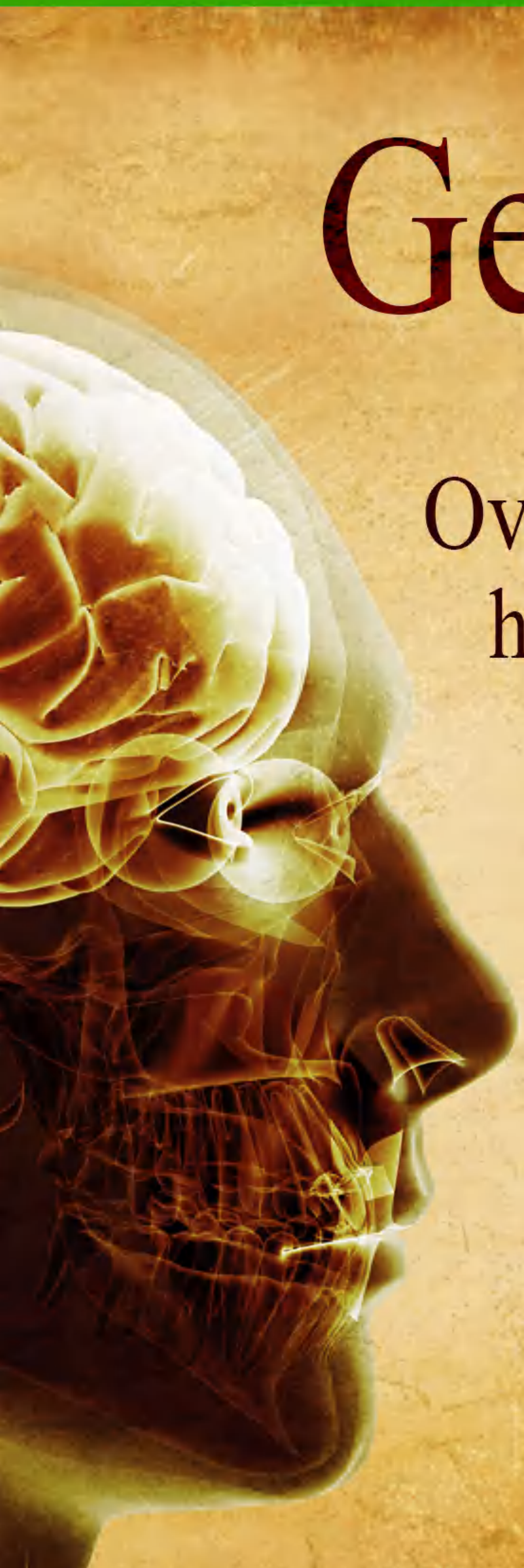
110.5	am	(P-10251)
110.175	n	(P-10251)
115.30	am	(P-3365; A-9948)
220.20	am	(P-16182/90; A-1495)
220.30	am	(P-16182/90; A-1495)
220.40	am	(P-16182/90; A-1495)
220.50	am	(P-16182/90; A-1495) (P-9233)
220.60	am	(P-16182/90; A-1495)
220.70	am	(P-16182/90; A-1495)
510.10	am	(P-4829; A-9966)
525.10	n	(P-18397/90; A-4149)
525.20	n	(P-18397/90; A-4149)
525.30	n	(P-18397/90; A-4149)
525.40	n	(P-18397/90; A-4149)
525.Ex. A	n	(P-18397/90; A-4149)
530.20	am	(P-4805; A-9924)
530.80	am	(P-4805; A-9924)
530.90	am	(P-4805; A-9924)
530.100	am	(P-4805; A-9924)
530.105	am	(P-4805; A-9924)
530.110	am	(P-4805; A-9924)
530.120	am	(P-4805; A-9924)

TITLE 17 (CONT'D)

550.10	am	(P-6823)
550.20	am	(P-6823)
550.30	am	(P-6823)
570.20	am	(P-6811)
570.30	am	(P-6811)
570.40	am	(P-6811)
590.10	am	(P-7809)
590.20	am	(P-7809)
590.25	am	(P-7809)
590.30	am	(P-7809)
590.40	am	(P-7809)
590.50	am	(P-7809)
590.60	am	(P-7809)
590.Ex.A	am	(P-7809)
650.10	am	(P-4853; A-10038)
650.20	am	(P-4853; A-10038)
650.22	am	(P-4853; A-10038)
650.23	am	(P-4853; A-10038)
650.30	am	(P-4853; A-10038)
650.40	am	(P-4853; A-10038)
650.60	am	(P-4853; A-10038)
660.10	n	(P-19123/90; A-4777)
660.10	am	(P-6851)
660.20	n	(P-19123/90; A-4777)
660.20	am	(P-6851)
660.21	n	(P-19123/90; A-4777)
660.21	am	(P-6851)
660.25	n	(P-19123/90; A-4777)
660.25	am	(P-6851)
660.30	n	(P-19123/90; A-4777)
660.30	am	(P-6851)
660.40	n	(P-19123/90; A-4777)
660.40	am	(P-6851)
660.45	n	(P-6851)
660.50	n	(P-19123/90; A-4777)
660.60	n	(P-6851)
670.10	am	(P-4836; A-10021)
670.20	am	(P-4836; A-10021)
670.30	am	(P-4836; A-10021)
670.40	am	(P-4836; A-10021)
670.60	am	(P-4836; A-10021) (P-10255)
680.10	n	(P-8107)
680.20	n	(P-8107)
680.30	n	(P-8107)
680.40	n	(P-8107)
680.50	n	(P-8107)
680.60	n	(P-8107)
680.70	n	(P-8107)
690.20	am	(P-4214; A-10012)
690.30	am	(P-4214; A-10012)
710.10	am	(P-18409/90; A-4161)
710.20	am	(P-18409/90; A-4161)
710.30	am	(P-18409/90; A-4161)
710.50	am	(P-18409/90; A-4161)
710.60	am	(P-18409/90; A-4161)
715.10	am	(P-6842)
715.20	am	(P-6842)
715.30	am	(P-6842)
715.40	am	(P-6842)
720.10	am	(P-6836)
720.30	am	(P-6836)
720.40	am	(P-6836)
730.10	am	(P-4200; A-9951)
730.20	am	(P-4200; A-9951)
730.30	am	(P-4200; A-9951
740.10	am	(P-4222; A-10057)
740.20	am	(P-4222; A-10057)
810.30	r	(P-18905/90; A-4699)
810.35	n	(P-18905/90; A-4699)
810.35	am	(P-8101)
810.37	n	(P-18905/90; A-4699)
810.40	r	(P-18905/90; A-4699)
810.45	n	(P-18905/90; A-4699)
810.45	am	(P-5160; A-9977) (E-5430)
810.50	am	(P-18905/90; A-4699)
810.70	am	(P-18905/90; A-4699)
830.05	n	(P-2057; RC-8314; A-8544)
830.20	am	(P-2057; RC-8314; A-8544)
830.60	am	(P-2057; RC-8314; A-8544)
830.70	am	(P-2057; RC-8314; A-8544)
830.80	am	(P-2057; RC-8314; A-8544)
830.90	am	(P-2057; RC-8314; A-8544)
950.40	am	(P-6807)
950.50	am	(P-6807)
1070.20	am	(P-7855)
1535.10	n	(P-20117/90; A-5219)
1590.50	am	(P-16174/90; A-32)
1590.80	am	(P-16174/90; A-32)
1590.90	am	(P-16174/90; A-32)
2520.50	am	(P-725; A-7653)
2550.10	am	(P-3655; A-9973)
2550.15	n	(P-3655; A-9973)
3035.10	am	(P-18365/90; A-4117)
3035.30	am	(P-18365/90; A-4117)
3035.40	am	(P-18365/90; A-4117)
3035.50	am	(P-18365/90; A-4117)
3035.60	am	(P-18365/90; A-4117)
3035.70	am	(P-18365/90; A-4117)
3040.Ap. B	n	(P-18380/90; A-4132)
3040.Ap. C	n	(P-18380/90; A-4132)
3040.Ap. D	n	(P-18380/90; A-4132)
3040.Ap. E	n	(P-18380/90; A-4132)
3040.Ap. F	n	(P-18380/90; A-4132)
3040.Ap. G	n	(P-18380/90; A-4132)
4160.10	n	(P-1680; A-10596)
4160.20	n	(P-1680; A-10596)
4160.30	n	(P-1680; A-10596)
4160.40	n	(P-1680; A-10596)
4160.50	n	(P-1680; A-10596)
4160.60	n	(P-1680; A-10596)
4160.70	n	(P-1680; A-10596)
4160.80	n	(P-1680; A-10596)
4160.90	n	(P-1680; A-10596)
4160.100	n	(P-1680; A-10596)
4160.110	n	(P-1680; A-10596)
4160.120	n	(P-1680; A-10596)
4160.130	n	(P-1680; A-10596)
4160.140	n	(P-1680; A-10596)
4160.150	n	(A-10596)
4160.160	n	(P-1680; A-10596)
4160.170	n	(P-1680; A-10596)
4160.180	n	(P-1680; A-10596)

TITLE 20

107.140	n	(P-19507/90; A-5638)
405.10	am	(P-1; A-5642)
405.15	am	(P-1; A-5642)



Get Smart

Over 2,000 years of human knowledge in 797,885 volumes

Instant access $8.99/month

Continue

*Fair usage policy applies

TITLE 32 (CONT'D)

401.20	am	(P-1390; A-7054)
401.30	am	(P-1390; A-7054)
401.40	am	(P-1390; A-7054)
401.50	am	(P-1390; A-7054)
401.60	am	(P-1390; A-7054)
401.70	am	(P-1390; A-7054)
401.80	am	(P-1390; A-7054)
401.100	am	(P-1390; A-7054)
401.110	am	(P-1390; A-7054)
401.130	am	(P-1390; A-7054)
401.140	am	(P-1390; A-7054)
401.Ap.A	n	(P-1390; A-7054)
401.Ap.B	n	(P-1390; A-7054)
606.20	am	(P-20573/90; A-8958)
606.30	am	(P-20573/90; A-8958)
606.60	am	(P-20573/90; A-8958)

TITLE 35

101.103	am	(P-9822)
201.102	am	(P-780)
201.401	am	(P-780)
211.122	am	(P-4573) (P-12697/90; A-5223) (P-6385) (P-8416/90; A-7901)
212.110	am	(P-4668)
212.111	am	(P-4668)
212.113	am	(P-4668)
212.205	am	(P-791)
212.423	n	(P-4668)
212.424	n	(P-4668)
212.443	am	(P-791)
214.101	am	(P-11098/90; A-1017)
214.104	am	(P-11098/90; A-1017)
215.100	am	(P-3659)
215.102	am	(P-8877/90; A-8018)
215.105	am	(P-8877/90; A-8018)
215.108	n	(P-6414) (P-8877/90; A-8018)
215.123	am	(P-768)
215.480	am	(P-8877/90; A-8018)
215.481	am	(P-8877/90; A-8018)
215.482	am	(P-8877/90; A-8018)
215.483	am	(P-8877/90; A-8018)
215.484	am	(P-8877/90; A-8018)
215.485	am	(P-8877/90; A-8018)
215.486	am	(P-8877/90; A-8018)
215.487	am	(P-8877/90; A-8018)
215.488	am	(P-8877/90; A-8018)
215.489	#	(P-8877/90; A-8018)
215.489	n	(P-8877/90; A-8018)
215.490	#	(P-8877/90; A-8018)
215.490	am	(P-8877/90; A-8018)
215.581	am	(P-3659)
215.585	am	(P-12701/90; A-3309)
218.100	n	(P-3675)
218.101	n	(P-3675)
218.102	n	(P-3675)
218.103	n	(P-3675)
218.104	n	(P-3675)
218.105	n	(P-3675)
218.106	n	(P-3675)
218.107	n	(P-3675)
218.108	n	(P-3675)
218.109	n	(P-3675)
218.110	n	(P-3675)
218.111	n	(P-3675)
218.112	n	(P-3675)
218.121	n	(P-3675)
218.122	n	(P-3675)
218.123	n	(P-3675)
218.124	n	(P-3675)
218.125	n	(P-3675)
218.126	n	(P-3675)
218.141	n	(P-3675)
218.142	n	(P-3675)
218.143	n	(P-3675)
218.144	n	(P-3675)
218.181	n	(P-3675)
218.182	n	(P-3675)
218.183	n	(P-3675)
218.184	n	(P-3675)
218.185	n	(P-3675)
218.186	n	(P-3675)
218.204	n	(P-3675)
218.205	n	(P-3675)
218.206	n	(P-3675)
218.207	n	(P-3675)
218.208	n	(P-3675)
218.209	n	(P-3675)
218.210	n	(P-3675)
218.211	n	(P-3675)
218.301	n	(P-3675)
218.302	n	(P-3675)
218.303	n	(P-3675)
218.304	n	(P-3675)
218.401	n	(P-3675)
218.402	n	(P-3675)
218.403	n	(P-3675)
218.404	n	(P-3675)
218.405	n	(P-3675)
218.421	n	(P-3675)
218.422	n	(P-3675)
218.423	n	(P-3675)
218.424	n	(P-3675)
218.425	n	(P-3675)
218.426	n	(P-3675)
218.427	n	(P-3675)
218.428	n	(P-3675)
218.429	n	(P-3675)
218.430	n	(P-3675)
218.441	n	(P-3675)
218.442	n	(P-3675)
218.443	n	(P-3675)
218.444	n	(P-3675)
218.445	n	(P-3675)
218.446	n	(P-3675)
218.447	n	(P-3675)
218.448	n	(P-3675)
218.449	n	(P-3675)
218.450	n	(P-3675)
218.451	n	(P-3675)
218.452	n	(P-3675)
218.453	n	(P-3675)
218.461	n	(P-3675)
218.462	n	(P-3675)
218.463	n	(P-3675)
218.464	n	(P-3675)
218.465	n	(P-3675)
218.466	n	(P-3675)

TITLE 35 (CONT'D)

218.480	n	(P-3675)
218.481	n	(P-3675)
218.482	n	(P-3675)
218.483	n	(P-3675)
218.484	n	(P-3675)
218.485	n	(P-3675)
218.486	n	(P-3675)
218.487	n	(P-3675)
218.488	n	(P-3675)
218.489	n	(P-3675)
218.521	n	(P-3675)
218.525	n	(P-3675)
218.526	n	(P-3675)
218.527	n	(P-3675)
218.541	n	(P-3675)
218.561	n	(P-3675)
218.562	n	(P-3675)
218.563	n	(P-3675)
218.581	n	(P-3675)
218.582	n	(P-3675)
218.583	n	(P-3675)
218.584	n	(P-3675)
218.585	n	(P-3675)
218.601	n	(P-3675)
218.602	n	(P-3675)
218.603	n	(P-3675)
218.604	n	(P-3675)
218.605	n	(P-3675)
218.606	n	(P-3675)
218.607	n	(P-3675)
218.608	n	(P-3675)
218.609	n	(P-3675)
218.610	n	(P-3675)
218.611	n	(P-3675)
218.612	n	(P-3675)
218.613	n	(P-3675)
218.620	n	(P-3675)
218.621	n	(P-3675)
218.623	n	(P-3675)
218.624	n	(P-3675)
218.625	n	(P-3675)
218.626	n	(P-3675)
218.628	n	(P-3675)
218.630	n	(P-3675)
218.636	n	(P-3675)
218.637	n	(P-3675)
218.875	n	(P-3675)
218.877	n	(P-3675)
218.879	n	(P-3675)
218.881	n	(P-3675)
218.883	n	(P-3675)
218.886	n	(P-3675)
218.920	n	(P-3675)
218.923	n	(P-3675)
218.926	n	(P-3675)
218.927	n	(P-3675)
218.928	n	(P-3675)
218.940	n	(P-3675)
218.943	n	(P-3675)
218.946	n	(P-3675)
218.947	n	(P-3675)
218.948	n	(P-3675)
218.960	n	(P-3675)
218.963	n	(P-3675)
218.966	n	(P-3675)
218.967	n	(P-3675)
218.968	n	(P-3675)
218.980	n	(P-3675)
218.983	n	(P-3675)
218.986	n	(P-3675)
218.987	n	(P-3675)
218.988	n	(P-3675)
218.990	n	(P-3675)
218.991	n	(P-3675)
218.Ap. A	n	(P-3675)
218.Ap. B	n	(P-3675)
218.Ap. C	n	(P-3675)
218.Ap. D	n	(P-3675)
219.100	n	(P-3892)
219.101	n	(P-3892)
219.102	n	(P-3892)
219.103	n	(P-3892)
219.104	n	(P-3892)
219.105	n	(P-3892)
219.106	n	(P-3892)
219.107	n	(P-3892)
219.108	n	(P-3892)
219.109	n	(P-3892)
219.110	n	(P-3892)
219.111	n	(P-3892)
219.112	n	(P-3892)
219.121	n	(P-3892)
219.122	n	(P-3892)
219.123	n	(P-3892)
219.124	n	(P-3892)
219.125	n	(P-3892)
219.126	n	(P-3892)
219.127	n	(P-3892)
219.128	n	(P-3892)
219.141	n	(P-3892)
219.142	n	(P-3892)
219.143	n	(P-3892)
219.144	n	(P-3892)
219.181	n	(P-3892)
219.182	n	(P-3892)
219.183	n	(P-3892)
219.184	n	(P-3892)
219.185	n	(P-3892)
219.186	n	(P-3892)
219.204	n	(P-3892)
219.205	n	(P-3892)
219.206	n	(P-3892)
219.207	n	(P-3892)
219.208	n	(P-3892)
219.209	n	(P-3892)
219.210	n	(P-3892)
219.211	n	(P-3892)
219.301	n	(P-3892)
219.302	n	(P-3892)
219.303	n	(P-3892)
219.304	n	(P-3892)
219.401	n	(P-3892)
219.402	n	(P-3892)
219.403	n	(P-3892)
219.404	n	(P-3892)
219.405	n	(P-3892)
219.421	n	(P-3892)

TITLE 35 (CONT'D)

219.422	n	(P-3892)
219.423	n	(P-3892)
219.424	n	(P-3892)
219.425	n	(P-3892)
219.426	n	(P-3892)
219.427	n	(P-3892)
219.428	n	(P-3892)
219.429	n	(P-3892)
219.430	n	(P-3892)
219.441	n	(P-3892)
219.442	n	(P-3892)
219.443	n	(P-3892)
219.444	n	(P-3892)
219.445	n	(P-3892)
219.446	n	(P-3892)
219.447	n	(P-3892)
219.448	n	(P-3892)
219.449	n	(P-3892)
219.450	n	(P-3892)
219.451	n	(P-3892)
219.452	n	(P-3892)
219.453	n	(P-3892)
219.461	n	(P-3892)
219.462	n	(P-3892)
219.463	n	(P-3892)
219.464	n	(P-3892)
219.465	n	(P-3892)
219.466	n	(P-3892)
219.480	n	(P-3892)
219.481	n	(P-3892)
219.482	n	(P-3892)
219.483	n	(P-3892)
219.484	n	(P-3892)
219.485	n	(P-3892)
219.486	n	(P-3892)
219.487	n	(P-3892)
219.488	n	(P-3892)
219.489	n	(P-3892)
219.521	n	(P-3892)
219.525	n	(P-3892)
219.526	n	(P-3892)
219.527	n	(P-3892)
219.541	n	(P-3892)
219.561	n	(P-3892)
219.562	n	(P-3892)
219.563	n	(P-3892)
219.581	n	(P-3892)
219.582	n	(P-3892)
219.583	n	(P-3892)
219.584	n	(P-3892)
219.585	n	(P-3892)
219.601	n	(P-3892)
219.602	n	(P-3892)
219.603	n	(P-3892)
219.604	n	(P-3892)
219.605	n	(P-3892)
219.606	n	(P-3892)
219.607	n	(P-3892)
219.608	n	(P-3892)
219.609	n	(P-3892)
219.610	n	(P-3892)
219.611	n	(P-3892)
219.612	n	(P-3892)
219.613	n	(P-3892)
219.620	n	(P-3892)
219.621	n	(P-3892)
219.623	n	(P-3892)
219.624	n	(P-3892)
219.625	n	(P-3892)
219.626	n	(P-3892)
219.628	n	(P-3892)
219.630	n	(P-3892)
219.636	n	(P-3892)
219.637	n	(P-3892)
219.875	n	(P-3892)
219.877	n	(P-3892)
219.879	n	(P-3892)
219.881	n	(P-3892)
219.883	n	(P-3892)
219.886	n	(P-3892)
219.920	n	(P-3892)
219.923	n	(P-3892)
219.926	n	(P-3892)
219.927	n	(P-3892)
219.928	n	(P-3892)
219.940	n	(P-3892)
219.943	n	(P-3892)
219.946	n	(P-3892)
219.947	n	(P-3892)
219.948	n	(P-3892)
219.960	n	(P-3892)
219.963	n	(P-3892)
219.966	n	(P-3892)
219.967	n	(P-3892)
219.968	n	(P-3892)
219.980	n	(P-3892)
219.983	n	(P-3892)
219.986	n	(P-3892)
219.987	n	(P-3892)
219.988	n	(P-3892)
219.990	n	(P-3892)
219.991	n	(P-3892)
219.Ap. A	n	(P-3892)
219.Ap. B	n	(P-3892)
219.Ap. C	n	(P-3892)
219.Ap. D	n	(P-3892)
230.110	r	(P-741)
230.140		(P-741)
230.141	r	(P-741)
230.142		(P-741)
230.150		(P-741)
230.160		(P-741)
230.170		(P-741)
230.180	r	(P-741)
230.190		(P-741)
230.200		(P-741)
230.210		(P-741)
230.211		(P-741)
230.212	r	(P-741)
230.220		(P-741)
230.230	r	(P-741)
230.240		(P-741)
230.241	r	(P-741)
230.250		(P-741)
230.260		(P-741)
230.270	r	(P-741)
230.280	r	(P-741)

TITLE 35 (CONT'D)

230.290	r	(P-741)
230.300	r	(P-741)
230.310		(P-741)
230.320		(P-741)
230.330	r	(P-741)
230.340	r	(P-741)
230.350		(P-741)
230.360		(P-741)
230.370		(P-741)
230.371		(P-741)
230.380	r	(P-741)
230.390		(P-741)
230.400	r	(P-741)
230.410		(P-741)
230.430		(P-741)
230.440		(P-741)
230.470		(P-741)
230.480		(P-741)
230.490		(P-741)
230.500		(P-741)
230.520		(P-741)
230.530		(P-741)
230.540		(P-741)
230.550		(P-741)
230.560	r	(P-741)
230.570		(P-741)
230.580		(P-741)
230.590		(P-741)
230.600		(P-741)
230.680		(P-741)
230.690		(P-741)
230.700		(P-741)
230.720		(P-741)
230.730		(P-741)
230.740		(P-741)
230.780		(P-741)
230.Tb.A		(P-741)
230.Tb.B		(P-741)
230.Ap.A		(P-741)
230.Ap.B		(P-741)
230.Ap.C		(P-741)
230.Ap.F	r	(P-741)
231.110		(P-730)
231.120		(P-730)
231.122		(P-730)
231.130		(P-730)
231.140		(P-730)
231.150	r	(P-730)
231.160		(P-730)
231.180		(P-730)
231.190		(P-730)
231.200		(P-730)
231.210		(P-730)
231.230	r	(P-730)
231.240		(P-730)
231.250		(P-730)
231.260		(P-730)
231.320		(P-730)
231.330		(P-730)
231.Tb.A		(P-730)
231.Ap.A		(P-730)
231.Ap.B		(P-730)
231.Ap.C		(P-730)
304.211	n	(P-9700/90; A-241)
501.102	am	(P-3141; A-10075)
501.200	n	(P-3141; A-10075)
501.246	n	(P-3141; A-10075)
501.248	n	(P-3141; A-10075)
501.274	n	(P-3141; A-10075)
501.317	n	(P-3141; A-10075)
501.330	am	(P-3141; A-10075)
501.342	n	(P-3141; A-10075)
501.356	n	(P-3141; A-10075)
501.372	n	(P-3141; A-10075)
501.402	am	(P-3141; A-10075)
501.404	am	(P-3141; A-10075)
501.405	am	(P-3141; A-10075)
601.105	am	(P-9829)
611.325	am	(P-17154/90; A-1562)
611.521	am	(P-17154/90; A-1562)
615.101	n	(P-10303)
615.102	n	(P-10303)
615.103	n	(P-10303)
615.104	n	(P-10303)
615.105	n	(P-10303)
615.201	n	(P-10303)
615.202	n	(P-10303)
615.203	n	(P-10303)
615.204	n	(P-10303)
615.205	n	(P-10303)
615.206	n	(P-10303)
615.207	n	(P-10303)
615.208	n	(P-10303)
615.209	n	(P-10303)
615.210	n	(P-10303)
615.211	n	(P-10303)
615.301	n	(P-10303)
615.302	n	(P-10303)
615.303	n	(P-10303)
615.304	n	(P-10303)
615.305	n	(P-10303)
615.306	n	(P-10303)
615.307	n	(P-10303)
615.401	n	(P-10303)
615.402	n	(P-10303)
615.403	n	(P-10303)
615.404	n	(P-10303)
615.421	n	(P-10303)
615.422	n	(P-10303)
615.423	n	(P-10303)
615.424	n	(P-10303)
615.425	n	(P-10303)
615.441	n	(P-10303)
615.442	n	(P-10303)
615.443	n	(P-10303)
615.444	n	(P-10303)
615.445	n	(P-10303)
615.446	n	(P-10303)
615.447	n	(P-10303)
615.461	n	(P-10303)
615.462	n	(P-10303)
615.463	n	(P-10303)
615.501	n	(P-10303)
615.502	n	(P-10303)
615.601	n	(P-10303)
615.602	n	(P-10303)
615.603	n	(P-10303)

TITLE 35 (CONT'D)

615.604	n	(P-10303)
615.621	n	(P-10303)
615.622	n	(P-10303)
615.623	n	(P-10303)
615.701	n	(P-10303)
615.702	n	(P-10303)
615.703	n	(P-10303)
615.704	n	(P-10303)
615.705	n	(P-10303)
615.721	n	(P-10303)
615.722	n	(P-10303)
615.723	n	(P-10303)
615.724	n	(P-10303)
616.101	n	(P-9836)
616.102	n	(P-9836)
616.104	n	(P-9836)
616.105	n	(P-9836)
616.201	n	(P-9836)
616.202	n	(P-9836)
616.203	n	(P-9836)
616.204	n	(P-9836)
616.205	n	(P-9836)
616.206	n	(P-9836)
616.207	n	(P-9836)
616.208	n	(P-9836)
616.209	n	(P-9836)
616.210	n	(P-9836)
616.211	n	(P-9836)
616.301	n	(P-9836)
616.302	n	(P-9836)
616.302	n	(P-9836)
616.304	n	(P-9836)
616.305	n	(P-9836)
616.306	n	(P-9836)
616.307	n	(P-9836)
616.401	n	(P-9836)
616.402	n	(P-9836)
616.421	n	(P-9836)
616.422	n	(P-9836)
616.423	n	(P-9836)
616.424	n	(P-9836)
616.425	n	(P-9836)
616.441	n	(P-9836)
616.442	n	(P-9836)
616.443	n	(P-9836)
616.444	n	(P-9836)
616.445	n	(P-9836)
616.446	n	(P-9836)
616.447	n	(P-9836)
616.461	n	(P-9836)
616.462	n	(P-9836)
616.463	n	(P-9836)
616.464	n	(P-9836)
616.501	n	(P-9836)
616.502	n	(P-9836)
616.601	n	(P-9836)
616.602	n	(P-9836)
616.603	n	(P-9836)
616.604	n	(P-9836)
616.605	n	(P-9836)
616.621	n	(P-9836)
616.622	n	(P-9836)
616.623	n	(P-9836)
616.624	n	(P-9836)
616.625	n	(P-9836)
616.701	n	(P-9836)
616.702	n	(P-9836)
616.703	n	(P-9836)
616.704	n	(P-9836)
616.705	n	(P-9836)
616.721	n	(P-9836)
616.722	n	(P-9836)
616.723	n	(P-9836)
616.724	n	(P-9836)
616.725	n	(P-9836)
617.101	n	(P-9882)
617.102	n	(P-9882)
620.105	n	(P-4234)
620.110	n	(P-4234)
620.115	n	(P-4234)
620.125	n	(P-4234)
620.130	n	(P-4234)
620.135	n	(P-4234)
620.201	n	(P-4234)
620.210	n	(P-4234)
620.220	n	(P-4234)
620.230	n	(P-4234)
620.240	n	(P-4234)
620.250	n	(P-4234)
620.260	n	(P-4234)
620.301	n	(P-4234)
620.302	n	(P-4234)
620.305	n	(P-4234)
620.310	n	(P-4234)
620.401	n	(P-4234)
620.410	n	(P-4234)
620.420	n	(P-4234)
620.430	n	(P-4234)
620.440	n	(P-4234)
620.450	n	(P-4234)
620.505	n	(P-4234)
620.510	n	(P-4234)
620.601	n	(P-4234)
620.605	n	(P-4234)
620.610	n	(P-4234)
620.615	n	(P-4234)
620.Ap.A	n	(P-4234)
620.Ap.B	n	(P-4234)
620.Ap.C	n	(P-4234)
703.183	am	(P-2376; A-9616)
703.208	n	(P-6059)
703.210	n	(P-2376; A-9616)
703.211	n	(P-2376; A-9616)
703.Ap.A	am	(P-2376; A-9616)
720.110	am	(P-5980)
720.111	am	(P-2066; A-9323) (P-5980) (P-13925/90; A-7934)
721.104	am	(P-2075; A-9332) (P-6001)
721.106	am	(P-2075; A-9332)
721.110	am	(P-13938/90; A-7950)
721.111	am	(P-2075) (P-13938/90; A-7950)
721.120	am	(P-2075; A-9332) (P-13925/90; A-7934)
721.121	am	(P-2075; A-9332)
721.122	am	(P-2075; A-9332) (P-13925/90; A-7934)
721.123	am	(P-2075; A-9332)

TITLE 35 (CONT'D)

721.124	am	(P-2075; A-9332)
721.131	am	(P-2075; A-9332) (P-6001)
721.132	am	(P-2075; A-9332)
721.133	am	(P-2075; A-9332)
721.135	n	(P-6001)
721.Ap. C	am	(P-2075; A-9332) (P-6001)
721.Ap. G	am	(P-2075; A-9332) (P-6001)
721.Ap. H	am	(P-6001)
721.Ap. I	am	(P-9288)
722.111	am	(P-2404; A-9644)
722.134	am	(P-2404; A-9644) (P-6066)
724.113	am	(P-2414; A-9654)
724.115	am	(P-2414; A-9654)
724.173	am	(P-2414; A-9654)
724.177	am	(P-2414; A-9654)
724.290	am	(P-6073)
724.321	am	(P-2414; A-9654)
724.329	am	(P-2414; A-9654)
724.356	am	(P-2414; A-9654)
724.381	am	(P-2414; A-9654)
724.401	am	(P-2414; A-9654)
724.412	am	(P-2414; A-9654)
724.416	am	(P-2414; A-9654)
724.670	am	(P-6073)
724.671	am	(P-6073)
724.672	am	(P-6073)
724.673	am	(P-6073)
724.674	am	(P-6073)
724.675	am	(P-6073)
724.930	n	(P-2414; A-9654)
724.931	n	(P-2414; A-9654)
724.932	n	(P-2414; A-9654)
724.933	n	(P-2414; A-9654)
724.934	n	(P-2414; A-9654)
724.935	n	(P-2414; A-9654)
724.936	n	(P-2414; A-9654)
724.950	n	(P-2414; A-9654)
724.951	n	(P-2414; A-9654)
724.952	n	(P-2414; A-9654)
724.953	n	(P-2414; A-9654)
724.954	n	(P-2414; A-9654)
724.955	n	(P-2414; A-9654)
724.956	n	(P-2414; A-9654)
724.957	n	(P-2414; A-9654)
724.958	n	(P-2414; A-9654)
724.959	n	(P-2414; A-9654)
724.960	n	(P-2414; A-9654)
724.961	n	(P-2414; A-9654)
724.962	n	(P-2414; A-9654)
724.963	n	(P-2414; A-9654)
724.964	n	(P-2414; A-9654)
724.965	n	(P-2414; A-9654)
725.101	am	(P-2145; A-9398)
725.113	am	(P-2145; A-9398)
725.115	am	(P-2145; A-9398)
725.173	am	(P-2145; A-9398)
725.177	am	(P-2145; A-9398)
725.290	am	(P-6043)
725.329	am	(P-2145; A-9398)
725.356	am	(P-2145; A-9398)
725.381	am	(P-2145; A-9398)
725.412	am	(P-2145; A-9398)
725.416	am	(P-2145; A-9398)
725.540	n	(P-6043)
725.541	n	(P-6043)
725.542	n	(P-6043)
725.543	n	(P-6043)
725.544	n	(P-6043)
725.545	n	(P-6043)
725.930	n	(P-2145; A-9398)
725.931	n	(P-2145; A-9398)
725.932	n	(P-2145; A-9398)
725.933	n	(P-2145; A-9398)
725.934	n	(P-2145; A-9398)
725.935	n	(P-2145; A-9398)
725.950	n	(P-2145; A-9398)
725.951	n	(P-2145; A-9398)
725.952	n	(P-2145; A-9398)
725.953	n	(P-2145; A-9398)
725.954	n	(P-2145; A-9398)
725.955	n	(P-2145; A-9398)
725.956	n	(P-2145; A-9398)
725.957	n	(P-2145; A-9398)
725.958	n	(P-2145; A-9398)
725.959	n	(P-2145; A-9398)
725.960	n	(P-2145; A-9398)
725.961	n	(P-2145; A-9398)
725.962	n	(P-2145; A-9398)
725.963	n	(P-2145; A-9398)
725.964	n	(P-2145; A-9398)
726.132	r	(P-2487; A-9727)
728.101	am	(P-2209; A-9462)
728.102	am	(P-2209; A-9462)
728.103	am	(P-2209; A-9462)
728.105	am	(P-2209; A-9462)
728.107	am	(P-2209; A-9462)
728.108	r	(P-2209; A-9462)
728.109	n	(P-2209; A-9462)
728.135	n	(P-2209; A-9462)
728.140	am	(P-2209; A-9462)
728.141	am	(P-2209; A-9462)
728.142	am	(P-2209; A-9462)
728.143	am	(P-2209; A-9462)
728.Ap.D	n	(P-2209; A-9462)
728.Ap.E	n	(P-2209; A-9462)
728.Ap.F	n	(P-2209; A-9462)
728.Ap.G	n	(P-2209; A-9462)
728.Ap.H	n	(P-2209; A-9462)
728.Tb.A	am	(P-2209; A-9462)
728.Tb.B	am	(P-2209; A-9462)
728.Tb.C	n	(P-2209; A-9462)
728.Tb.D	n	(P-2209; A-9462)
728.Tb.E	n	(P-2209; A-9462)
731.113	am	(P-6424)
731.140	am	(P-20161/90; A-6527)
731.191	am	(P-6424) (P-20161/90; A-6527)
811.101	am	(P-3166) (P-4660)
811.301	am	(P-3166) (P-4660)
811.401	am	(P-3166) (P-4660)
814.104	am	(P-4604)
814.601	n	(P-3155)
814.602	n	(P-3155)
814.701	n	(P-3155)
814.702	n	(P-3155)
814.801	n	(P-3155)
814.901	n	(P-4604)
814.902	n	(P-4604)

SAVE $3,999,994

Did you know we sell paperback books too?

To buy our entire catalog in paperback would cost over $4,000,000

Access it all now for $8.99/month

*Fair usage policy applies

Continue

TITLE 38 (CONT'D)

1075.420	n	(P-14758/90; A-1916)
1075.430	n	(P-14758/90; A-1916)
1075.440	n	(P-14758/90; A-1916)
1075.450	n	(P-14758/90; A-1916)
1075.455	n	(P-14758/90; A-1916)
1075.460	n	(P-14758/90; A-1916)
1075.465	n	(P-14758/90; A-1916)
1075.470	n	(P-14758/90; A-1916)
1075.480	n	(P-14758/90; A-1916)
1075.490	n	(P-14758/90; A-1916)
1075.500	n	(P-14758/90; A-1916)
1075.505	n	(P-14758/90; A-1916)
1075.510	n	(P-14758/90; A-1916)
1075.515	n	(P-14758/90; A-1916)
1075.520	n	(P-14758/90; A-1916)
1075.525	n	(P-14758/90; A-1916)
1075.530	n	(P-14758/90; A-1916)
1075.535	n	(P-14758/90; A-1916)
1075.540	n	(P-14758/90; A-1916)
1075.545	n	(P-14758/90; A-1916)
1075.550	n	(P-14758/90; A-1916)
1075.555	n	(P-14758/90; A-1916)
1075.560	n	(P-14758/90; A-1916)
1075.565	n	(P-14758/90; A-1916)
1075.570	n	(P-14758/90; A-1916)
1075.575	n	(P-14758/90; A-1916)
1075.580	n	(P-14758/90; A-1916)
1075.585	n	(P-14758/90; A-1916)
1075.600	n	(P-14758/90; A-1916)
1075.610	n	(P-14758/90; A-1916)
1075.620	n	(P-14758/90; A-1916)
1075.630	n	(P-14758/90; A-1916)
1075.640	n	(P-14758/90; A-1916)
1075.650	n	(P-14758/90; A-1916)
1075.660	n	(P-14758/90; A-1916)
1075.670	n	(P-14758/90; A-1916)
1075.680	n	(P-14758/90; A-1916)
1075.700	n	(P-14758/90; A-1916)
1075.705	n	(P-14758/90; A-1916)
1075.710	n	(P-14758/90; A-1916)
1075.715	n	(P-14758/90; A-1916)
1075.720	n	(P-14758/90; A-1916)
1075.725	n	(P-14758/90; A-1916)
1075.730	n	(P-14758/90; A-1916)
1075.735	n	(P-14758/90; A-1916)
1075.740	n	(P-14758/90; A-1916)
1075.745	n	(P-14758/90; A-1916)
1075.750	n	(P-14758/90; A-1916)
1075.800	n	(P-14758/90; A-1916)
1075.810	n	(P-14758/90; A-1916)
1075.820	n	(P-14758/90; A-1916)
1075.900	n	(P-14758/90; A-1916)
1075.905	n	(P-14758/90; A-1916)
1075.910	n	(P-14758/90; A-1916)
1075.915	n	(P-14758/90; A-1916)
1075.920	n	(P-14758/90; A-1916)
1075.925	n	(P-14758/90; A-1916)
1075.930	n	(P-14758/90; A-1916)
1075.935	n	(P-14758/90 A-1916)
1075.945	n	(P-14758/90; A-1916)
1075.950	n	(P-14758/90; A-1916)
1075.955	n	(P-14758/90; A-1916)
1075.960	n	(P-14758/90; A-1916)
1075.965	n	(P-14758/90 A-1916)
1075.970	n	(P-14758/90; A-1916)
1075.975	n	(P-14758/90; A-1916)
1075.980	n	(P-14758/90; A-1916)
1075.985	n	(P-14758/90; A-1916)
1075.990	n	(P-14758/90; A-1916)
1075.995	n	(P-14758/90; A-1916)
1075.1000	n	(P-14758/90; A-1916)
1075.1005	n	(P-14758/90; A-1916)
1075.1010	n	(P-14758/90; A-1916)
1075.1015	n	(P-14758/90; A-1916)
1075.1020	n	(P-14758/90; A-1916)
1075.1025	n	(P-14758/90; A-1916)
1075.1030	n	(P-14758/90; A-1916)
1075.1035	n	(P-14758/90; A-1916)
1075.1040	n	(P-14758/90; A-1916)
1075.1045	n	(P-14758/90; A-1916)
1075.1050	n	(P-14758/90; A-1916)
1075.1055	n	(P-14758/90; A-1916)
1075.1100	n	(P-14758/90; A-1916)
1075.1105	n	(P-14758/90; A-1916)
1075.1110	n	(P-14758/90; A-1916)
1075.1115	n	(P-14758/90; A-1916)
1075.1120	n	(P-14758/90; A-1916)
1075.1125	n	(P-14758/90; A-1916)
1075.1130	n	(P-14758/90; A-1916)
1075.1135	n	(P-14758/90; A-1916)
1075.1140	n	(P-14758/90; A-1916)
1075.1145	n	(P-14758/90; A-1916)
1075.1150	n	(P-14758/90; A-1916)
1075.1155	n	(P-14758/90; A-1916)
1075.1160	n	(P-14758/90; A-1916)
1075.1165	n	(P-14758/90; A-1916)
1075.1170	n	(P-14758/90; A-1916)
1075.1175	n	(P-14758/90; A-1916)
1075.1180	n	(P-14758/90; A-1916)
1075.1185	n	(P-14758/90; A-1916)
1075.1190	n	(P-14758/90; A-1916)
1075.1195	n	(P-14758/90; A-1916)
1075.1200	n	(P-14758/90 A-1916)
1075.1205	n	(P-14758/90; A-1916)
1075.1210	n	(P-14758/90; A-1916)
1075.1215	n	(P-14758/90; A-1916)
1075.1220	n	(P-14758/90; A-1916)
1075.1225	n	(P-14758/90; A-1916)
1075.1230	n	(P-14758/90; A-1916)
1075.1235	n	(P-14758/90; A-1916)
1075.1240	n	(P-14758/90 A-1916)
1075.1245	n	(P-14758/90; A-1916)
1075.1250	n	(P-14758/90; A-1916)
1075.1255	n	(P-14758/90; A-1916)
1075.1260	n	(P-14758/90; A-1916)
1075.1265	n	(P-14758/90; A-1916)
1075.1270	n	(P-14758/90; A-1916)
1075.1275	n	(P-14758/90; A-1916)
1075.1280	n	(P-14758/90; A-1916)
1075.1285	n	(P-14758/90; A-1916)
1075.1290	n	(P-14758/90; A-1916)
1075.1295	n	(P-14758/90; A-1916)
1075.1300	n	(P-14758/90; A-1916)
1075.1305	n	(P-14758/90; A-1916)
1075.1310	n	(P-14758/90; A-1916)
1075.1315	n	(P-14758/90; A-1916)
1075.1320	n	(P-14758/90; A-1916)

TITLE 38 (CONT'D)

1075.1325	n	(P-14758/90; A-1916)
1075.1400	n	(P-14758/90; A-1916)
1075.1405	n	(P-14758/90; A-1916)
1075.1410	n	(P-14758/90; A-1916)
1075.1415	n	(P-14758/90; A-1916)
1075.1420	n	(P-14758/90; A-1916)
1075.1425	n	(P-14758/90; A-1916)
1075.1430	n	(P-14758/90; A-1916)
1075.1435	n	(P-14758/90; A-1916)
1075.1440	n	(P-14758/90; A-1916)
1075.1445	n	(P-14758/90; A-1916)
1075.1450	n	(P-14758/90; A-1916)
1075.1500	n	(P-14758/90; A-1916)
1075.1510	n	(P-14758/90; A-1916)
1075.1520	n	(P-14758/90; A-1916)
1075.1530	n	(P-14758/90; A-1916)
1075.1540	n	(P-14758/90; A-1916)
1075.1550	n	(P-14758/90; A-1916)
1075.1600	n	(P-14758/90; A-1916)
1075.1610	n	(P-14758/90; A-1916)
1075.1620	n	(P-14758/90; A-1916)
1075.1630	n	(P-14758/90; A-1916)
1075.1640	n	(P-14758/90; A-1916)
1075.1650	n	(P-14758/90; A-1916)

TITLE 41

170.310	am	(P-12373/90; A-7042)
250.10	n	(P-5322/90; A-5656)
250.20	n	(P-5322/90; A-5656)
250.25	n	(P-5322/90; A-5656)
250.30	n	(P-5322/90; A-5656)
250.40	n	(P-5322/90; A-5656)
250.50	n	(P-5322/90; A-5656)
250.60	n	(P-5322/90; A-5656)
250.80	n	(P-5322/90; A-5656)
250.82	n	(P-5322/90; A-5656)
250.83	n	(P-5322/90; A-5656)
250.85	n	(P-5322/90; A-5656)
250.93	n	(P-5322/90; A-5656)
250.97	n	(P-5322/90; A-5656)
250.201	n	(P-5322/90; A-5656)
250.210	n	(P-5322/90; A-5656)
250.213	n	(P-5322/90; A-5656)
250.215	n	(P-5322/90; A-5656)
250.220	n	(P-5322/90; A-5656)
250.230	n	(P-5322/90; A-5656)
250.232	n	(P-5322/90; A-5656)
250.233	n	(P-5322/90; A-5656)
250.250	n	(P-5322/90; A-5656)
250.260	n	(P-5322/90; A-5656)
250.270	n	(P-5322/90; A-5656)
250.301	n	(P-5322/90; A-5656)
250.310	n	(P-5322/90; A-5656)
250.315	n	(P-5322/90; A-5656)
250.320	n	(P-5322/90; A-5656)
250.340	n	(P-5322/90; A-5656)
250.341	n	(P-5322/90; A-5656)
250.343	n	(P-5322/90; A-5656)
250.358	n	(P-5322/90; A-5656)
250.360	n	(P-5322/90; A-5656)
250.370	n	(P-5322/90; A-5656)
260.10	n	(P-7872)
260.15	n	(P-7872)
260.20	n	(P-7872)
260.25	n	(P-7872)
260.30	n	(P-7872)
260.35	n	(P-7872)
260.40	n	(P-7872)
260.45	n	(P-7872)
260.50	n	(P-7872)
260.55	n	(P-7872)
260.60	n	(P-7872)
260.65	n	(P-7872)
260.70	n	(P-7872)
260.75	n	(P-7872)
260.80	n	(P-7872)
260.85	n	(P-7872)

TITLE 44

4000.30	am	(P-6882)
4000.60	am	(P-6882)
5030.130	am	(P-1203; A-8843)
5040.110	am	(P-17403/90; A-7553)
5040.350	am	(P-17403/90; A-7553)

TITLE 47

100.30	am	(P-15189/90; O-1575; A-3437)
100.106	am	(P-15189/90; O-1575; A-3437)
100.110	am	(P-15189/90; O-1575; A-3437)
100.111	am	(P-15189/90; O-1575; R-3603; A-3437)
100.113	am	(P-15189/90; O-1575; R-3603; A-3437)
100.117	r	(P-15189/90; O-1575; A-3437)
100.120	am	(P-15189/90; O-1575; A-3437)
100.Ap. E	am	(P-15189/90; O-1575; A-3437)
100.Ap. F	am	(P-15189/90; O-1575; A-3437)
110.10	am	(P-10985/90; O-19076/90; R-3127; A-4410)
110.30	am	(P-10985/90; O-19076/90; R-3127; A-4410)
110.40	am	(P-10985/90; O-19076/90; R-3127; A-4410)
110.50	am	(P-10985/90; O-19076/90; R-3127; A-4410)
110.60	am	(P-10985/90; O-19076/90; R-3127; A-4410)
110.70	am	(P-10985/90; O-19076/90; R-3127; A-4410)
110.80	am	(P-10985/90; O-19076/90; R-3127; A-4410)
110.90	am	(P-10985/90; O-19076/90; R-3127; A-4410)
110.91	n	(P-10985/90; O-19076/90; R-3127; A-4410)
110.92	n	(P-10985/90; O-19076/90; R-3127; A-4410)
110.93	n	(P-10985/90; O-19076/90; R-3127; A-4410)
110.100	am	(P-10985/90; O-19076/90; R-3127; A-4410)
110.105	n	(P-10985/90; O-19076/90; R-3127; A-4410)
110.130	am	(P-10985/90; O-19076/90; R-3127; A-4410)
120.115	am	(P-8617)
350.205	am	(P-9282)

TITLE 47 (CONT'D)

350.206	am	(P-9282)
360.102	am	(P-9260)
360.103	am	(P-9260)
360.104	am	(P-9260)
360.106	am	(P-9260)
360.202	am	(P-9260)
360.302	am	(P-9260)
360.306	r	(P-9260)
360.307	#	(P-9260)
360.307	am	(P-9260)
360.308	#	(P-9260)
360.308	am	(P-9260)
360.309	#	(P-9260)
360.309	am	(P-9260)
360.310	#	(P-9260)
360.310	am	(P-9260)
360.401	am	(P-9260)
360.501	am	(P-9260)
360.502	am	(P-9260)
360.503	am	(P-9260)
360.504	am	(P-9260)
360.505	am	(P-9260)
360.506	am	(P-9260)
360.507	am	(P-9260)
360.601	am	(P-9260)
360.602	am	(P-9260)
360.603	am	(P-9260)
360.604	am	(P-9260)
360.605	am	(P-9260)
360.606	am	(P-9260)
360.701	am	(P-9260)
360.801	am	(P-9260)
360.802	am	(P-9260)
360.803	am	(P-9260)
360.901	am	(P-9260)
360.902	am	(P-9260)
360.903	am	(P-9260)
360.904	am	(P-9260)
360.905	am	(P-9260)
360.1101	am	(P-9260)

TITLE 50

754.Ex.C	am	(P-15238/90; A-4458)
909.50	am	(P-8766)
918.10	r	(P-2899)
918.20	r	(P-2899)
918.30	r	(P-2899)
918.40	r	(P-2899)
918.50	r	(P-2899)
918.60	r	(P-2899)
Il. I	r	(P-2899)
Il. II	r	(P-2899)
Il. III	r	(P-2899)
Il. IV	r	(P-2899)
1407.10	n	(P-17737/90; A-8872)
1407.20	n	(P-17737/90; A-8872)
1407.30	n	(P-17737/90; A-8872)
1407.40	n	(P-17737/90; A-8872)
1407.50	n	(P-17737/90; A-8872)
1407.60	n	(P-17737/90; A-8872)
2007.10	am	(P-17737/90; A-7658)
2007.50	am	(P-17737/90; A-7658)
2007.60	am	(P-17737/90; A-7658)
2007.70	am	(P-17737/90; A-7658)
2007.80	am	(P-17737/90; A-7658)
2007.90	am	(P-17737/90; A-7658)
2008.70	am	(P-4566; W-6788)
2009.20	am	(P-5953)
2009.30	am	(P-5953)
2009.40	am	(P-5953)
2009.60	am	(P-5953)
2009.Ex. A	am	(P-5953)
2014.10	n	(P-5975)
2014.20	n	(P-5975)
2014.30	n	(P-5975)
2014.40	n	(P-5975)
2014.Ex. A	n	(P-5975)
2801.50	am	(P-6878)
3119.20	am	(P-12127/90; A-69)
3119.30	am	(P-12127/90; A-69)
3119.40	am	(P-12127/90; A-69)
3119.50	am	(P-12127/90; A-69)
3119.60	am	(P-12127/90; A-69)
3119.70	am	(P-12127/90; A-69)
3119.Ex.A	am	(P-12127/90; A-69)
3119.Ex.B	am	(P-12127/90; A-69)
3119.Ex.C	am	(P-12127/90; A-69)
3119.Ex.D	am	(P-12127/90; A-69)
6101.10	am	(P-20205/89; A-199)
6101.20	am	(P-20205/89; A-199)
6101.40	am	(P-20205/89; A-199)
6101.50	am	(P-20205/89; A-199)
6101.100	am	(P-20205/89; A-199)
6101.110	am	(P-20205/89; O-2117/90; M-365; A-199)
6101.111	n	(P-20205/89; A-199)
6101.112	n	(P-20205/89; A-199)
6101.130	am	(P-20205/89; A-199)
6101.140	am	(P-20205/89; A-199)
6101.141	n	(P-20205/89; A-199)
6101.142	n	(P-20205/89; A-199)
6101.160	r	(P-20205/89; A-199)
6101.20	am	(P-20205/89; A-199)
6101.20	am	(P-20205/89; A-199)
6101.20	am	(P-20205/89; A-199)
6602.10	n	(P-7391)
6602.20	n	(P-7391)
6602.Ap.A	n	(P-7391)
6602.Ap.B	n	(P-7391)
6602.Ap.C	n	(P-7391)
6602.Ap.D	n	(P-7391)
6602.Ap.E	n	(P-7391)
6602.Ap.F	n	(P-7391)
6602.Ap.G	n	(P-7391)
6602.Ap.H	n	(P-7391)
6602.Ap.I	n	(P-7391)
6602.Ap.J	n	(P-7391)
6602.Ap.K	n	(P-7391)
6602.Ap.L	n	(P-7391)
6602.Ap.M	n	(P-7391)
7020.10	am	(P-18441/90; A-8221)
7020.20	am	(P-18441/90; A-8221)
7020.30	am	(P-18441/90; A-8221)
7020.40	am	(P-18441/90; A-8221)
7020.50	am	(P-18441/90; A-8221)
7020.60	am	(P-18441/90; A-8221)
7020.70	am	(P-18441/90; A-8221)

TITLE 50 (CONT'D)

7030.20	am	(P-18434/90; A-8214)
7030.20	am	(P-18434/90; A-8214)
7100.70	am	(P-6863)
8010.20	am	(P-7518)
8010.30	am	(P-7518)

TITLE 56

205.Tb.A	am	(P-4872)
2600.20	am	(P-691)
2610.60	am	(P-16117/90; A-7595)
2610.100	am	(P-13074/90; A-10386)
2610.110	am	(P-3641)
2610.120	am	(P-3641)
2610.130	am	(P-13074/90; A-10386)
2610.150	n	(P-13074/90; A-10386)
2610.Ap.A	am	(P-16117/90; A-7595)
2610.Ap.B	n	(P-16117/90; A-7595)
Il.A	n	(P-16117/90; A-7595)
Il.B	n	(P-16117/90; A-7595)
Il.C	n	(P-16117/90; A-7595)
Il.D	n	(P-16117/90; A-7595)
Il.E	n	(P-16117/90; A-7595)
2625.25	n	(P-13045/90; A-13068)
2625.30	n	(P-13045/90; A-13068)
2625.40	n	(P-13045/90; A-13068)
2625.50	n	(P-13045/90; A-13068)
2625.60	n	(P-13045/90; A-13068)
2625.70	n	(P-13045/90; A-13068)
2625.80	n	(P-13045/90; A-13068)
2630.82	am	(P-8081)
2630.82	am	(P-8081)
2650.50	am	(P-19503/90; W-3602)
2730.150	n	(P-9817)
2730.155	n	(P-9817)
2732.125	n	(P-6382)
2765.220	n	(P-3381)
2765.325	am	(P-13910/90; A-185)
2770.110	am	(P-15659/90; A-172)
2770.400	r	(P-3368; A-8553)
2770.405	r	(P-3368; A-8553)
2770.410	r	(P-3368; A-8553)
2770.415	r	(P-3368; A-8553)
2770.420	r	(P-3368; A-8553)
2815.105	am	(P-17152/90; A-1817)
2875.1	r	(P-4555; A-10414)
2875.5	r	(P-4555; A-10414)
2875.10	r	(P-4555; A-10414)
2875.15	r	(P-4555; A-10414)
2875.20	r	(P-4555; A-10414)
2875.25	r	(P-4555; A-10414)
2875.30	r	(P-4555; A-10414)
2875.35	r	(P-4555; A-10414)
2875.40	r	(P-4555; A-10414)
2875.45	r	(P-4555; A-10414)
2875.50	r	(P-4555; A-10414)
2875.55	r	(P-4555; A-10414)
2875.60	r	(P-4555; A-10414)
2920.1	am	(P-5495)
2920.40	am	(P-13905/90; A-180)
2920.48	n	(P-5495)
2920.66	n	(P-5495)
2920.69	n	(P-5495)
5300.10	am	(P-10521)
5300.20	am	(P-10521)
5300.30	am	(P-10521)
5300.40	am	(P-10521)
5300.210	am	(P-10521)
5300.310	am	(P-10521)
5300.450	am	(P-10521)
5300.460	am	(P-10521)
5300.550	r	(P-10521)
5300.560	am	(P-10521)
5300.570	r	(P-10521)
5300.610	am	(P-10521)
5300.620	am	(P-10521)
5300.630	am	(P-10521)
5300.640	am	(P-10521)
5300.650	am	(P-10521)
5300.660	am	(P-10521)
5300.720	am	(P-10521)
5300.730	am	(P-10521)
5300.735	n	(P-10521)
5300.745	n	(P-10521)
5300.750	am	(P-10521)
5300.760	am	(P-10521)
5300.765	n	(P-10521)
5300.770	r	(P-10521)
5300.782	r	(P-10521)
5300.783	r	(P-10521)
5300.784	r	(P-10521)
5300.785	r	(P-10521)
5300.786	r	(P-10521)
5300.787	r	(P-10521)
5300.825	am	(P-10521)
5300.865	am	(P-10521)
5300.920	am	(P-10521)
5300.930	am	(P-10521)
5300.940	am	(P-10521)
5300.950	am	(P-10521)
5300.960	am	(P-10521)
5300.1145	n	(P-10521)
5300.1150	am	(P-10521)
5300.1160	am	(P-10521)
6000.10	am	(P-2989/90; A-4109)
6000.280	am	(P-2989/90; A-4109)
6000.330	n	(P-2989/90; A-4109)

TITLE 59

101.20	am	(P-3386; A-9316)
101.30	am	(P-3386; A-9316)
106.25	am	(P-14674/90; A-1555)
106.45	am	(P-14674/90; A-1555)
108.10	am	(P-16718/90; A-6122)
108.20	am	(P-16718/90; A-6122)
108.30	am	(P-16718/90; A-6122)
108.40	am	(P-16718/90; A-6122)
108.50	am	(P-16718/90; A-6122)
108.60	am	(P-16718/90; A-6122)
108.70	am	(P-16718/90; A-6122)
108.80	am	(P-16718/90; A-6122)
108.90	am	(P-16718/90; A-6122)
108.100	am	(P-16718/90; A-6122)
108.110	am	(P-16718/90; A-6122)
108.120	am	(P-16718/90; A-6122)
108.130	am	(P-16718/90; A-6122)
108.140	am	(P-16718/90; A-6122)
108.150	am	(P-16718/90; A-6122)

TITLE 59 (CONT'D)

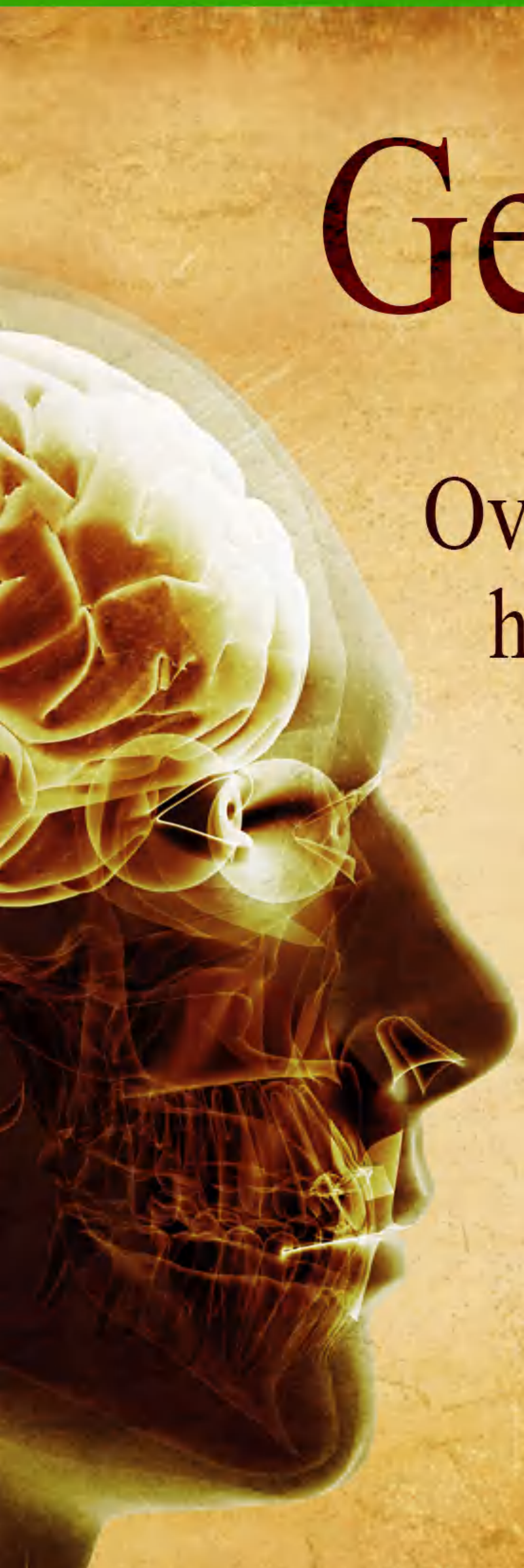
108.160	am	(P-16718/90; A-6122)
108.200	n	(P-16718/90; A-6122)
108.210	n	(P-16718/90; A-6122)
108.300	n	(P-16718/90; A-6122)
108.Ap. A	n	(P-16718/90; A-6122)
110.20	am	(P-8774)
115.410	am	(P-20138/90; A-8560)
117.100	n	(P-14671/90; A-1511)
117.110	n	(P-14671/90; A-1511)
117.115	n	(P-14671/90; A-1511)
117.120	n	(P-14671/90; A-1511)
117.125	n	(P-14671/90; A-1511)
117.130	n	(P-14671/90; A-1511)
117.135	n	(P-14671/90; A-1511)
117.140	n	(P-14671/90; A-1511)
117.145	n	(P-14671/90; A-1511)
117.200	n	(P-14671/90; A-1511)
117.205	n	(P-14671/90; A-1511)
117.210	n	(P-14671/90; A-1511)
117.215	n	(P-14671/90; A-1511)
117.220	n	(P-14671/90; A-1511)
117.225	n	(P-14671/90; A-1511)
117.230	n	(P-14671/90; A-1511)
117.235	n	(P-14671/90; A-1511)
117.240	n	(P-14671/90; A-1511)
117.300	n	(P-14671/90; A-1511)
117.305	n	(P-14671/90; A-1511)
117.310	n	(P-14671/90; A-1511)
117.315	n	(P-14671/90; A-1511)
117.320	n	(P-14671/90; A-1511)
117.325	n	(P-14671/90; A-1511)
117.330	n	(P-14671/90; A-1511)
117.335	n	(P-14671/90; A-1511)
117.340	n	(P-14671/90; A-1511)
117.345	n	(P-14671/90; A-1511)
117.350	n	(P-14671/90; A-1511)
117.Ap.A	n	(P-14671/90; A-1511)
117.II.A	n	(P-14671/90; A-1511)
117.II.B	n	(P-14671/90; A-1511)
117.Ap.B	n	(P-14671/90; A-1511)
117.II.A	n	(P-14671/90; A-1511)
117.II.B	n	(P-14671/90; A-1511)
117.II.C	n	(P-14671/90; A-1511)
117.II.D	n	(P-14671/90; A-1511)
117.II.E	n	(P-14671/90; A-1511)
130.10	am	(P-17744/90; A-8882)
130.11	n	(P-17744/90; A-8882)
130.11	am	(E-18100/90; O-21140/90; R-1171)
130.15	am	(P-17744/90; A-8882)
130.20	am	(E-18100/90; O-21140/90; R-1171) (P-17744/90; A-8882)
130.30	am	(E-18100/90; O-21140/90; R-1171) (P-17744/90; A-8882)
130.40	am	(E-18100/90; O-21140/90; R-1171) (P-17744/90; A-8882)
130.51	am	(P-17744/90; A-8882)
130.60	am	(E-18100/90; O-21140/90; R-1171) (P-17744/90; A-8882)
130.70	am	(E-18100/90; O-21140/90; R-1171) (P-17744/90; A-8882)
130.80	r	(P-17744/90; A-8882)
130.80	n	(P-17744/90; A-8882)
130.80	am	(E-18100/90; O-21140/90; R-1171)
130.90	r	(E-18100/90; O-21140/90; R-1171) (P-17744/90; A-8882)
130.100	am	(E-18100/90; O-21140/90; R-1171) (P-17744/90; A-8882)
130.105	n	(P-17744/90; A-8882)
130.110	am	(E-18100/90; O-21140/90; R-1171) (P-17744/90; A-8882)
130.120	am	(E-18100/90; O-21140/90; R-1171) (P-17744/90; A-8882)
130.130	am	(E-18100/90; O-21140/90; R-1171) (P-17744/90; A-8882)
130.140	r	(P-17744/90; A-8882)
130.140	n	(P-17744/90; A-8882)
130.140	am	(E-18100/90; O-21140/90; R-1171)
130.150	am	(E-18100/90; O-21140/90; R-1171) (P-17744/90; A-8882)
130.160	am	(E-18100/90; O-21140/90; R-1171) (P-17744/90; A-8882)
130.170	am	(E-18100/90; O-21140/90; R-1171) (P-17744/90; A-8882)
130.180	am	(E-18100/90; O-21140/90; R-1171) (P-17744/90; A-8882)
130.190	am	(E-18100/90; O-21140/90; R-1171) (P-17744/90; A-8882)
130.200	am	(E-18100/90; O-21140/90; R-1171) (P-17744/90; A-8882)
130.210	am	(E-18100/90; O-21140/90; R-1171) (P-17744/90; A-8882)
130.220	am	(E-18100/90; O-21140/90; R-1171) (P-17744/90; A-8882)
130.230	am	(E-18100/90; O-21140/90; R-1171) (P-17744/90; A-8882)
130.240	am	(E-18100/90; O-21140/90; R-1171) (P-17744/90; A-8882)
130.250	am	(E-18100/90; O-21140/90; R-1171) (P-17744/90; A-8882)
130.Tb.A	am	(E-18100/90; O-21140/90; R-1171) (P-17744/90; A-8882)
130.Tb.B	am	(E-18100/90; O-21140/90; R-1171) (P-17744/90; A-8882)

TITLE 62

220.160	am	(P-14277/90; A-1006)
240.10	am	(P-20140/90; W-5110) (P-8448)
240.200	n	(P-8448)
240.210	n	(P-8448)
240.210	r	(P-8448)
240.220	n	(P-8448)
240.220	r	(P-8448)
240.230	re	(A-8566)
240.230	n	(P-8448)
240.240	n	(P-8448)
240.240	r	(P-8448)
240.250	n	(P-8448)
240.250	re	(A-8566)
240.250	r	(P-8448)
240.255	re	(A-8566)
240.260	n	(P-8448)
240.260	r	(P-8448)
240.270	r	(P-8448)
240.280	r	(P-8448)

TITLE 62 (CONT'D)

240.300	n	(P-8448)
240.305	re	(A-8566)
240.310	re	(A-8566)
240.310	n	(P-8448)
240.320	re	(A-8566)
240.320	n	(P-8448)
240.330	re	(A-8566)
240.330	n	(P-8448)
240.340	re	(A-8566)
240.340	n	(P-8448)
240.350	re	(A-8566)
240.350	n	(P-8448)
240.360	re	(A-8566)
240.360	n	(P-8448)
240.370	re	(A-8566)
240.370	n	(P-8448)
240.380	n	(P-8448)
240.390	n	(P-8448)
240.395	n	(P-8448)
240.410	r	(P-20140/90; W-5110) (P-8448)
240.410	n	(P-20140/90; W-5110) (P-8448)
240.420	r	(P-20140/90; W-5110) (P-8448)
240.420	n	(P-20140/90; W-5110) (P-8448)
240.430	r	(P-20140/90; W-5110) (P-8448)
240.430	n	(P-20140/90; W-5110) (P-8448)
240.440	n	(P-20140/90; W-5110) (P-8448)
240.450	n	(P-20140/90; W-5110) (P-8448)
240.460	n	(P-20140/90; W-5110) (P-8448)
240.470	n	(P-20140/90; W-5110)
240.510	r	(P-8448)
240.520	r	(P-8448)
240.600	n	(P-8448)
240.610	n	(P-8448)
240.610	r	(P-8448)
240.620	n	(P-8448)
240.620	r	(P-8448)
240.630	n	(P-8448)
240.630	r	(P-8448)
240.640	n	(P-8448)
240.640	r	(P-8448)
240.650	n	(P-8448)
240.650	r	(P-8448)
240.655	r	(P-8448)
240.655	am	(P-16205/90; A-2706)
240.660	r	(P-8448)
240.670	r	(P-8448)
240.670	re	(A-8566)
240.680	r	(P-8448)
240.680	re	(A-8566)
240.700	n	(P-8448)
240.710	n	(P-8448)
240.710	re	(A-8566)
240.720	n	(P-8448)
240.720	re	(A-8566)
240.730	n	(P-8448)
240.740	n	(P-8448)
240.750	n	(P-8448)
240.760	n	(P-8448)
240.770	n	(P-8448)
240.780	n	(P-8448)
240.790	n	(P-8448)
240.805	re	(A-8566)
240.810	re	(A-8566)
240.820	re	(A-8566)
240.830	re	(A-8566)
240.840	re	(A-8566)
240.850	re	(A-8566)
240.860	re	(A-8566)
240.870	re	(A-8566)
240.880	re	(A-8566)
240.890	re	(A-8566)
240.905	re	(A-8566)
240.910	re	(A-8566)
240.920	re	(A-8566)
240.930	re	(A-8566)
240.940	re	(A-8566)
240.950	re	(A-8566)
240.960	re	(A-8566)
240.970	re	(A-8566)
240.980	re	(A-8566)
240.985	re	(A-8566)
240.990	re	(A-8566)
240.995	re	(A-8566)
240.1200	re	(A-8566)
240.1205	re	(A-8566)
240.1210	re	(A-8566)
240.1220	re	(A-8566)
240.1230	re	(A-8566)
240.1240	re	(A-8566)
240.1250	re	(A-8566)
240.1260	re	(A-8566)
240.1270	re	(A-8566)
240.1300	re	(A-8566)
240.1305	re	(A-8566)
240.1310	re	(A-8566)
240.1320	re	(A-8566)
240.1330	re	(A-8566)
240.1340	re	(A-8566)
240.1350	re	(A-8566)
240.1360	re	(A-8566)
240.1370	re	(A-8566)
240.1380	re	(A-8566)
240.1385	re	(A-8566)
240.1390	re	(A-8566)
240.1395	re	(A-8566)
240.1400	re	(A-8566)
240.1500	re	(A-8566)
1700.11	am	(P-1235)
1701.Ap. A	am	(P-1242)
1702.1	n	(P-1221)
1702.5	n	(P-1221)
1702.10	n	(P-1221)
1702.11	n	(P-1221)
1702.12	n	(P-1221)
1702.13	n	(P-1221)
1702.14	n	(P-1221)
1702.15	n	(P-1221)
1702.16	n	(P-1221)
1702.17	n	(P-1221)
1702.18	n	(P-1221)
1761.11	am	(P-1212)
1761.12	am	(P-1212)
1772.11	am	(P-1347)
1772.14	am	(P-1347)
1773.5	am	(P-1352)
1773.11	am	(P-1352)
1773.15	am	(P-1352)



Get Smart

Over 2,000 years of human knowledge in 797,885 volumes

Instant access $8.99/month

Continue

*Fair usage policy applies

TITLE 77 (CONT'D)

350.1220	am	(P-9833/90; A-466)
350.3220	am	(P-9833/90; A-466)
350.3240	am	(P-9833/90; A-466)
350.3260	am	(P-9833/90; A-466)
350.3710	am	(P-9833/90; A-466)
350.3720	am	(P-9833/90; A-466)
350.3730	am	(P-9833/90; A-466)
350.3750	am	(P-9833/90; A-466)
350.3770	am	(P-9833/90; A-466)
350.3780	am	(P-9833/90; A-466)
350.3810	am	(P-9833/90; A-466)
350.3880	am	(P-9833/90; A-466)
350.3900	am	(P-9833/90; A-466)
350.3940	am	(P-9833/90; A-466)
350.4010	am	(P-9833/90; A-466)
350.Tb. D	am	(P-9833/90; A-466)
350.Tb. E	am	(P-9833/90; A-466)
390.120	am	(P-4309)
390.330	am	(P-9883/90; A-1878) (P-4309)
390.1030	am	(P-9883/90; A-1878)
390.3220	am	(P-9883/90; A-1878)
390.3240	am	(P-9883/90; A-1878)
390.3260	am	(P-9883/90; A-1878)
450.5	am	(P-6440)
450.20	am	(P-6440)
450.30	am	(P-6440)
450.35	am	(P-6440)
450.60	am	(P-6440)
450.Ap.C	am	(P-6440)
500.20	am	(P-3422) (E-3593)
500.70	n	(P-3422) (E-3593)
510.10	am	(P-418; A-7718)
510.60	am	(P-418; A-7718)
510.110	am	(P-418; A-7718) (E-612)
510.120	am	(P-418; A-7718)
510.130	am	(P-418; A-7718) (E-612)
535.10	am	(P-8120)
535.20	am	(P-8120)
535.60	am	(P-16237/90; A-5722)
535.150	am	(P-16237/90; A-5722)
535.200	am	(P-16237/90; A-5722)
535.210	am	(P-8120)
535.215	n	(P-16237/90; A-5722)
535.217	n	(P-8120)
535.1000	n	(P-8120)
535.Ap.A	n	(P-8120)
540.65	n	(P-10665/90; A-1084)
540.90	am	(P-10665/90; A-1084)
540.100	am	(P-10665/90; A-1084)
540.200	n	(P-10665/90; A-1084)
550.100	n	(P-10656/90; A-1068)
550.110	n	(P-10656/90; A-1068)
550.120	n	(P-10656/90; A-1068)
550.130	n	(P-10656/90; A-1068)
590.10	r	(P-8493/90; A-1830)
590.10	n	(P-8503/90; A-1833)
590.20	r	(P-8493/90; A-1830)
590.20	n	(P-8503/90; A-1833)
590.30	r	(P-8493/90; A-1830)
590.30	n	(P-8503/90; A-1833)
590.40	r	(P-8493/90; A-1830)
590.40	n	(P-8503/90; A-1833)
590.50	r	(P-8493/90; A-1830)
590.100	r	(P-8493/90; A-1830)
590.100	n	(P-8503/90; A-1833)
590.110	r	(P-8493/90; A-1830)
590.110	n	(P-8503/90; A-1833)
590.120	r	(P-8493/90; A-1830)
590.120	n	(P-8503/90; A-1833)
590.130	r	(P-8493/90; A-1830)
590.130	n	(P-8503/90; A-1833)
590.140	r	(P-8493/90; A-1830)
590.140	n	(P-8503/90; A-1833)
590.200	n	(P-8503/90; A-1833)
590.210	n	(P-8503/90; A-1833)
590.220	n	(P-8503/90; A-1833)
590.230	n	(P-8503/90; A-1833)
590.240	n	(P-8503/90; A-1833)
590.300	n	(P-8503/90; A-1833)
590.310	n	(P-8503/90; A-1833)
590.320	n	(P-8503/90; A-1833)
590.330	n	(P-8503/90; A-1833)
590.400	n	(P-8503/90; A-1833)
590.410	n	(P-8503/90; A-1833)
590.420	n	(P-8503/90; A-1833)
590.Ap. A	n	(P-8503/90; A-1833)
590.Ap. B	n	(P-8503/90; A-1833)
590.Ap. C	n	(P-8503/90; A-1833)
590.Ap. D	n	(P-8503/90; A-1833)
595.10	am	(P-3398)
595.100	am	(P-3398)
595.110	am	(P-3398)
595.200	am	(P-3398)
595.300	am	(P-3398)
595.310	am	(P-3398)
595.320	am	(P-3398)
595.Ap. A	am	(P-3398)
595.Ap. B	am	(P-3398)
665.240	am	(P-17867/90; A-7706)
694.220	am	(P-6972)
695.10	am	(P-17873/90; A-7712)
710.210	am	(P-15246/90; W-675)
790.500	am	(P-3417; E-3537)
790.780	am	(P-3417; E-3537)
790.1107	n	(P-3417; E-3537)
790.1112	n	(P-3417; E-3537)
790.1127	am	(P-18457/90; A-6566)
790.1131	am	(P-18457/90; A-6566)
790.1390	n	(P-18457/90; A-6566)
790.1418	am	(P-3417; E-3537)
790.1420	am	(P-3417; E-3537)
790.1423	am	(P-18457/90; A-6566)
790.1425	am	(P-3417; E-3537)
790.1685	am	(P-18457/90; A-6566)
790.1710	am	(P-3417; E-3537)
790.1740	am	(P-3417; E-3537)
790.1950	am	(P-18457/90; A-6566)
790.1960	am	(P-18457/90; A-6566)
790.2020	am	(P-3417; E-3537)
790.2130	am	(P-3417; E-3537)
790.2155	am	(P-18457/90; A-6566)
790.2465	am	(P-18457/90; A-6566)
790.2485	am	(P-3417; E-3537)
790.2580	am	(P-3417; E-3537)
790.2617	am	(P-18457/90; A-6566)
790.2618	am	(P-18457/90; A-6566) (P-3417) (E-3537)

TITLE 77 (CONT'D)

790.2645	n	(P-18457/90; A-6566)
790.2655	n	(P-18457/90; A-6566)
790.2660	r	(P-18457/90; A-6566)
790.2662	am	(P-18457/90; A-6566)
790.2820	am	(P-3417; E-3537)
790.2902	am	(P-3417; E-3537)
790.3020	am	(P-3417; E-3537)
790.3027	am	(P-18457/90; A-6566)
790.3060	am	(P-3417; E-3537)
790.3140	am	(P-3417; E-3537)
790.3220	am	(P-18457/90; A-6566)
790.3308	n	(P-3417; E-3537)
790.3315	am	(P-3417; E-3537)
790.3335	am	(P-18457/90; A-6566)
790.3350	am	(P-18457/90; A-6566)
790.3488	n	(P-3417; E-3537)
790.3540	am	(P-3417; E-3537)
790.3914	am	(P-18457/90; A-6566)
790.3940	am	(P-3417; E-3537)
790.4060	am	(P-3417; E-3537)
790.4384	am	(P-18457/90; A-6566)
790.4420	am	(P-3417; E-3537)
790.4495	n	(P-3417; E-3537)
790.4580	am	(P-3417; E-3537)
790.4660	am	(P-3417; E-3537)
790.4720	am	(P-18457/90; A-6566)
790.4725	am	(P-18457/90; A-6566)
790.4728	am	(P-18457/90; A-6566)
790.4740	am	(P-3417; E-3537)
790.5030	n	(P-18457/90; A-6566)
790.5220	am	(P-3417; E-3537)
790.5300	am	(P-18457/90; A-6566)
790.5312	am	(P-3417; E-3537)
790.5320	am	(P-18457/90; A-6566)
790.5420	am	(P-3417; E-3537)
790.5483	am	(P-3417; E-3537)
790.5660	am	(P-3417; E-3537)
790.5820	am	(P-3417; E-3537)
790.5830	am	(P-3417; E-3537)
790.5900	am	(P-3417; E-3537)
790.5924	am	(P-3417; E-3537)
790.6300	am	(P-3417; E-3537)
790.6430	n	(P-18457/90; A-6566)
790.6505	n	(P-3417; E-3537)
790.6875	am	(P-3417; E-3537)
790.6960	am	(P-3417; E-3537)
790.7120	am	(P-3417; E-3537)
790.7160	am	(P-18457/90; A-6566)
790.7221	n	(P-3417; E-3537)
790.7245	n	(P-3417; E-3537)
790.7280	am	(P-18457/90; A-6566)
790.7278	am	(P-3417; E-3537)
790.7280	am	(P-3417; E-3537)
790.7740	am	(P-3417; E-3537)
790.7820	am	(P-3417; E-3537)
790.8015	am	(P-3417; E-3537) (P-18457/90; A-6566)
790.8020	am	(P-3417; E-3537)
790.8290	am	(P-3417; E-3537)
790.8500	am	(P-3417; E-3537)
790.8580	am	(P-3417; E-3537)
790.8620	am	(P-3417; E-3537)
790.9048	am	(P-18457/90; A-6566)
790.9056	am	(P-3417; E-3537)
790.9220	am	(P-3417; E-3537)
790.9420	am	(P-3417; E-3537)
790.9460	am	(P-3417; E-3537)
790.9500	am	(P-3417; E-3537)
790.9580	am	(P-3417; E-3537)
895.10	am	(P-5005)
895.20	am	(P-5005)
895.30	am	(P-5005)
895.40	am	(P-5005)
895.50	am	(P-5005)
920.10	am	(P-6460)
920.15	am	(P-6460)
920.20	am	(P-6460)
920.30	am	(P-6460)
920.40	am	(P-6460)
920.50	am	(P-6460)
920.60	am	(P-6460)
920.70	am	(P-6460)
920.80	am	(P-6460)
920.90	am	(P-6460)
920.100	am	(P-6460)
920.110	am	(P-6460)
920.120	am	(P-6460)
920.130	am	(P-6460)
920.170	n	(P-6460)
920.180	n	(P-6460)
920.Tb.A	am	(P-6460)
920.Tb. B	am	(P-6460)
920.Il. H	n	(P-6460)
925.10	am	(P-6498)
925.15	am	(P-6498)
925.20	am	(P-6498)
925.30	am	(P-6498)
925.40	am	(P-6498)
925.50	am	(P-6498)
925.Il. A	am	(P-6498)
1130.420	n	(E-4787; O-8319) (P-6100)
1130.Ap. A	n	(P-428; A-9731)
2030.10	r	(P-9153)
2030.10	n	(P-9083)
2030.20	r	(P-9153)
2030.20	n	(P-9083)
2030.30	r	(P-9153)
2030.30	n	(P-9083)
2030.40	r	(P-9153)
2030.40	n	(P-9083)
2030.50	r	(P-9153)
2030.100	n	(P-9083)
2030.105	n	(P-9083)
2030.107	n	(P-9083)
2030.110	r	(P-9153)
2030.110	n	(P-9083)
2030.115	n	(P-9083)
2030.120	r	(P-9153)
2030.120	n	(P-9083)
2030.130	r	(P-9153)
2030.130	n	(P-9083)
2030.140	n	(P-9083)
2030.150	n	(P-9083)
2030.160	n	(P-9083)
2030.210	r	(P-9153)
2030.210	n	(P-9083)
2030.220	r	(P-9153)

TITLE 77 (CONT'D)

2030.220	n	(P-9083)
2030.230	r	(P-9153)
2030.230	n	(P-9083)
2030.310	r	(P-9153)
2030.310	n	(P-9083)
2030.320	r	(P-9153)
2030.320	n	(P-9083)
2030.330	r	(P-9153)
2030.330	n	(P-9083)
2030.340	r	(P-9153)
2030.340	n	(P-9083)
2030.350	r	(P-9153)
2030.350	n	(P-9083)
2030.360	n	(P-9083)
2030.410	r	(P-9153)
2030.410	n	(P-9083)
2030.420	r	(P-9153)
2030.420	n	(P-9083)
2030.430	r	(P-9153)
2030.430	n	(P-9083)
2030.440	r	(P-9153)
2030.440	n	(P-9083)
2030.450	r	(P-9153)
2030.450	n	(P-9083)
2030.510	n	(P-9083)
2030.520	n	(P-9083)
2030.530	n	(P-9083)
2030.540	n	(P-9083)
2030.550	n	(P-9083)
2030.610	r	(P-9153)
2030.610	n	(P-9083)
2030.620	r	(P-9153)
2030.620	n	(P-9083)
2030.630	r	(P-9153)
2030.640	r	(P-9153)
2030.710	r	(P-9153)
2030.710	n	(P-9083)
2030.720	r	(P-9153)
2030.720	n	(P-9083)
2030.730	r	(P-9153)
2030.730	n	(P-9083)
2030.740	r	(P-9153)
2030.740	n	(P-9083)
2030.750	r	(P-9153)
2030.750	n	(P-9083)
2030.760	r	(P-9153)
2030.760	n	(P-9083)
2030.810	r	(P-9153)
2030.810	n	(P-9083)
2030.820	r	(P-9153)
2030.820	n	(P-9083)
2030.830	n	(P-9083)
2030.840	n	(P-9083)
2030.850	n	(P-9083)
2030.910	r	(P-9153)
2030.910	n	(P-9083)
2030.920	r	(P-9153)
2030.930	r	(P-9153)
2030.940	r	(P-9153)
2030.950	r	(P-9153)
2030.960	r	(P-9153)
2030.970	r	(P-9153)
2030.980	r	(P-9153)
2030.1010	r	(P-9153)
2030.1010	n	(P-9083)
2030.1020	r	(P-9153)
2030.1020	n	(P-9083)
2030.1030	r	(P-9153)
2030.1030	n	(P-9083)
2030.1040	r	(P-9153)
2030.1040	n	(P-9083)
2030.1010	r	(P-9153)
2030.1050	n	(P-9083)
2030.1060	n	(P-9083)
2030.1070	n	(P-9083)
2030.1080	n	(P-9083)
2030.1090	n	(P-9083)
2030.1110	r	(P-9153)
2030.1110	n	(P-9083)
2030.1120	r	(P-9153)
2030.1120	n	(P-9083)
2030.1130	r	(P-9153)
2030.1130	n	(P-9083)
2030.1140	r	(P-9153)
2030.1140	n	(P-9083)
2030.1150	n	(P-9083)
2030.1160	n	(P-9083)
2030.1205	r	(P-9153)
2030.1205	n	(P-9083)
2030.1210	r	(P-9153)
2030.1210	n	(P-9083)
2030.1215	r	(P-9153)
2030.1215	n	(P-9083)
2030.1220	r	(P-9153)
2030.1220	n	(P-9083)
2030.1225	r	(P-9153)
2030.1225	n	(P-9083)
2030.1230	r	(P-9153)
2030.1230	n	(P-9083)
2030.1235	r	(P-9153)
2030.1240	r	(P-9153)
2030.1245	r	(P-9153)
2030.1245	n	(P-9083)
2030.1250	r	(P-9153)
2030.1250	n	(P-9083)
2030.1255	r	(P-9153)
2030.1255	n	(P-9083)
2030.1260	r	(P-9153)
2030.1265	r	(P-9153)
2030.1265	n	(P-9083)
2030.1270	r	(P-9153)
2030.1310	r	(P-9153)
2030.1320	r	(P-9153)
2030.1320	n	(P-9083)
2030.1330	r	(P-9153)
2030.1340	r	(P-9153)
2030.1350	r	(P-9153)
2031.10	r	(P-9149)
2032.10	r	(P-9218)
2032.15	r	(P-9218)
2032.20	r	(P-9218)
2032.25	r	(P-9218)
2032.30	r	(P-9218)
2032.35	r	(P-9218)
2032.40	r	(P-9218)
2032.45	r	(P-9218)
2032.50	r	(P-9218)

TITLE 77 (CONT'D)

2032.55	r	(P-9218)
2032.60	r	(P-9218)
2058.105	am	(P-6457/90; A-2597) (P-8337)
2058.110	am	(P-6457/90; A-2597) (P-8337)
2058.115	am	(P-8337)
2058.120	am	(P-6457/90; A-2597)
2058.125	am	(P-6457/90; A-2597)
2058.130	am	(P-8337)
2058.135	r	(P-8337)
2058.200	am	(P-8337)
2058.205	am	(P-8337)
2058.220	am	(P-8337)
2058.230	am	(P-6457/90; A-2597) (P-8337)
2058.235	am	(P-6457/90; A-2597)
2058.303	am	(P-6457/90; A-2597)
2058.303	r	(P-8337)
2058.306	am	(P-6457/90; A-2597) (P-8337)
2058.309	am	(P-6457/90; A-2597) (P-8337)
2058.312	am	(P-6457/90; A-2597) (P-8337)
2058.315	am	(P-6457/90; A-2597) (P-8337)
2058.318	am	(P-6457/90; A-2597) (P-8337)
2058.319	n	(P-6457/90; A-2597)
2058.321	am	(P-6457/90; A-2597) (P-8337)
2058.324	am	(P-8337)
2058.327	am	(P-6457/90; A-2597) (P-8337)
2058.330	am	(P-6457/90; A-2597) (P-8337)
2058.333	am	(P-6457/90; A-2597) (P-8337)
2058.336	am	(P-6457/90; A-2597) (P-8337)
2058.342	am	(P-6457/90; A-2597) (P-8337)
2058.343	n	(P-6457/90; A-2597)
2058.343	am	(P-8337)
2058.348	am	(P-6457/90; A-2597) (P-8337)
2058.351	am	(P-8337)
2058.354	am	(P-6457/90; A-2597) (P-8337)
2058.357	am	(P-8337)
2058.360	am	(P-8337)
2058.363	am	(P-8337)
2058.366	am	(P-6457/90; A-2597) (P-8337)
2058.369	am	(P-8337)
2058.372	am	(P-8337)
2058.374	am	(P-8337)
2058.376	am	(P-8337)
2058.378	am	(P-8337)
2058.380	am	(P-8337)
2058.382	am	(P-8337)
2058.384	am	(P-8337)
2058.386	am	(P-8337)
2058.388	am	(P-8337)
2058.390	am	(P-8337)
2058.392	am	(P-8337)
2058.394	am	(P-8337)
2058.396	am	(P-8337)
2058.400	am	(P-6457/90; A-2597)
2058.405	am	(P-6457/90; A-2597)
2058.410	am	(P-6457/90; A-2597) (P-8337)
2058.600	am	(P-6457/90; A-2597) (P-8337)
2058.602	am	(P-8337)
2058.603	am	(P-8337)
2058.630	am	(P-8337)
2058.700	am	(P-8337)
2058.705	am	(P-6457/90; A-2597)
2058.805	am	(P-6457/90; A-2597)
2058.900	am	(P-6457/90; A-2597)
2058.905	am	(P-6457/90; A-2597)
2090.10	am	(P-9785) (E-10222)
2090.20	am	(P-9785) (E-10222)
2090.30	am	(P-9785) (E-10222)
2090.40	am	(P-9785) (E-10222)
2090.50	am	(P-9785) (E-10222)
2530.Ap. B	am	(P-17428/90; A-1821)

TITLE 80

150.430	am	(P-5200)
303.102	am	(P-4801) (E-5076)
303.125	am	(P-17399/90; A-5214)
303.290	am	(P-4801) (E-5076)
303.380	n	(P-4801) (E-5076)
310.30	am	(P-4497)
310.40	am	(P-4497)
310.100	am	(P-6364)
310.230	am	(P-6364)
310.280	am	(P-4497)
310.290	am	(P-4497)
310.320	am	(P-4497)
310.230	am	(P-14657/90; A-3296)
310.450	am	(P-5147) (E-10485)
310.490	am	(P-6364)
310.530	am	(P-5147) (E-10485)
310.540	am	(P-5147) (E-10485)
310.Ap.A	am	(PP-663) (P-14657/90; A-3296) (P-4497; W-5920) (PP-5465)
Tb. A	am	(P-4497; W-5920) (PP-5465)
Tb. B	am	(P-4497; W-5920) (PP-5465)
Tb. C	am	(P-4497)
Tb. D	am	(P-14657/90; A-3296) (P-4497)
Tb. E	am	(P-14657/90; A-3296) (P-4497)
Tb. F	am	(P-14657/90; A-3296) (P-4497)
Tb. J	am	(P-4497)
Tb. P	am	(PP-663) (P-4497) (PP-5100)
Tb. U	am	(P-4497)
310.Ap.C	am	(P-15186/90; A-4401) (P-5147) (E-10485)
310.Ap. D	am	(P-5147) (E-10485)
1540.330	am	(P-18712/90; A-7379)
1650.180	am	(P-10574)
1650.210	am	(P-10574)
1650.230	am	(P-10574)
1650.270	am	(P-10574)
1650.320	am	(P-10574)
1650.325	am	(P-10574)
1650.410	am	(P-10574)
1650.440	am	(P-10574)
1650.450	am	(P-10574)

TITLE 83

220.5	am	(P-15653/90; A-5056)
220.10	am	(P-15653/90; A-5056)
220.20	am	(P-15653/90; A-5056)
220.30	am	(P-15653/90; A-5056)
220.40	am	(P-15653/90; A-5056)
220.50	am	(P-15653/90; A-5056)
280.100	am	(P-9801)
285.210	am	(P-9807)
710.1	am	(P-20565/90; A-8205)
710.1000	am	(P-20565/90; A-8205)
730.100	n	(P-1627)
730.101	r	(P-1650)

TITLE 83 (CONT'D)

730.102	r	(P-1650)
730.103	r	(P-1650)
730.105	n	(P-1627)
730.200	n	(P-1627)
730.201	r	(P-1650)
730.202		(P-1650)
730.203	r	(P-1650)
730.300	n	(P-1627)
730.305	n	(P-1627)
730.310	n	(P-1627)
730.315	n	(P-1627)
730.320	n	(P-1627)
730.325	n	(P-1627)
730.330	n	(P-1627)
730.335	n	(P-1627)
730.400	n	(P-1627)
730.401	r	(P-1650)
730.402		(P-1650)
730.403		(P-1650)
730.404	r	(P-1650)
730.405	n	(P-1627)
730.405	r	(P-1650)
730.406		(P-1650)
730.407	r	(P-1650)
730.408		(P-1650)
730.409	r	(P-1650)
730.410	n	(P-1627)
730.415	n	(P-1627)
730.420	n	(P-1627)
730.425	n	(P-1627)
730.430	n	(P-1627)
730.435	n	(P-1627)
730.440	n	(P-1627)
730.445	n	(P-1627)
730.450	n	(P-1627)
730.500	n	(P-1627)
730.501	r	(P-1650)
730.502		(P-1650)
730.503		(P-1650)
730.504	r	(P-1650)
730.505	n	(P-1627)
730.505	r	(P-1650)
730.506		(P-1650)
730.507		(P-1650)
730.508		(P-1650)
730.509	r	(P-1650)
730.510	n	(P-1627)
730.510	r	(P-1650)
730.511	r	(P-1650)
730.515	n	(P-1627)
730.520	n	(P-1627)
730.525	n	(P-1627)
730.530	n	(P-1627)
730.535	n	(P-1627)
730.540	n	(P-1627)
730.600	n	(P-1627)
730.601	r	(P-1650)
730.602	r	(P-1650)
730.603	r	(P-1650)
730.604	r	(P-1650)
730.605	n	(P-1627)
730.605	r	(P-1650)
730.606		(P-1650)
730.607		(P-1650)
730.608	r	(P-1650)
730.609	r	(P-1650)
730.610		(P-1650)
730.611	r	(P-1650)
730.700	n	(P-1627)
730.701	r	(P-1650)
730.702		(P-1650)
730.703	r	(P-1650)
730.705	n	(P-1627)
730.710	n	(P-1627)
730.715	n	(P-1627)
730.720	n	(P-1627)
730.725	n	(P-1627)
730.801	r	(P-1650)
730.802		(P-1650)
730.803	r	(P-1650)
730.804		(P-1650)
730.805	r	(P-1650)
755.10	am	(P-19109/90; A-5624)
755.25	am	(P-19109/90; A-5624)
755.105	am	(P-19109/90; A-5624)
755.110	am	(P-19109/90; A-5624)
755.115	am	(P-19109/90; A-5624)
755.200	am	(P-19109/90; A-5624)
755.205	am	(P-19109/90; A-5624)
755.210	am	(P-19109/90; A-5624)
755.405	am	(P-19109/90; A-5624)
756.125	am	(P-18675/90; A-5618)
756.220	am	(P-18675/90; A-5618)
757.		(RC-5111)
757.10	r	(P-4803) (E-5082)
757.15	r	(P-4803) (E-5082)
757.100	r	(P-4803) (E-5082)
757.105	r	(P-4803) (E-5082)
757.110	r	(P-4803) (E-5082)
757.115	r	(P-4803) (E-5082)
757.120	r	(P-4803) (E-5082)
757.200	r	(P-4803) (E-5082)
757.205	r	(P-4803) (E-5082)
757.300	r	(P-4803) (E-5082)
757.310	r	(P-4803) (E-5082)
757.320	r	(P-4803) (E-5082)
757.330	r	(P-4803) (E-5082)
757.340	r	(P-4803) (E-5082)
757.350	r	(P-4803) (E-5082)
757.400	r	(P-4803) (E-5082)
757.410	r	(P-4803) (E-5082)
757.Ex.A	r	(P-4803) (E-5082)
757.Ex.B	r	(P-4803) (E-5082)
757.Ex.C	r	(P-4803) (E-5082)
757.Ex.D	r	(P-4803) (E-5082)
780.5	n	(P-13100/90; A-5062)
780.10	n	(P-13100/90; A-5062)
780.20	n	(P-13100/90; A-5062)
780.30	n	(P-13100/90; A-5062)

TITLE 86

110.160	am	(P-14321/90; A-3522)
130.101	am	(P-20194/90; A-6621)
130.120	am	(P-20194/90; A-6621; O-6792)
130.210	am	(P-20194/90; A-6621)
130.305	am	(P-20194/90; A-6621)
130.320	am	(P-20194/90; A-6621)

TITLE 86 (CONT'D)

130.321	n	(P-20194/90; A-6621)
130.325	am	(P-20194/90; A-6621)
130.330	am	(P-20194/90; A-6621)
130.335	am	(P-20194/90; A-6621)
130.345	am	(P-20194/90; A-6621)
130.350	am	(P-20194/90; A-6621)
130.401	am	(P-20194/90; A-6621)
130.405	am	(P-20194/90; A-6621)
130.415	am	(P-20194/90; A-6621)
130.425	am	(P-20194/90; A-6621)
130.430	am	(P-20194/90; A-6621)
130.435	am	(P-20194/90; A-6621)
130.440	am	(P-20194/90; A-6621)
130.501	am	(P-20194/90; A-6621)
130.502	n	(P-20194/90; A-6621)
130.510	am	(P-20194/90; A-6621)
130.530	am	(P-20194/90; A-6621)
130.535	am	(P-20194/90; A-6621)
130.540	am	(P-20194/90; A-6621)
130.605	am	(P-20194/90; A-6621)
130.701	am	(P-20194/90; A-6621)
130.901	am	(P-5021) (P-20194/90; A-6621)
130.905	am	(P-20194/90; A-6621)
130.910	am	(P-20194/90; A-6621)
130.1401	am	(P-20194/90; A-6621)
130.1405	am	(P-20194/90; A-6621)
130.1410	r	(P-20194/90; A-6621)
130.1415	am	(P-20194/90; A-6621)
130.1420	r	(P-20194/90; A-6621)
130.1501	am	(P-20194/90; A-6621)
130.1505	am	(P-20194/90; A-6621)
130.1701	am	(P-20194/90; A-6621)
130.1920	am	(P-20194/90; A-6621)
130.1930	am	(P-20194/90; A-6621)
130.1950	am	(P-20194/90; A-6621)
130.1951	am	(P-20194/90; A-6621) (P-8167)
130.1955	am	(P-20194/90; A-6621)
130.1970	am	(P-20194/90; A-6621)
130.1980	am	(P-20194/90; A-6621)
130.1990	am	(P-20194/90; A-6621)
130.2005	am	(P-20194/90; A-6621)
130.2007	am	(P-20194/90; A-6621)
130.2008	n	(P-20194/90; A-6621)
130.2010	am	(P-20194/90; A-6621)
130.2035	am	(P-20194/90; A-6621)
130.2040	am	(P-20194/90; A-6621)
130.2055	am	(P-20194/90; A-6621)
130.2060	am	(P-20194/90; A-6621)
130.2075	am	(P-20194/90; A-6621)
130.2080	am	(P-20194/90; A-6621)
130.2085	am	(P-20194/90; A-6621)
130.2090	am	(P-20194/90; A-6621)
130.2105	am	(P-20194/90; A-6621)
130.2115	am	(P-20194/90; A-6621)
130.2140	am	(P-20194/90; A-6621)
130.2145	am	(P-20194/90; A-6621; O-6792)
130.2150	am	(P-20194/90; A-6621)
130.2165	am	(P-20194/90; A-6621)
130.II. A	n	(P-20194/90; A-6621)
140.101	am	(P-19779/90; A-5834)
140.301	am	(P-17916/90; A-5834)
150.101	am	(P-19804/90; A-5861)
150.105	am	(P-19804/90; A-5861)
150.135	am	(P-19804/90; A-5861)
150.201	am	(P-19804/90; A-5861)
150.405	am	(P-19804/90; A-5861)
150.710	am	(P-19804/90; A-5861)
150.725	am	(P-19804/90; A-5861)
150.905	am	(P-19804/90; A-5861)
150.1101	am	(P-19804/90; A-5861)
150.1310	am	(P-19804/90; A-5861)
150.1401	am	(P-19804/90; A 5861)
150.1405	am	(P-19804/90; A-5861)
160.101	am	(P-19788/90; A-5845)
160.105	am	(P-19788/90; A-5845)
160.115	am	(P-19788/90; A-5845)
160.135	am	(P-19788/90; A-5845)
160.150	am	(P-19788/90; A-5845)
160.155	am	(P-19788/90; A-5845)
200.115	am	(P-14754/90; A-3518)
220.101	am	(P-19706/90; A-5783)
220.105	am	(P-19706/90; A-5783)
220.110	am	(P-19706/90; A-5783)
220.115	am	(P-19706/90; A-5783)
220.120	am	(P-19706/90; A-5783)
220.125	am	(P-19706/90; A-5783)
220.130	am	(P-19706/90; A-5783)
230.101	am	(P-19717/90; A-5796)
230.105	am	(P-19717/90; A-5796)
230.110	am	(P-19717/90; A-5796)
230.115	am	(P-19717/90; A-5796)
230.120	am	(P-19717/90; A-5796)
230.125	am	(P-19717/90; A-5796)
230.130	am	(P-19717/90; A-5796)
240.101	r	(P-19725/90; A-5781)
240.105	r	(P-19725/90; A-5781)
240.110	r	(P-19725/90; A-5781)
240.115	r	(P-19725/90; A-5781)
240.120	r	(P-19725/90; A-5781)
270.101	am	(P-15251/90; A-3507)
270.105	am	(P-15251/90; A-3507)
270.110	am	(P-15251/90; A-3507)
270.115	am	(P-15251/90; A-3507)
270.120	am	(P-15251/90; A-3507)
270.125	am	(P-15251/90; A-3507)
270.130	am	(P-15251/90; A-3507)
280.101	am	(P-17908/90; A-6290)
280.105	am	(P-17908/90; A-6290)
280.110	am	(P-17908/90; A 6290)
280.115	am	(P-17908/90, A-6290)
280.120	am	(P-17908/90; A-6290)
280.125	am	(P-17908/90; A-6290)
280.130	am	(P-17908/90; A-6290)
290.101	r	(P-19751/90; A-5820)
290.105	r	(P-19751/90; A-5820)
290.110	r	(P-19751/90; A-5820)
290.115	r	(P-19751/90; A-5820)
290.120	r	(P-19751/90; A-5820)
320.101	am	(P-19756/90; A-6316)
320.105	am	(P-19756/90; A-6316)
320.110	am	(P-19756/90; A-6316)
320.115	am	(P-19756/90; A-6316)
320.120	am	(P-19756/90; A-6316)
330.101	am	(P-19767/90; A-5822)
330.105	am	(P-19767/90; A-5822)
330.110	am	(P-19767/90; A-5822)
330.115	am	(P-19767/90; A-5822)

SAVE $3,999,994

Did you know we sell paperback books too?

To buy our entire catalog in paperback would cost over $4,000,000

Access it all now for $8.99/month

*Fair usage policy applies

Continue