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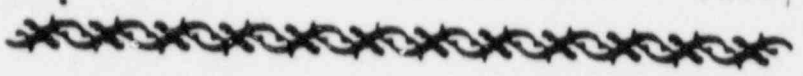
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OFFICE OF THE
DOCKETING & SERVICE
BRANCH



RADIOLOGICAL DEFENSE ADVISORY MANUAL

No. 2-5 Rev. AUGUST 1976



Radiological Intelligence
- Annex K

TO
THE EMERGENCY OPERATIONS PLAN
OF
NEW YORK STATE



Case No. 50-322-023 Official Exhibit No. 2
(OO, Board, Party)
Disposition: Identified
Rejected Received
IN THE MATTER OF:
LILCO
Date: 7-11-88 Witness: _____ Reporter: DUS
No. Pages: _____

STATE OF NEW YORK
DIVISION OF MILITARY & NAVAL AFFAIRS
RADIOLOGICAL INTELLIGENCE SECTION
Public Security Building
State Office Building Campus
Albany, N. Y. 12226

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RADIOLOGICAL INTELLIGENCE SECTION

I. MISSION

In an emergency the mission of the Radiological Intelligence Section is: to direct and coordinate activities in detecting, measuring, evaluating, and reporting weapon effects, the extent and magnitude of fallout radiation, and chemical and biological hazards; to advise the Director on remedial Radiological Defense (RADEF) actions to be taken such as shelter, relocation, etc., to protect the population from these hazards; to supervise radiological monitoring and decontamination procedures at the EOC; to coordinate Air Patrol (CAP) emergency services; to provide support assistance during natural disasters, and to assist State and local health officials in detecting and monitoring radiation hazards resulting from accidents or disasters involving radioactive materials.

II. ASSUMPTIONS

- A. Accidents resulting from the handling or transportation of radioactive materials, and the operation of nuclear facilities, pose a potential threat to the population.
- B. In a nuclear attack, the yield of single weapons will probably not be greater than 20 megatons (MT), of which yield 50% will be fission and 50% fusion.

- C. A nuclear attack might be accompanied by the use of chemical or biological warfare weapons.
- D. Nuclear attack targets or aiming areas in New York State are (1) strategic military installations, (2) industrial centers, and (3) population centers, or any combination of the above.
- E. Warning of a nuclear attack, nuclear detonation (NUDET) reports, upper air fallout (DF) data, and situation reports on attack conditions outside the State will be transmitted over NAWAS.
- F. The public will take shelter in community or family shelters having a protection factor (PF) of at least 40, and will be able to receive Radiological warnings and advisories over the Emergency Broadcast System (EBS).
- G. Each jurisdiction will be staffed and equipped to perform Radiological Intelligence operations within its jurisdiction and will possess an EOC having a PF of 100 or better.
- H. In the event of the loss of the State EOC, the District Offices will be prepared to operate on an individual

basis, and to assume responsibility for the control of Statewide Radiological Intelligence activities as directed. Likewise, the District may have to assume responsibility for an adjoining District or subordinate jurisdictions.

III. ORGANIZATION AND FUNCTIONS

- A. The Radiological Intelligence Section produces intelligence and guidance regarding the radiological, chemical or biological warfare threat for use by higher, lower and parallel organizations in preparing and conducting survival, recovery and support missions, and assists health officials in detecting and monitoring radiation hazards resulting from peacetime accidents.
- B. The Radiological Intelligence Section is headed by the Director of Radiological Intelligence, and consists of the following components (See Appendix 1.a.):
 1. Radiological Operations Branch
 - a. Reports and Advisory Unit
 - b. Plot Unit
 - c. RADEF Operations Detachment
 2. Technical Support Branch
 - a. Monitoring and Instruments Unit
 - b. Decontamination and Chemical Defense Unit

3. Civil Air Patrol (CAP) Liaison

C. Duties and Responsibilities

1. Director of Radiological Intelligence: Under the direction of the Director, is responsible for: advising the Director and the heads of other sections and services on the current radiological situation and the probable effect of weapon detonations and radiation hazards on disaster operations, on the public at large and on available resources; for coordinating Civil Air Patrol (CAP) emergency services; for directing and coordinating operations in radiological intelligence involving the location, forecast, monitoring, plotting, analysis, evaluation and reporting of fallout areas and levels of fallout radiation; for providing guidance on protective measures such as shelter, relocation and decontamination; for providing support assistance during natural disasters and to health officials in the event of peacetime accidents involving radioactive materials.
2. Supervisor, Radiological Operations Branch: Under the direction of the Director of Radiological Intelligence, directs the receipt, analysis, plotting and reporting of radiological, chemical or biological

information by the following units:

a. Reports and Advisory Unit will:

- (1) Receive, log, screen, prepare, and forward all incoming or outgoing messages and reports. Radiation exposure rate, exposure, and flash reports will be received in accordance with the schedule shown in Appendix 2.a. or more frequently as required.
- (2) Prepare warnings and advisories for dissemination by the Director to appropriate operating authorities, and to the public over the Emergency Broadcast System or other media.
- (3) Maintain log-log plots of exposure rate readings for a selected number of FMS stations.
- (4) Compute as necessary time of burst (H), time of fallout arrival (t_a), time of peak intensity (t_p), time of fallout cessation, fallout decay exponent (n), reference exposure rates (R/hr_1) when H is known or unknown, accumulated exposure sheltered and unsheltered, ground exposure rates from aerial survey reports, and convert clock time to $H+$ time for use in preparing log-log plots.

- (5) Maintain a journal and prepare script and maps for use by the Director of Radiological Intelligence, in conducting staff briefings and distributing periodic situation reports (SITREPS) to higher and lower echelons. (See Appendix 2.c).
- b. Plot Unit will:
- (1) Receive fallout arrival reports and radiation exposure-rate and accumulated exposure reports for a selected and pre-designated number of fixed monitoring stations, and from other jurisdictions.
 - (2) Plot Nuclear Detonation (NUDET) sighting reports and as necessary determine ground zero (GZ), time of burst (H), and yield.
 - (3) Maintain situation maps and overlays showing NUDETS, fallout forecasts, fallout arrival, fallout cessation, exposure rate, and total exposure as described in RDAM 10-8.
- c. RADEF Operations Detachment will:
- (1) Consist of a Radiological Intelligence Officer and 3 or more mobile survey teams.
 - (2) Be dispatched to areas seriously affected by radioactive contamination and perform on-scene radiological intelligence functions.

3. Supervisor, Technical Support Branch: Supervises the radiological, chemical and biological data collection activities, instrument repair and calibration, and decontamination activities carried on by the following units:

a. Monitoring and Instruments Unit will:

- (1) Coordinate the activities of, and give support to, all fixed, shelter, mobile and aerial monitoring units under the control of the branch.
- (2) Monitor the EOC and check remote reading radiation instruments.
- (3) Maintain exposure records, and advise on control of EOC personnel exposure to radiation.
- (4) Supply, or arrange to supply, instruments and other equipment in support of operational requirements.

b. Decontamination and Chemical Defense Unit will:

- (1) Coordinate and advise on decontamination priorities and methods.
- (2) Supervise decontamination activities in and around the immediate vicinity of the EOC.

- (3) Advise on matters pertaining to the detection of chemical and biological warfare agents, prepare intelligence reports, and recommend counter-measures.
4. Civil Air Patrol (CAP) Liaison Officer will:
- Provide assistance to the Radiological Intelligence Section in the performance of radiological control center and emergency service functions as required.
 - Provide liaison with other CAP personnel at the EOC and with CAP units at other levels.
 - Plan and coordinate aerial surveys.
5. Fixed Monitoring Stations will take measurements in accordance with established standard operating procedures (See Appendix 2.d and 3.b.) and report readings to data collection points. The data collection points promptly relay consolidated reports to the State Radiological Intelligence Section. The State fixed monitoring stations also report their readings to local emergency centers in accordance with local arrangements.
6. Aerial Survey Teams identified in Appendix 3.d, will operate under Radiological Intelligence control in accordance with established standard operating procedures

as described in RDA 2-6, New York State Aerial Radiological Survey Plan. Aerial Radiological survey is the use of radiological instruments in aircraft to determine the presence and amount of radioactive contamination on the ground. An aerial radiological survey team consists of 6 trained aerial monitors, 3 of which are pilots.

7. Mobile Radiological Survey Teams perform self-support monitoring and mobile surveys of predesignated routes, places, and facilities in accordance with established standard operating procedures and priorities. (See RDA 13-1, and Appendix 3.c). A mobile radiological survey team consists of one trained monitor and one recorder who may also be a vehicle operator.

Mobile radiological survey is the use of radiological instruments by monitors on foot, or other means of transportation, for purposes of determining in detail the extent of contamination on objects and land areas, or for purposes of providing on-the-spot radiological guidance (self-support monitoring) directly in support of essential survival and recovery missions.

Mobile survey teams established by State agencies such as the Department of Transportation and Division

of State Police will perform mobile radiological survey, or self support monitoring, in accordance with plans published by the respective agencies.

8. Shelter Monitors will perform personnel monitoring and other Radiological Monitoring as required for shelter operations. (See Federal Guide FG-E-5.9, "Handbook for Radiological Monitors").

D. Line of Succession: The line of succession within the Radiological Intelligence Section will be in accordance with lists established by the Director of Radiological Intelligence and published in Appendix 1.a.

IV. BASIC STANDARD OPERATING PROCEDURES

- A. In an emergency, personnel of the Radiological Intelligence Section will report to the EOC in accordance with Appendix 10 to Annex A and intrasection instructions issued by the Director of Radiological Intelligence (See Appendix 1.v). They will complete the necessary alerting of radiological personnel and resources and will commence operations.
- B. The activation of the Radiological Intelligence Section will be reported to the Director and next highest echelon. This report will show the type and number of Radiological personnel on duty at the EOC, the number of fixed monitoring

stations that are activated, and any critical shortages.

C. Personnel of the Radiological Intelligence Section will
(See also Appendix 2.a.):

1. Determine radiation intensity in the vicinity of the EOC and institute and oversee appropriate decontamination measures.
2. Determine and assess the initial emergency situation as related to the Section's mission.
3. Prepare reports and warnings on the radiation hazards and other weapon effects for dissemination to higher and lower echelons and to the public.
4. Evaluate radiation hazards associated with disaster missions and recommend criteria and protective measures for such missions.
5. Evaluate feasibility of protective actions or countermeasures (e.g., remedial movement and decontamination) and recommend procedures for accomplishment.
6. Coordinate CAP support activities and obtain necessary clearance for aerial radiological survey missions as required or directed.

7. Evaluate the feasibility of long-range radiation exposure control procedures, and recommend programs to minimize exposure of personnel to external radiation hazards.
8. Provide instrument distribution, repair, and calibration, and other logistical support required for radiological, chemical, and biological data collection activities.

V. COMMUNICATIONS

A. General:

1. Radiological Intelligence and weapon effects information will be communicated on a service-to-service basis that is directly from RADEF to RADEF to the extent possible. The primary means of communication will be by telephone, with radio, teletype, facsimile, NAWAS, and other means used as required and available. To provide for continued telephone service in an emergency all jurisdictions will make advance arrangements for line-load-control for at least those phones servicing the EOC RADEF Staff, and Key FMS.
2. Reports will be disseminated to higher, lower and adjacent echelons in accordance with published

schedules (See Form DEMA Rad-4) and when they are considered to be of need to such units.

3. Time - Local 24-hour clock time will be used and Eastern Daylight Time (EDT) or Eastern Standard (EST) will be specified, as appropriate, in the body of messages. (See also Form DEMA Rad-2 for FMS reports).
4. Locations - Standard UTM coordinates and place name when known, will be used on aerial photos, etc. when reporting location as location of nuclear burst sighting observers, location of observed weapon effects and RUDETS, etc.

B. Reports - FMS (Key FMS):

1. Cities will promptly transmit to the County, selected FMS readings as directed by the County.
2. Counties - will promptly transmit to the District, via telephone or other available communications, a consolidated report of selected FMS (Key FMS) readings in accordance with the reporting plan given in Appendix 2.a. and the appropriate Appendix 2.a.(1) and other special reports as described in this Annex.

3. State Fixed Monitoring Stations will report to State Agency data collection centers in accordance with parent agency plans and Form DMNA Rad-4, and to County EOC's in accordance with local arrangements.
 4. District to State RADEF: Districts will record and send (Key FMS) data on appropriate copy of Appendix 2.a (1) or Form DMNA Rad-3 in accordance with schedules shown in Form DMNA Rad-4.
 5. State to DCPA Region: State will report Radiological and Weapon Effects data to Region in accordance with Appendix 2.a (2), FG-E-2.3/4, and the Civil Defense Emergency Operations Plan for DCPA Region One.
 6. State to District: State RADEF will transmit RUDET reports, selected reports of fallout arrival, and consolidated reports of isointensity and isodose contours showing statewide hazards.
- C. Reports - Other:
1. DF Data - For purpose of fallout forecasting, the State level Communications Section will transmit DF Data via NAWAS, and/or other Communications systems as necessary, to the Districts and State Police stations. For all other considerations of the weather, actual local weather will be used.

2. Weapon Effects Reports (WERS)

A weapon effects report is a report that contains raw data required in the generation of a NUDET report and for assessing or estimating damage. Weapon effects information will be transmitted by all Key FMS as soon as the information becomes known. A weapon effects report should contain as many of the following essential elements of information as are available to the observer:

- a. Date and Time of Detonation:
- b. Location of Observer (FMS Number, UTM & Place name)
- c. Flash-to-Bang Time:
- d. Illumination Time (Seconds):
- e. True Azimuth to Cloud Stem or Center:
- f. True Azimuth to Cloud Right:
- g. True Azimuth to Cloud Left:
- h. Degrees to Cloud Top:
- i. Degrees to Cloud Bottom:
- j. Damage Observed & Location: Fires, broken glass, trees down, roof shingles blown off, bridges down, etc.

It is unlikely that any one observer will be able to report all of the above elements of information. However, at appropriate control centers, a sufficient

number of sighting reports containing various bits of information should become available to enable locating and describing a NUDET. If an EOC after 15 minutes cannot generate a NUDET report from sightings and WERS it has received, it will promptly transmit all raw data to the next highest echelon.

3. NUDET Reports

A nuclear detonation (NUDET) report is defined as a final or complete report of a nuclear detonation containing as a minimum the following elements of information:

- a. Date and time of burst (H).
- b. Location of burst - UTM and place name of ground zero (GZ).
- c. Yield of burst in megatons (MT).
- d. Type of burst such as air burst (AB), surface burst (SB), or unknown (U).

A NUDET report is derived from two or more WERS or sighting reports or from aerial photographs. Any jurisdiction that generates a NUDET report will promptly disseminate the report to higher and lower jurisdictions. A log of all NUDET reports will be maintained on Form Rad-58.

4. Fallout Arrival Report

A fallout arrival report is a report made immediately by a fixed monitoring station (FMS) when the unsheltered radiation exposure rate at the FMS reaches 0.5R/hr. Fallout arrival reports will be used to confirm whether an upwind NUDET is an air burst or surface burst and will be used to establish reference times for calculating accumulated exposure (dose). The fallout arrival time of a location is the time at which exposure starts at that location.

5. Aerial Survey Reports

Aerial survey teams will receive land line, air-drop, or other available forms and instructions as directed at the time of mission briefing and in accordance with RDAM 2-6. Requests for aerial radiological survey missions will be communicated RADEF to RADEF using land line as the primary means of communications or any other most appropriate means of communication if land line is not suitable or available. Each receiving echelon will copy the request on the multiple copy version of Form Rad-2B and CAP NYW Form 20. Survey data from completed missions will be handled in a like manner, that is, reported RADEF to RADEF.

6. Mobile Survey Reports

Mobile survey teams will report by portable radio or other available communications directly to their EOC, or to control parties (Radiological Intelligence Detachments) which will relay the reports (Form Rad-2C) to the EOC. (See RDM 13-1 for mobile survey procedures).

VI. RADIATION SAFETY STANDARDS

- A. All units will make every effort to keep the radiation exposure of disaster forces and the public to a minimum.
- B. The external radiation exposure of emergency workers should be controlled so as not to exceed 150R (roentgen) during the first 4 days of exposure; exposure of the general population should not exceed 75R during the first 4 days of exposure (See also RDM 10-7).
- C. The use of food and water suspected of being contaminated should be reduced to a minimum until adequate monitoring can be done; stored clean water and canned or covered foods should be used first and contaminated foods should be washed and scrubbed. If the effects of lack of food and water become acute, whatever is available and least contaminated should be used but in as limited quantities

as possible. Contaminated supplies will be stored to allow for radiation decay, and future use.

- D. After cessation of attack, personnel in areas where the H+1 dose rate is 50R/hr., or less, may resume normal living and not exceed an accumulated dose of 100R ERD.

VII. RESOURCES AND REQUIREMENTS DATA

Radiological resources and requirements data, maps and other operational supplies and materials are maintained on a current basis by the Radiological Intelligence Section. Appendix 3 describes radiological monitoring resources that are located throughout the jurisdiction. Appendix 4.a. lists equipment which will be maintained in a state of readiness in the EOC for Radiological staff use.

VIII. APPENDICES

1. Appendices to the State Radiological Intelligence Section Annex are published separately in N.Y. State Radiological Defense Advisory Manual RDAM 2-5.
2. District and Local Appendices are to be prepared and disseminated as appropriate by the respective jurisdiction.

VIII. APPENDICES TO THE RADIOLOGICAL INTELLIGENCE SECTION ANNEX

A. State Level Annex

Appendices to the State level Radiological Intelligence Section Annex are published separately in N.Y. State Radiological Defense Advisory Manual, RDAM 2-5, and include the following titles:

<u>Appendix Number</u>	<u>Title</u>
*1.a.	State Radiological Intelligence Section Control Center Organization, Personnel Assignments and line of Succession. 12/75
1.a.(1)	Radiological Staffing (Minimum Requirements) 2/76
*1.b.	State Radiological Intelligence Section Alerting List.
2.a., Pg. 1-14	S.O.P. For State EOC RADEF Operations. (5/75)
2.a., Pg. 15	FMS Fallout Measurement and Reporting Plan (3/76)
2.a.(1), DOW	Control Center FMS Report Log, DOW, (8/72)
2.a.(1), DOL	Control Center FMS Report Log, DOL, (8/72)
2.a.(1), DOC	Control Center FMS Report Log, DOC, (8/72)
2.a.(1), DON	Control Center FMS Report Log, DON, (8/72)
2.a.(1), DOE	Control Center FMS Report Log, DOE, (8/72)
2.a.(1), DOS	Control Center FMS Report Log, DOS, (8/72)
2.a.(2), Pg. 1.	Radiological SOP-Exchange of RADEF Information Canada/USA. (5/72)
2.a.(2), Pg. 2.	R. Y Report Areas - Canada (5/72).
2.a.(2), Pg. 3.	Region One - RADEF Operational Situation Map (6/74)**
2.a.(2), Pg. 4.	DCPA Reporting Areas, New York State - List (9/75)**
2.a.(2), Pg. 5.	DCPA Reporting Areas, New York State - Map (1/76)**
2.b.	Open
2.c.	Outline For RADEF Briefing or Situation Report (2/76)
2.d.	SOP For Fixed Monitoring Stations. (2/76)

* To be updated annually.

** Primarily for State and District EOC use.

CD Jurisdiction

WILLIAM E. REGAN, DIRECTOR
DEPARTMENT OF EMERGENCY PREPAREDNESS
COUNTY OF SUFFOLK
YAPHANK AVE. YAPHANK, N.Y. 11980

1. APPENDICES TO LOCAL RADIOLOGICAL ANNEX

<u>Appendix #</u>	<u>Subject</u>
*1.a.	Radiological Intelligence Section Organization Personnel Assignments, and Line of Succession, due each Jan.
1.a.(1)	Radiological Staffing (Ultimate Requirements)(RAD-10C, 2/76).
*1.b.	Alerting List - RADEF Personnel, due each Jan.
2.a.Pg.1	S.O.P. For E.O.C. RADEF Operations (2/76). (Additional pages to be written locally).
2.a.Pg. ___	N.Y.S. F.M.S. Fallout Measurement and Reporting Plan (RAD-4, 5/78). (Page number to be assigned by local CD).
2.a.(1)	Control Center FMS Report Log (RAD-3, 2/76). Local FMS Station numbers to be inserted in "Station" column.
2.b.	Open
2.c.	Outline For RADEF Briefing or Situation Report (RAD-4A, 2/76).
2.d.	SOP For Fixed Monitoring Stations (2/76).
2.d.(1)	Local FMS Fallout Reporting and Communications Plan.
2.e.	Identification of Monitoring Stations (RAD-1H, 2/78).
2.f.	Identification of Mobile/Self-Protecting Monitoring Unit (RAD-1E, 7/78).
3.a.	Equipment Summary (RAD-10B, 2/76).
3.a.(1)	Open
3.a.(2)	Instrument M&C Workload (RAD-10D, 2/76).
*3.a.(3)	Dosimeter & Charger Stockpile Distribution Plan (RAD-1P, 2/76) due each Jan.
3.b.(1)	Key FMS Established and Equipped (RAD-1K, 2/76).
3.c.	Monitoring Stations Established and Equipped-Mobile Net. (RAD-1M, 2/76).
*3.d.	Identification of Monitoring Station-Aerial Survey Base (RAD-1J, 6/78). Due per RDAM 6-1, App. 3

*To be updated annually

All others are to be updated biennially.

VIII. APPENDICES

3. APPENDICES TO LOCAL RADIOLOGICAL ANNEX (cont'd)

<u>Appendix #</u>	<u>Subject</u>
3.d.(1)	Preplanned Aerial Radiological Monitoring Missions (Adapted from appropriate Appendices of RDAM 2-6).
3.e.	Shelter Facilities with Monitors and Instruments (RAD-1S, 11/77).
3.e.(1)	Shelter Radiation Detection Kit (CDV-777-1 or CDV-777-2) Central Storage and Crisis Distribution Plan (RAD-1T, 2/77).
3.e.(2)	SOP For Shelter Monitor (1/77).
4.a.	Local Radiological Control Center Equipment Requirements (11/65).
4.b.	Other Resources of RADEF Interest (To be written locally).
*5.a.Pg.1 & 2	Hazardous Materials Emergency Procedure Guidelines (10/78).
5.a.Pgs. _____	Peacetime Radiological Emergency Response Plan (To be written locally).
6.a.	Peacetime Chemical Incident Response Plan (To be written locally).
6.b.	Chemical Warfare Response Plan (To be written).

*To be updated annually
All others are to be updated biennially

10/78

VIII. APPENDICES TO THE RADIOLOGICAL INTELLIGENCE SECTION ANNEX

A. State Level Annex (cont'd)

<u>Appendix Number</u>	<u>Title</u>
*3.a.	Statewide Radiological Equipment Resources Summary (3/76)
*3.a.(1)	Equipment Resources in CD Jurisdictions. (3/76)
*3.a.(2)	Instrument M+C Workload, Rad-10D. (2/76)
*3.a.(3)	Dosimeter and Charger Stockpile Distribution Plan.
3.b.	Fixed Monitoring Stations Established and Equipped (District Key FMS Location Overlays; limited Distribution- State and District EOC's).
3.b.(1)	Key FMS Established and Equipped, (DOW, DOL, DOC, DOW, DOE, DOS). 8/72
3.b.(2)	Open
3.b.(3)	State FMS Network-New York State Guard. 12/72
3.b.(4)	State FMS Network, New York State Department of Transportation.
3.b.(5)	State FMS Network, New York State Police. 6/70 7/70
3.b.(6)	State FMS Network, Miscellaneous.
3.b.(7)	Federal Agencies Monitoring Stations in NYG.
3.b.(8)	U.S. Army Installations Supp. CDV-777 Kits.
3.b.(9)	U.S. Air Force Installations Supplied With CDV-777 Kits.
3.a.	Mobile Survey Teams (To be published).
*3.d.	Aerial Survey Teams (Established and Equipped w/CDV-781) (4/76)
3.d.(1)	Preplanned Aerial Radiological Monitoring Missions. (See RDAM 2-6)
3.e.	Shelter Facilities with Monitors and Instruments (Rad-1S, 2/76) (See DCPA All Facilities Computer Printout).
3.e.(1)	Plan For CDV-777-1 Shelter Kit Storage and Crisis Distribution (To Be Written).
4.a.	State EOC RADEF Equipment Checklist (12/75).
4.b.	Other Resources of RADEF Interest. (To Be Written)

VIII. APPENDICES TO THE RADIOLOGICAL INTELLIGENCE SECTION ANNEX

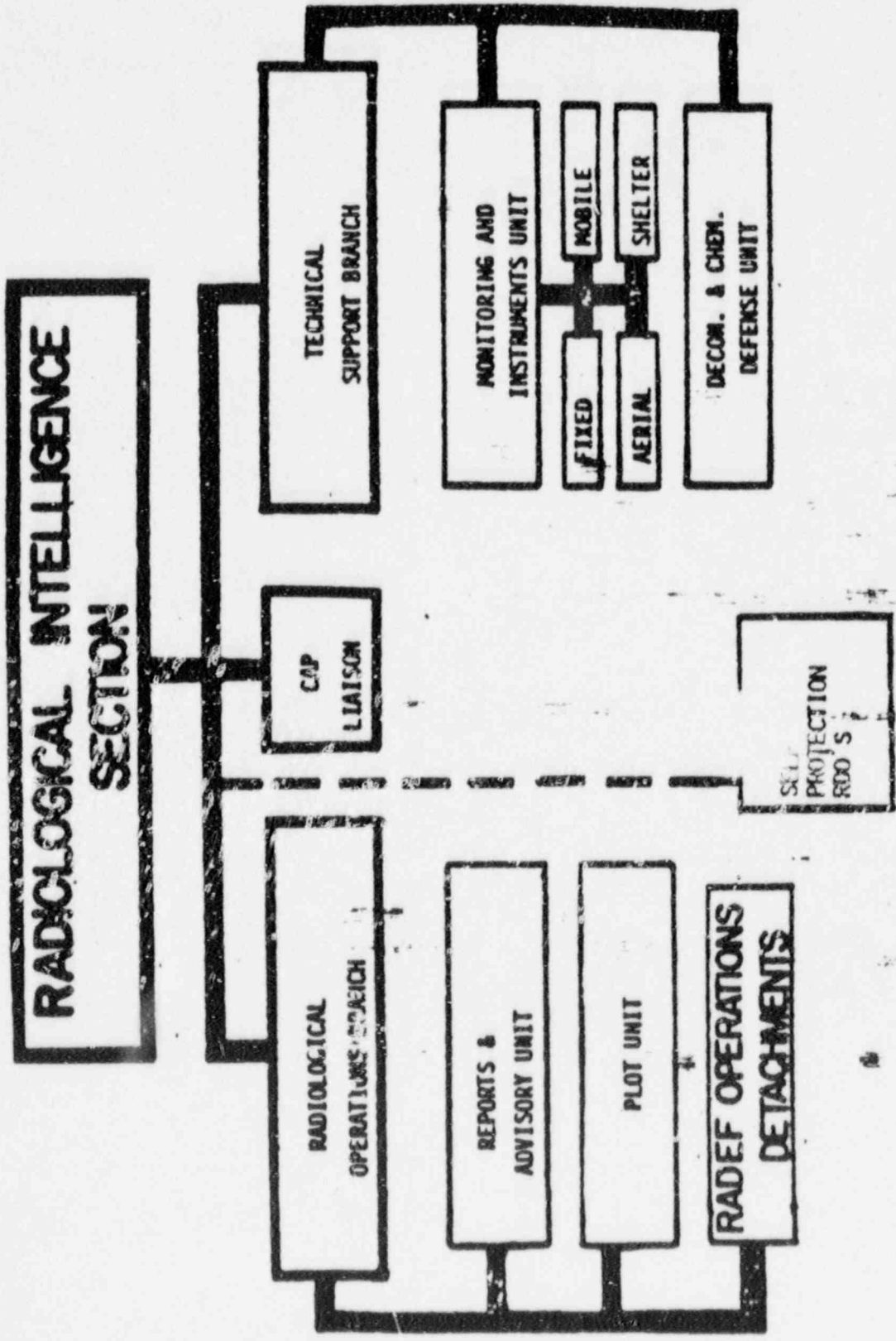
A. State Level Annex (cont'd)

<u>Appendix Number</u>	<u>Title</u>
*5.a.	Peacetime Radiological Emergency Response Plan (To Be Written).
5.b.	Excerpts From U.S. Interagency Radiological Assistance Plan. 5/76
5.c.	Radiological Emergency Assistance Team Functions, Draft May 1976.

* To be updated annually

RADIOLOGICAL INTELLIGENCE SECTION ORGANIZATION

(Date)



PERSONNEL ASSIGNMENTS AND LINE OF SUCCESSION

(Succession Indicated By Circled Numbers) * - Assigned Not Trained
1st Shift 2nd Shift

EMERGENCY OPERATIONS PLAN
 Annex K, Appendix 1.5.

RADIOLOGICAL INTELLIGENCE BRANCH

STATE OF NEW YORK

Civil Defense Jurisdiction

(Date)

- A. DIRECTOR, Radiological Intelligence *R. Jones*
- Asst. Director-----
- Steno: ----- *V. AMOS*
- B. SUP., RADIOLOGICAL OPERATIONS BRANCH -----
1. Reports, Adv. & Analysis Unit
- Head ----- *W. BRADLEY RICHMOND V. SHEPPARD*
- Message Clerks ----- (1) (1)
 (2) (2)
- Computer-Analysts----- (1) (1)
 (2) (2)
- Damage Analyst ----- (1) (1)
and in operation with no other
2. Plot Unit
- Head ----- *G. KIRKLEY BRADY*
- Plotters ----- (1) (1)
 (2) (2)
 (3) (3)
 (4) (4)
- C. SUP., TECH SUPP. BRANCH -----
1. Monitoring & Instruments Unit
- Head -----
- Monitor-----
- Aerial Survey Officer-----
2. Decon & Chem Defense Unit -----
- D. CAP LIAISON ----- *A.R.L. SPEAKING* (1) (1)
 (2) (2)
 (3) (3)

PERSONNEL ASSIGNMENTS AND LINE 3. SUCCESSION

(Succession Indicated By Circled Numbers)

1st Shift

* = Assigned Not Trained

2nd Shift

EMERGENCY OPERATIONS PLAN
Annex K (RDAM 2-5), Apr. 1, 64.

A. <u>DIRECTOR, Radiological Intelligence</u> -----	William Trolenberg (1)	Lee Battes (2)
Asst. Director-----	Stephen R. Foster (4)	Frank Griffin (3)
Steno: - - - - -	Deborah L. Plasencia *	Marie Armer*
B. <u>SUP., RADIOLOGICAL OPERATIONS BRANCH</u> - - -	Anthony Germano (5)	Earl Dressel
1. <u>Reports, Adv. & Analysis Unit</u>		
Head - - - - -	Ltc. William Allen	Suzanne Hechemy
Message Clerks - - - - - (1)		(1)
		(2)
Computer-Analysts- - - - - (1)	William Sullivan	(1)
		(2)
Damage Analyst - - - - - (1)		(1)
2. <u>Plot Unit</u>		
Head - - - - -	James Scott*	James Kawa
Plotters - - - - - (1)		(1)
		(2)
		(3)
		(4)
C. <u>SUP., TECH SUPP. BRANCH-</u> - - - -	Edward Ozimek	Anthony Scepi
1. <u>Monitoring & Instru</u> <u>it</u>		
Head - - - - -		
Monitor- - - - -		
Aerial Survey Officer- - - - -		
2. <u>Decon & Chem Defense Unit-</u> - - - -		
D. <u>CAP LIAISON</u> - - - - -	(1) Ltc. H. Botie	(1) Ltc. E. McArdle
	(2) Maj. F. Botie	(2) Lt. N. Greenberg
	(3) Ltc. G. J. Doherty	(3) Maj. Waltermen
	(4) Cpt. D. J. Bauer	

RADIOLOGICAL STAFFING

Emergency Operations Plan
Annex K, App. I, a. (1)

PERSONNEL	GOAL	PRESENT	TO BE DONE
RADEF STAFF (RDO)			
EOC	6		
Self-Protection			
MONITORS			
Fixed Station (WERS)			
Aerial			
Mobile Self-Protection	60		
Shelter			
DECON SPECIALIST	2		
MONITOR INSTRUCTORS	2		
CAP Liaison (See RDAK 2-1, App. 1.9)	6		

Date _____

Civil Defense Jurisdiction _____

RADIOLOGICAL STAFFING

(Ultimate Requirements: State, District, Local CD)

<u>PERSONNEL</u>	<u>GOAL</u>	<u>PRESENT</u>	<u>TO BE DONE</u>
<u>RADEF STAFF</u> (See RDAM 2-7)	1064	43	1021
<u>MONITORS</u>			
FIXED STATION (4 per FMS)			
KEY FMS (1 per 100 sq. mi.)	2048	99*	1949
OTHER (Per Risk Analysis)	9512	--	9512
AERIAL (6 per aerial base)	384	75	309
MOBILE - SELF SUPPORT (2)	5024	80	4944
SHELTER (See RDAM 2-7)	22,012	0	22,012
<u>DECON SPECIALIST</u>	164	0	164
<u>MONITOR INSTRUCTORS</u>	158	41	107
<u>CAP LIAISON</u> (See RDAM 2-1, App. 1.9)	384	75	309

Based on DCPA Form 304-63, January 1977 submission.
 * All FMS Combined.

DIRECTORY/ALERTING LIST
RADIOLOGICAL INTELLIGENCE SECTION
(See also RDAM 2-5, App.1.a.)

<u>Name</u>	<u>Address</u>	<u>City</u>	<u>Zip</u>	<u>Phone*</u>
<u>Director's Office</u> - - - - -				
1. William F. Trolenberg	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
2. Deborah L. Plasencia	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
<u>Radiological Operations Branch</u> - - - - -				
3. Lee Battes	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
4. Stephen R. Foster	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
5. Anthony Germano	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
<u>Technical Support Branch</u> - - - - -				
6. Frank D. Griffin	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
7. Suzanne Hechery	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
8. Marie Armer	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
9. William Sullivan	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
10. Anthony V. Scepi	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
11. Edward Ozimek	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
12. VACANT	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
13. James P. Scott	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
14. James Kawa	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
<u>MOBDES Reservists</u> (Notified By No. 3 Above)				
15. LTC William Allen	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
16. VACANT	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
<u>Other ODP Sections</u> (Notified By No. 3 Above)				
17. Earl Drassel	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
<u>Civil Air Patrol</u> (Notified By No. 3 Above)				
18. LTC H. Botie	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

NOTE: The State Warning Center will contact one individual number 1, 3, or 6. The individual contacted will notify the other two who were not alerted by the Warning Point. They in turn will alert the individuals in their Offices or Branches. If alert comes while at home, only 1 attempt will be made to alert all personnel before proceeding to the State EOC. At the State EOC a follow-up alert will be accomplished to assure that all Section personnel including CAP Wing Staff have been alerted.

ALERTING LIST

Alerted By CD
Warning Center

Alerted By Radiological and/or
Other Personnel

Date

ALERTING LIST

Alerted By CD
Warning Center

William E. Regan, Director
[REDACTED]

John V. Bilello, Dep. Director
[REDACTED]

G. Berkley Bennett, Operations Officer
[REDACTED]

Donald Terrell, Plans & Training Officer
[REDACTED]

Richard W. Boughton, Resources Mgement Officer
[REDACTED]

Sgt. Carl S. Uehlinger, #313,
Police Liaison, Command Officer
[REDACTED]

P.O. Louis Carroll, #959, Police liaison
[REDACTED]

Gabrielle Pende, Deputy Sheriff
Sheriff Liaison
[REDACTED]

Frank X. Goehle, Welfare Administrative Officer
Social Services Liaison
[REDACTED]

Vernetta I. Amos, Senior Clerk/Typist
[REDACTED]

Alerted By Radiological and/or
Other Personnel

Robert Sheppard
Radiological Liaison Officer
Dept. of Health Services
[REDACTED]

James Rossler, RADEF Service Chief
Brookhaven National Laboratory
[REDACTED]

4/82-W. Brown

Date

STANDING OPERATING PROCEDURES (SOP) FOR STATE EOC BASED OPERATIONS

The State Radiological Intelligence Section Staff, also referred to as State Radiological Defense (RADEF) staff, will take actions as appropriate and necessary during each time phase of Civil Defense and Natural Disaster activity as indicated in this SOP. The various time phases of activity, referred to as Postures of Readiness, and generally related to military defense readiness conditions are as follows:

1. POSREADY 5 - Normal day-to-day activity.
2. POSREADY 4 - Increasing International tension.
3. POSREADY 3 - Deteriorating international situation.
4. POSREADY 2 - Attack is imminent, partial alert.
5. POSREADY 1 - Attack has been launched, maximum alert.
6. RETURN to POSREADY 5.

Notice of change from one readiness condition to another will be announced and disseminated via the National Warning System (NAWAS).

In the event the State EOC or State RADEF staff is rendered inoperative, the District RADEF staff highest on the following list capable of handling statewide RADEF requirements will assume responsibility for performing RADEF functions of the State staff:

1. Central District
2. Eastern "
3. Lake "
4. Northern "
5. Southern "
6. Western "

A. Posture of Readiness 5 (POSREADY 5): Code Word "X-RAY".

Normal operational activity. This time phase or POSREADY condition is the pre-emergency phase and consists of regular day-to-day activities including planning to meet emergencies, providing support to and coordinating with Civil Air Patrol (CAP), maintaining and calibrating radiological instruments, training personnel for radiological emergency operations, and developing other radiological resources such as

A. POSREADY 5 (cont'd)

Fixed monitoring stations (FMS), aerial radiological survey teams and bases, mobile radiological survey teams, emergency reporting centers (ERC), and other facilities as are required for the State's radiological defense capability.
(See RDAM 2-1, Pre Emergency Plan and RDAM 2-5, Radiological Intelligence Activities).

The State RADEF Staff at the State Radiological Defense Center and/or obtain and maintain in operational readiness in the State Radiological Defense Room the following (See also RDAM 2-7 and Form DMNA Rad-17D):

1. NUDET Fallout Forecast Map (Form Rad-17D)
2. UTM Coordinate Scales (Form Rad-17E, 17F-2, and 17F-3).
3. State FMS Locator Map and Key (See RDAM 2-5, App. 3.b.).
4. Aerial Radiological Survey Location Map (Preplanned surveys/RDAM 2-6)
5. Map of Northeastern U.S. and Canada, such as Exxon and DCPA 1:2,500,000.
6. Map of RADEF REPORTING AREAS - Canada (RDAM 2-5, App. 2.a.(2) Pg.2, October 1976.
7. Map of DCPA Region One Reporting Areas - RDAM 2-5, App. 2.a.(2) Pg.3, October 1976.
8. FMS Fallout Measurement and Reporting Plan-N.Y. State, Form Rad-4,
9. Section Message Log (Form Rad-17G).
10. Radiological Intelligence Work Sheet (Form Rad-17C).
11. Outline for RADEF Briefing Report (Form Rad-17H).
12. DCPA Weapon Effects Reporting Form (Form Rad-17I, RDAM 2-5, App. 2.a.(2) Pg. 4.
13. Roster of DCPA Reporting Areas - New York State, RDAM 2-5, App. 2.a.(2), Pg.5, October, 76
14. NUDET Report Log (Form Rad-17J).
15. DF Data Recording Form (Form Rad-17K).
16. Aviation Weather Data Form (Form Rad-17L).
17. KFMS Report Logs (See RDAM 2-1, Appendix 2, (1))
18. FMS Report Log (Form Rad-3)
19. Dose Rate History Graph Paper (Form Rad-17M).
20. Radiation Calculator, Wade Model.
21. Group Exposure Record (Form Rad-17N).
22. Individual Radiation Exposure Record (Form Rad-17O).
23. Preplanned Aerial Survey Data Sheets (See RDAM 2-6, Appendixes 10 to 30).
24. Aerial Radiological Survey Data Sheets (Form Rad-20).
25. Preplanned Mobile Survey Data Sheets.
26. Mobile Survey Data Sheets (Form Rad-21).
27. Communications - Phones, CAP Radios, etc.
28. Instruments and Batteries
 - a. CDV-711
 - b. CDV-717
 - c. CDV-777
 - d. CDV-781, Aerial Survey Meter
 - e. Dosimeters and dosimeter
 - f. Army AN/FJW-1, Radiation

EMERGENCY OPERATIONS PLAN
Annex K (RDAM 2-5), App.2.a.
RADIOLOGICAL INTELLIGENCE SECTION

STATE OF NEW YORK

A. POSREADY 5 (cont'd)

29. Other References for Operations

- a. N.Y. State Radiological Defense Advisory Manuals (RDAM) in notebooks.
- b. GPO textbook entitled "Effects of Nuclear Weapons".
- c. District and Local Radiological Annex and Appendices.
- d. Aerial Radiological Survey Plan (RDAM 2-6) and Appendices.
- e. DCPA Region I RADEF Plan.
- f. RDAM 4-4, Data Book For RADEF Officers (In separate notebook).
- g. Radiological Intelligence Section files.

Posture of Readiness 4 (POSREADY 4): Code Word "STARLIGHT"

Minimum alert and operational activity. Upon notice of this condition of increased international tension or upon notice to be ready to provide radiological support in natural disaster or nuclear accident, the senior RADEF staff member at the State EOC will take or cause to take the following actions:

1. Alert all State Radiological Staff members and N.Y. Wing Headquarters CAP personnel to stand-by for mobilization at the EOC or other locations as assigned. (See RDAM 2-5, Appendix 1.a + 1.b and current N.Y. Wing CAP Headquarters Personnel Authorization and Alert Rosters).
2. Man EOC with Key Radiological Staff and CAP personnel (minimum level).
3. Alert all District and Local RADEF staffs, all State level radiological monitoring personnel (FMS, Aerial and Mobile) and nuclear detonation (NUDET) observation posts to commence reviewing their respective SOP's, and to stand by for orders to mobilize and commence operations.
4. Review Radiological Plan for EOC and Monitoring to include pre-planned mobile and aerial radiological surveys, remedial movement, decontamination and shelter plans and check operational readiness of items listed in paragraph A POSREADY 5, above. If natural disaster or nuclear accident, refer to Radiological Annex to Natural Disaster Plan.
5. Make an appraisal of State radiological defense readiness (See Form DCNA Rad-17D, and RDAM 2-7) and advise the Deputy Director of N.Y. State Civil Defense and DCPA Region One of status and problems.
6. Determine Radiological personnel deficits (EOC, FMS, Aerial, Decontamination, etc.), commence recruiting, and arrange for accelerated basic or refresher training (See RDAM 5-1).

B. POSREADY 4 (cont'd)

7. Review Radiological equipment resources available and arrange for procurement of any items required to eliminate deficiencies.
8. Assure that the locations of all appropriate Key Fixed Monitoring Stations (KFMS) have been marked on the Key FMS Locator Map in readiness for plotting radiological readings, and that station numbers have been recorded in the left hand column of Form Rad-3 data sheets in readiness for recording radiological readings (See RDAM 2-5, Appendix 2.a.(1)).
9. Assure that the locations of all preplanned mobile radiological survey points have been marked on the mobile survey map and that copies of Form Rad-2C are in readiness at communications centers and other locations where required.
10. Assure that the locations of all preplanned aerial radiological survey points have been marked on the aerial radiological survey operations map and that copies of Form Rad-2B are in readiness at the EOC, aerial survey bases, communications centers, all CAP other required locations (See RDAM 2-6, Appendix 10 thru 30).
11. Perform operational check of (or calibrate) Radiological instruments at EOC to include blast and thermal sensors, and instruments at State FMS's, aerial bases, and mobile teams (See RDAM 2-5, App. 2.b. Section A.21, RDAM 6-1, and RDAM 12-5).
12. Check communications systems for transmittal of radiological information to higher, subordinate and adjacent echelons (See RDAM 2-1, Appendix 1.6 and 2.1) and plan or arrange for protection, supplemental capacity, and facilities as required. This would include provision for line load control, EMP protection, installation of special phone jacks, etc. Same applies to local jurisdictions in regard to EOC's, local monitoring stations and shelter communications.

13. Disseminate DF data on a current basis, to all jurisdictions (See Form Rad-5A).
14. Plot and display DF data on a current basis in the RADEF work area and in the EOC Operations Room. Refer to Annex K as in RDM 2-1, Appendix 1.10, and 3 MT SB detonations. (Refer also EC-E-5.6/1, Users Manual Meteorological Data For Radiological Defense).
15. Review plans for the distribution of Radiological resources such as shelter RADEF kits, dosimeters, GM-701 tape recorders, etc., that have been ear-marked for crisis distribution.
16. Review dispersal and remedial movement plans for dispersal of critical resources from high risk areas to low risk areas such as:
 - a. CAP Aircraft - See RDM 2-6, Appendix 1.
17. Perform any activities listed under previous POSREADY conditions that have not been completed, or in subsequent POSREADY conditions as are indicated to be necessary by the circumstances at this time.
18. Check locker and bunk assignments for RADEF staff in preparation for two 12-hour shift operations.
19. Brief the CD Director and Staff (See Form Rad-4A).

C. Posture of Readiness 3 (POSREADY 3) Code Word: "MOONLIGHT"

Partial alert and operational activity. The international situation is deteriorating and requires the following actions:

1. Man EOC with half of Radiological Staff and assigned CAP personnel. (Full staff for 1 shift, second shift on stand-by).
2. Arrange to alert all local FMS network monitors aerial, mobile and shelter monitors to stand by for orders to mobilize and start operations.
3. Check communications with all District RADEF Officers and State FMS data collection centers and State monitoring stations and arrange for improvised or corrective measures necessary to bring to full operational readiness.
4. Improvise or improve shelter and protection factor (PF) at operational locations and in monitoring stations which have marginal protection.
5. Conduct tests and drills of monitoring station reporting procedure (See Form Rad-4 and RDAM 11-2), and of EOC RADEF staff procedures.
6. Check out personnel decontamination facilities (see RDAM 2-5, App. 3.a.1, 22, Rm. 1 and 2) and review and/or prepare procedures for the control, monitoring and decontamination of people entering the EOC.
7. Charge dosimeters in dosimeter stockpile (See RDAM 2-5, App. 3.a.1) and issue dosimeters and exposure record cards (Form Rad-19A) to all EOC staff and supporting services.
8. Obtain and distribute fresh supplies of batteries as needed, particularly to high priority (State FMS, KFMS, and Aerial) operational monitoring units.
9. Distribute equipment (not previously distributed or stockpiled for increased readiness distribution) such as dosimeters and shelter monitoring kits to planned locations. Other supplies and equipment, such as exposure record cards, monitoring station kits, radiological survey data forms, maps, computers,

C. POSREADY 3 (cont'd)

- etc., should also be distributed, and/or assembled in EOC RADEF work area if not already done. (See RDAM 2-5, Appendix 2.a., Section A, and Appendix 3.a.1).
10. Check and complete RADEF warning and advisories and prepare public information for release when required through established channels.
 11. Disperse critical resources from high risk areas to low risk areas in accordance with dispersal and remedial movement plans as follows:
 - a. CAP Aircraft - RDAM 2-6, Appendix 1).
 12. Complete plans for postattack decontamination of EOC exterior and other vital facilities in the jurisdiction by assignment of tasks, and inventory of necessary instruments, equipment, and operators.
 13. Continue Radiological Defense accelerated training where appropriate.
 14. Advise District and local jurisdictions of the line of succession from State EOC RADEF Staff to Districts in the event of a cut-off situation.
 15. Conduct briefings for director and entire EOC staff on RADEF operational capability (See Form Rad-4A).
 16. Perform activities listed under previous POSREADY conditions that have not been but should be completed or continued, and perform any activities in subsequent POSREADY conditions as are indicated to be necessary by the circumstances at this time.

D. Posture of Readiness 2 (POSREADY 2) Code Word "SUNLIGHT"

Maximum alert and operational activity. An attack is imminent which requires the following actions:

1. Man EOC Radiological Staff and FMS network at maximum level.
2. Implement contamination control at EOC and monitoring stations.
3. Complete Radiological Defense system communications check to assure that all echelons and elements are manned and ready to commence operations. Report results to director.
4. Take action as appropriate and possible concerning unmanned or non-ready FMS's.
5. Continue emergency measures for increased protection factor (PF) at EOC and monitoring stations where necessary on an improvised basis.
6. Review and complete RADEF warning and advisories, and prepare public information materials for release when required through established channels.
7. Advise all staff and subordinate elements of the official time so that all clocks and activities will be synchronized.
8. Conduct Radiological briefings for director and entire EOC staff.
9. Perform activities listed under previous POSREADY conditions that have not been, but should be completed or continued, and perform any activities in subsequent POSREADY conditions as are indicated to be necessary by the circumstances at this time.

Posture of Readiness 1 (POSREADY 1): Code Word "THUNDERBOLT"

An attack has been launched. The TAKE COVER warning signal has been sounded. The attack on this country requires all CD personnel to be assembled at their assigned mobilization points and engaged in performing their emergency tasks. Local Fixed Monitoring stations are taking radiation readings and reporting to County EOC's in accordance with State and local FMS reporting plans (See Form Rad-4). Counties will report Key Fixed Monitoring Station (KFMS) radiological readings and weapon effects information to District EOC's. District EOC's will receive nuclear detonation (NUDET) sighting and weapon effects reports, triangulate sightings, determine location, size, type, and time of burst, and transmit NUDET reports immediately to the State EOC, local EOC's and others as described in State and District Radiological Annexes. Unreconciled nuclear sighting reports will not be held at the District EOC more than 15 minutes without transmittal to State RADEF if there is an insufficient number of sighting reports and other data to generate a NUDET report.

The State Radiological Intelligence Section Staff will perform the following tasks during POSREADY 1 through H+24:

1. Perform activities listed under previous POSREADY conditions that have not been completed but should be completed or continued.
2. Activate EOC Radiological and CAP staff to full emergency level.
3. Activate State FMS network (See RDAM 2-5, App. 3.b.(3), 3.b.(4), and 3.b.(5)) to commence monitoring on a 10 minute schedule, and to report the following through the respective State Agency channels to the State EOC, Radiological Intelligence Section:
 - a. NUDET Sightings and Weapon Effects Info.
 - b. Fallout Arrival (0.5R/hr) and time of arrival.

E. Posture of Readiness 1 (POSREADY 1) (cont'd)

- c. Unsheltered Dose-Rate: Hourly on the hour for the first 24 hours.
 - d. Time that dose rate reaches 50 R/hr.
 - e. Time of peak dose rate and peak R/hr.
 - f. Time that dose rate drops to 50 R/hr.
 - g. Time that dose rate drops to 0.5 R/hr.
 - h. Accumulated unsheltered dose-Twice daily.
4. Prepare NUDET and Fallout Forecast Reports
 - a. Receive and Log Nuclear Burst Sighting Reports,
 - b. Plot and triangulate
 - c. Prepare and disseminate NUDET reports (See Form Rad-5B)
 - d. Receive and plot NUDET reports from other jurisdictions
 - e. Maintain and update NUDET plots
 - f. Apply DF Data to NUDET plots
 - g. Prepare and disseminate fallout for out arrival advisories
5. No Fallout and Fallout Arrival Reports (See Form Rad-4)
 - a. Receive and log "No Fallout" Reports
 - b. Receive and log Fallout arrival reports
 - c. Plot Fallout arrival data to Map
 - d. Transmit Fallout Arrival Reports to District
 - e. Revise Fallout arrival estimates and plot.
 - f. Prepare Revised Fallout advisories and disseminate, and Brief Director and staff.
6. Maintain maps and overlays showing NUDETS, fallout forecasts and fallout arrival.

E. POSREADY 1 (cont'd)

7. Determine and report to Director and higher echelons the status and capabilities of all elements of the radiological data collection system and EOC RADEF Staff.
8. Dose Rate Reports
 - a. Receive, Log, and disseminate Dose Rate Reports hourly
 - b. Post Data to Dose Rate Sit Map
 - c. Compute H+1 Dose Rate
 - d. Develop H+1 Dose Rate Map with Isochrones
 - e. Prepare predicted Dose Rate Map: (D+4) and other time of concern.
 - f. Distribute UTM coded report of statewide dose rate contours to Districts every 3 hours.
9. Maintain log-log plots (Form Rad-14) of dose rate readings for a selected number of FMS's experiencing fallout. Compute and/or determine as feasible:
 - a. Time of burst (H)
 - b. Time of fallout arrival (t_a)
 - c. Time of peak intensity (t_p)
 - d. Fallout decay exponent (n)
 - e. D+4 dose rate and accumulated dose
10. Accumulated Dose Reports
 - a. Twice daily receive and log total dose reports, based on FMS readings at 1000 and 2200 EST.
 - b. Post total Dose to Sit Map
 - c. Calculate total Dose for various shelters
 - d. Estimate shelter release time or need for remedial action, and prepare advisories on accumulated dose hazard.

E. POSREADY 1 (cont'd)

10. Accumulated Dose Reports (cont'd)
 - e. Distribute UTM Coded Report of Statewide dose contours to Districts
11. Prepare D+4 fallout effects overlay showing those areas in which the populus in shelters of FF's 2, 10, and 40 would receive a total dose (R) of 75 R or greater, and advise CD Director and Staff of counter-measures that should be taken prior to D+4.
12. Maintain a Section message log (COM-2) showing time of receipt and dispatch of all messages.
13. Maintain a Radiological Intelligence Worksheet (Rad-4C), and prepare script and maps for use by the Director of Intelligence or shift supervisor in conducting periodic staff briefings and preparing periodic situation reports (SITREPS) for distribution to higher and lower echelons. (See Form Rad-4A, FGE-2.3/4, District Radiological Annexes, and DCPA Region One RADEF Plan).
14. Prepare warnings and advisories for dissemination by the CD Director to appropriate operating authorities, and to the public over the Emergency Broadcast System (EBS) or other media.
15. Monitor the EOC and determine inside and outside dose rate and accumulated dose at least hourly using CDV-711 remote reading radiation instruments, CDV-777 FMS instruments, and dosimeters.
16. Maintain exposure records (Form Rad-19, and Rad-19A) and advise on control of EOC personnel exposure to radiation.
17. Submit weapons effects, damage, and casualty estimation reports to DCPA Region One in accordance with DCPA plans; Chapt. II of FGE-2.3/4; and DCPA Manual Damage Estimation Package. Also disseminate to Districts.

E. POSREADY 1 (cont'd)

18. Receive and display UTM coded or other messages from higher echelons showing the District, State or Regional radiological situation.
19. Supervise EOC decontamination requirements.
20. Determine periodically the SCATANA priority condition from FAA and DCPA and assess requirements for aerial and mobile radiological survey missions. (See RDA 2-6 and RDA 13-1).
21. Coordinate with and advise other CD services and echelons on the radiological hazards and countermeasures related to the performance of their respective missions.
22. From H+25 thru H+48, continue activity as in B. above except dose rate reports are received only every 3 hours if there are no additional NUDETS.
23. From H+49 thru D+4
 - a. Continue activity as in B. above except dose rate reports are received every 6 hours.
 - b. Determine requirements for battery replacement in portable radiological instruments.
 - c. Initiate preplanned aerial radiological survey mission of locations indicated in RDA 2-6 as required.

F. Posture of Readiness 1 (POSREADY 1): Code Word "THUNDERBOLT BACKTRACK"

Upon receipt from higher headquarters of notice of the cessation of the enemy attack, "Thunderbolt-Back" will be instituted. The possibility of attack resumption must be considered.

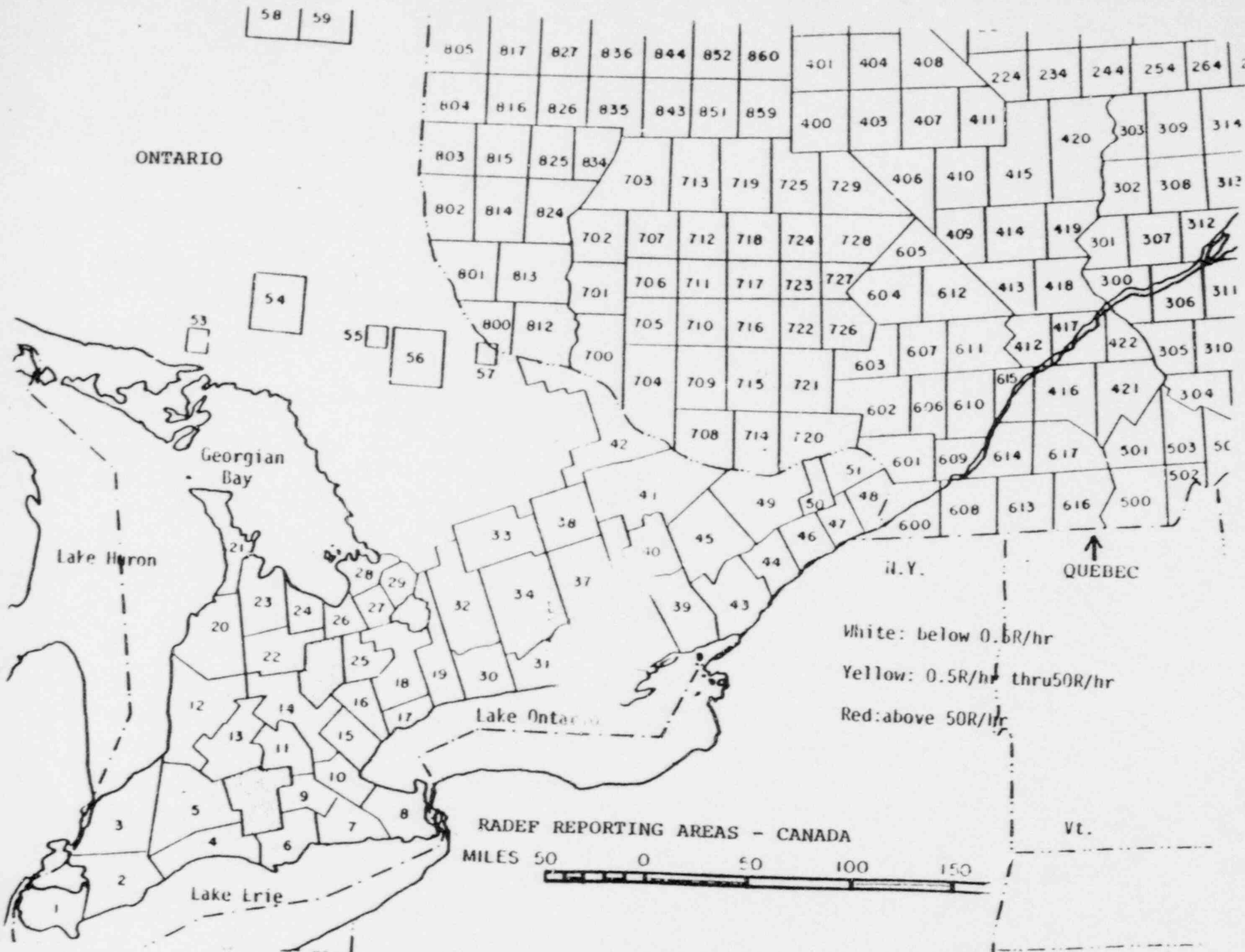
1. Maintain continuous collection and analysis of Radiological Intelligence status including out of State NUDET data for the prediction of future fallout arrival.
2. Maintain continuous estimates of Radiological situation, briefing the director and EOC staff as required or when appropriate.
3. Provide radiological monitoring and advise on countermeasures as required by other emergency service organizations in recovery operations.

WFT/dp
Rev. 8/77

RADIOLOGICAL SOP - EXCHANGE OF RADEF INFORMATION CANADA/USA

1. An agreement between Canada and the USA provides that both countries will report to each other the spread of fallout across a 100-mile wide strip extending 50 miles on each side of the border or greater if the situation warrants it, in the event of an emergency.
2. The reporting system for Canada and the United States will be on an area basis. Each reporting area is assigned a number for purposes of identification. See map on reverse side for identification of reporting areas in the Canadian provinces of Ontario and Quebec that are of interest to New York State.
3. The reporting system adopted is compatible with the emergency operations reporting outlined in FCDG-E-2.3/4 Handbook for State Civil Defense - Civil Defense Emergency Operations Reporting dated May 1971. Cross border reporting of RADEF information will be from the bordering States or Federal DCPA* region to Canadian provinces at the Regional level, and from the provinces to adjoining state or DCPA Region as applicable. If, however, a province and state, or neighboring Canadian/United States communities, wish to exchange additional information, they may do so taking into consideration the communications demands.
4. The following RADEF information will be made available and exchanged by the provinces and states concerned, with the same degree of priority that would be assigned to the handling of such information within each country:
 - (a) Fallout Forecast indicates the probable path of fallout from a nuclear detonation. It is used to advise bordering states of a potential fallout threat from a detonation occurring in Canada. A similar report will be passed to Canadian Regions from bordering states or DCPA regions.
 - (b) Fallout Warning, a message based on radiological monitoring reports. It provides a revised forecast of fallout arrival times, if necessary, plus an estimate of the probable severity of fallout radiation. It is passed in a similar manner as the initial fallout forecast.
 - (c) Fallout Report, a report of the most severe radiological condition existing in a RADEF reporting area. The degrees of hazard and color coding used to pass reports either to provinces or adjoining states as applicable are:
 - below 0.5 R/hr. - white
 - between 0.5 and 50 R/hr. - yellow
 - above 50 R/hr. - red
 - peak dose rate of above 50 R/hr. - No color code

*DCPA - Defense Civil Preparedness Agency (Formerly OCD)



DCPA Reporting Areas - New York State

Western District	DCPA Reptg. Area	Central District	DCPA Reptg. Area
	Alleghany		Cortland
	53		59
	Cattaraugus		Herkimer
	52		17
	Chautauqua		Jefferson
	51		11
	Erie		
	50		12
	Buffalo		Lewis
	49		10
	Genesee		
	44		14
	Livingston		Madison
	40		32
	Monroe		Oneida
	42		15
	Rochester		Utica
	41		16
	Niagara		Onondaga
	46		34
	Niagara Falls		Syracuse
	47		33
	No. Tonawanda		Oswego
	48		13
	Orleans		St. Lawrence
	45		3
	Wyoming		
	43		4

Lake District

Eastern District

	Cayuga		Albany
	35		26
	Chemung		Albany
	56		25
	Ontario		Broome
	38		
	Schuyler		Chenango
	55		
	Seneca		Columbia
	36		
	Steuben		Delaware
	54		2
	Tioga		Greene
	58		29
	Tompkins		Otsego
	57		31
	Wayne		Rensselaer
	37		27
	Yates		Schenectady
	39		24
			Schoharie
			30

Northern District

Southern District

	Clinton		Dutchess
	1		65
	Essex		Nassau
	6		76
			Orange
	7		67
	Franklin		Putnam
	2		66
			Rockland
	5		68
	Hamilton		Suffolk
	18		77
	Montgomery		
	23		78
	Saratoga		Sullivan
	21		63
	Warren		Ulster
	19		4
	Washington		Westchester
	20		
	Fulton		Yonkers
	22		70

New York City

	Bronx		71
	Manhattan (NY)		72
	Richmond		73
	Kings		74
	Queens		75

RADIOLOGICAL SOP -- PERIOD OF EXTREME INTERNATIONAL TENSION

The State Radiological Service and local jurisdictions will take the following actions as appropriate and necessary in the event of strategic warning or upon notification of extreme international tension:

1. Place all regular and augmented members of RADEF staff on alert.
2. Activate RADEF Service at Emergency Operating Center (EOC) with key personnel.
3. Assure that the locations of all operational fixed monitoring stations have been posted to the radiological plotting map, and that station numbers have been recorded in the left-hand column of Form NYSCDC Rad-3.
4. Perform operational check of (or calibrate) radiological instruments at State EOC and local jurisdictions to include FMS's.
5. Obtain and distribute fresh supplies of batteries as needed.
6. Disperse equipment (not previously distributed) such as dosimeters and shelter monitoring kits to planned locations. Other supplies and equipment, such as exposure record cards, monitoring station kits, radiological survey data forms, maps, computers, etc., should also be distributed, and/or assembled in EOC RADEF work area.
7. Check communications with all State net monitoring stations and arrange for improvised or corrective measures necessary to bring to full operational readiness. This would include provision for line load control, installation of special phone jacks, etc. Same applies to local jurisdictions in regard to local monitoring stations or shelter communications. Improvise or improve shelter PF in monitoring stations which have marginal protection.
8. Conduct tests and drills of monitoring station reporting procedure.
9. Maintain and plot UF data on current basis. Display same on maps in the EOC Operations Room.
10. Issue dosimeters and exposure record cards to all EOC staff and supporting services.
11. Perform operability checks on blast, thermal and radiation sensors that activate EOC closure and alarm system.
12. Check out personnel decontamination facility and procedures for the control, monitoring and decontamination of people entering the EOC.
13. Complete plans for decontamination of EOC exterior by assignment of tasks, and inventory of necessary instruments, equipment, and operators.
14. Check and complete RADEF warning advisories and prepare public information for release when required through established channels.
15. Conduct refresher training for RADEF EOC staff and others where appropriate.

OUTLINE FOR RADEF BRIEFING OR SITUATION REPORT

The following outline is for use by the Radiological Section shift supervisor as a guide for the conduct of periodic staff briefings or the preparation of situation reports (SITREPS). Items will be deleted or added as required. Subjects marked ** may be better explained by use of visual presentations or the situation map. Form Rad-4C may be used for assembling information.

A. PREEMERGENCY BRIEFING

1. Status of EOC

- a. RADEF Staff and CAP Support Personnel (See Appendix I.A.)
- b. EOC Monitoring and detection capability.
- c. EOC Decontamination plan.

2. Status of RADEF capability in jurisdiction (See Form DMNA Rad-17D)

- a. Fixed monitor stations, aerial survey teams, mobile teams.
- b. Shelter Facilities manned for radiological monitoring.
- c. Dosimeter stockpile distribution.

3. Analysis of Risk / Threat and Weather

- a. Current plot of DF data and other weather reports.
- b. Target areas of concern.

4. Recommended actions: RADEF and other staff sections

- a. Countermeasures: Shelter planning, improvised shelter, crisis relocation, etc.
- b. Food and resources
 - (1) Farmers get animal stocks under cover
 - (2) Stockpile of animal feed and water
- c. Check inventory of decontamination supplies

B. IMMEDIATE POSTATTACK BRIEFING

1. Attack pattern producing Radiological contamination**

- a. Estimated time of arrival of fallout.
- b. Estimated time of peak of fallout.
- c. Any actual reported fallout.

2. Status of EOC

- a. Present outside and inside dose rate, and estimated/measured total doses.
- b. Damage
- c. Contamination control procedures in effect at this time.

3. Radiological situation in jurisdiction**

- a. Dose rate in areas of concern
- b. Fixed monitor stations in operation (possible critical areas)
- c. Areas requiring specialized survey (mobile, aerial)

4. Recommended actions for other staff sections

- a. No movement or operations until further notice
- b. Use only prestocked water and food until further notice
- c. Disseminate advisories to public on situation

IDENTIFICATION OF MONITORING STATION - WERS/KFMS
WEAPON EFFECTS REPORTING STATION/KEY FIXED MONITORING STATION

RADIOLOGICAL INTELLIGENCE SECTION

This Form is submitted as (check one): Backup For Instrument Request: Update:

A. ABBREVIATED COMMUNICATIONS PLAN (See Also RDAM 11-2):

1. Weapon Effects Reporting Station (WERS/KFMS) Information:
 - a. Number and 3 Letter Designator: - - - - - _____
 - b. UTM: - - - - - _____
 - c. Grid Square Covered: - - - - - _____
 - d. Telephone Number: - - - - - _____ A.C. _____ No: _____
 - e. Radio Frequency: - - - - - _____
 - f. WERS Name: - - - - - _____
 - g. Street Address and City: - _____
 - h. Crisis Relocation Site: - _____
 - i. Theoretical PF = - - - - - _____
 - j. Calculated PF = $\frac{\text{Outside R/hr}}{\text{Inside R/hr}}$ = _____
2. Report to Local Emergency Operations Center (EOC):
 - a. Number and 3 Letter Designator: - - - - - _____
 - b. Name and Address: _____
 - c. Telephone Number: - - - - - _____ A.C. _____ No: _____
 - d. Radio Frequency: - - - - - _____
3. Alternate Emergency Operations Center (EOC) Information:
 - a. Number and 3 Letter Designator: - - - - - _____
 - b. Name and Address: _____
 - c. Telephone Number: - - - - - _____ A.C. _____ No: _____
 - d. Radio Frequency: - - - - - _____
4. Local Emergency Broadcast Station Information:
 - a. Call Letters: _____
 - b. Frequency: _____

B. ROSTER OF ASSIGNED MONITORS AND TRAINING INFORMATION:

1. MONITORS

NAME	STREET ADDRESS	CITY AND ZIP CODE
a.		
b.		
c.		
d.		

2. TRAINING

16HR RM COURSE DATE	EXERCISE OR REFRESHER DATE
a.	
b.	
c.	
d.	

(For Instructions See Reverse)
Form RAD-1H, REVISED: December 1978

Signed: _____
CD Director or Agency Head

IDENTIFICATION OF
MOBILE/SELF-PROTECTION MONITORING UNIT

CITY COUNTY OF SUFFOLK
YAPHANK AVE., YAPHANK, N.Y. 11980
Date

RADIOLOGICAL

This Form is submitted as (check one): Backup For Instrument Request ; Update

STATION NO. 1) <u>M</u>		DATE 2)	
STREET ADDRESS 3)		CITY COUNTY STATE AND ZIP CODE 4)	
TYPE INSTALLATION (Fallout, Fire, etc.) 5)	PROTECTION FACTOR 6)	COMMUNICATIONS, TYPE: 7)	PHONE 8)
LOCAL EOC: 9)	STREET ADDRESS,		CITY
EOC PHONE NUMBER 10)	EOC RADIO FREQUENCY (Mhz) 11)		
ROSTER OF TRAINED MONITORS			
NAME		STREET ADDRESS	CITY STATE AND ZIP CODE
a.			
b.			
c.			
d.			
e.			
f.			

- 13) Justification: The installation described above is required in connection with mobile/self - protection monitoring operations.
- 14) Monitor Training (dates monitors named in item 12 received basic and refresher training in Radiological Monitoring Techniques). (See also RDAM 5-1).

	DATE OF MONITORING		LOCATION
	a.	b.	
16 Hr RM Training or Mobile RM Course			
2 - 4 Hr. Refresher/Exercise			

- 15) This mobile radiological survey unit is co-located with FMS Number _____ which is identified on Form RAD-1F, Appendix 3.b., dated _____, of this jurisdiction's Radiological Intelligence Section Annex.
- 16) Sheltered Location: During attack and immediate postattack period and if Item #6 has a PF less than 40, mobile monitoring personnel will be sheltered at:
 a. Shelter Area: Address _____
 b. Telephone No. _____ c. PF: _____

Signed: _____
CD Director or Agency Head

Note: Submit to State Radiological Intelligence Section in duplicate (See also RDAM 13, RDAM 13-1, Form RAD-LD, and Form RAD-LM). Update biennially.

Instructions For Preparing N.Y. State Form RAD-1E

- Form RAD-1E will be prepared by the local jurisdiction for each location that will serve as a mobile self-protection monitoring unit and will submit the Form in duplicate to State RADEF: when requesting CDV-777 radiological monitoring kits (See RDAM 13, Attach. 1); when making a periodic update; or for otherwise identifying a mobile monitoring unit.
2. Local jurisdictions need not complete item number 6 of the Form when requesting mobile monitoring kits. Completion of this item is optional with the local jurisdiction unless advised to the contrary.
 3. At the top of the Form, indicate whether the Form is prepared for either:
 - a. Back-up support initial request for instruments, or
 - b. Periodic update of data pertaining to existing mobile monitoring units.If the Form is being submitted to identify a mobile monitoring unit now being established but for which instruments are not needed because there are instruments already in the jurisdiction, indicate in item 13 of the Form the following:

"CDV-777 KIT FOR THIS FACILITY IS ALREADY AVAILABLE LOCALLY".
 4. Item 1. Station No: Each Mobile monitoring station or unit established and equipped by a jurisdiction for either peacetime or wartime requirements will be assigned an identifying number. This identifying number will be preceded by the letter M and both the letter M and the number must be recorded in item 1, (See RDAM 13) followed by the jurisdiction's 3-letter designator. See RDAM 2-7, Attach. 2.2, or RDAM 4-4, Pg. A.12, July 1970, for lists of three letter designators assigned to local jurisdictions and State agencies. Thus mobile monitoring station number 1 in Albany County for example would be identified as "M1BJA".
 5. In Item 3, enter the street address and city or village in which the monitoring station is located. If located on a rural route, indicate as "5 miles south of _____". Use the nearest village as a reference point.
 6. Item 5: Enter the type of facility followed by its full name.
 7. Item 12 (Roster of Trained Monitors): The name of only one trained monitor is required. A description of mobile monitor training is contained in RDAM 5-1, Chapt. III.D and III.F
 8. Item 14: At least one monitor must have had a radiological monitor refresher course or exercise within the last two (2) years for the RAD-1E Form and the monitoring unit to be considered current.
 9. Item 15: Answer only if an FMS exists at the same location as the mobile monitoring unit.
 10. Item 16: If undetermined, so indicate in 16.a.

RADIOLOGICAL IDENTIFICATION OF MOBILE/SELF-PROTECTION MONITORING UNIT

This Form is submitted as (check one): Backup For Instrument Request ; Update

1) M		DATE	
2) STREET ADDRESS		CITY, COUNTY, STATE AND ZIP CODE	
3) TYPE INSTALLATION (Police, Fire, etc.)		4)	
5) PROTECTION FACTOR	6)	7) COMMUNICATIONS, TYPE:	8) PHONE
9) LOCAL EOC:		STREET ADDRESS, CITY	
10) EOC PHONE NUMBER	11) EOC RADIO FREQUENCY (Mhz)		
12) ROSTER OF TRAINED MONITORS			
NAME		STREET ADDRESS	
		CITY, STATE AND ZIP CODE	
a.			
b.			
c.			
d.			
e.			
f.			

- 13) Justification: The installation described above is required in connection with mobile/self - protection monitoring operations.
- 14) Monitor Training (dates monitors named in item 12 received basic and refresher training in Radiological Monitoring Techniques). (See also RDAM 5-1).

	DATE OF MONITOR PARTICIPATION					
	a.	b.			e.	f.
16 Hr EM Training or Mobile EM Course						
2 - 4 Hr. Refresher/Exercise						

- 15) This mobile radiological survey unit is co-located with FMS Number _____ which is identified on Form RAD-1F, Appendix 3.b., dated _____, of this jurisdiction's Radiological Intelligence Section Annex.
- 16) Sheltered Location: During attack and immediate postattack period and if Item #6 has a PF less than 40, mobile monitoring personnel will be sheltered at:
 a. Shelter Area: Address _____
 b. Telephone No. _____ c. PF: _____

Signed: _____
CD Director or Agency Head

Note: Submit to State Radiological Intelligence Section in duplicate (See also EDAM 13, EDAM 13-1, Form RAD-1D, and Form RAD-1M). Update biennially.

Instructions For Preparing N.Y. State Form RAD-1E

1. Form RAD-1E will be prepared by the local jurisdiction for each location that will serve as a mobile self-protection monitoring unit and will submit the Form in duplicate to State RADEF: when requesting CDV-777 radiological monitoring kits (See RDAM 13, Attach. 1); when making a periodic update; or for otherwise identifying a mobile monitoring unit.
2. Local jurisdictions need not complete item number 6 of the Form when requesting mobile monitoring kits. Completion of this item is optional with the local jurisdiction unless advised to the contrary.
3. At the top of the Form, indicate whether the Form is prepared for either:
 - a. Back-up support initial request for instruments, or
 - b. Periodic update of data pertaining to existing mobile monitoring units.If the Form is being submitted to identify a mobile monitoring unit now being established but for which instruments are not needed because there are instruments already in the jurisdiction, indicate in item 13 of the Form the following:

"CDV-777 KIT FOR THIS FACILITY IS ALREADY AVAILABLE LOCALLY".
4. Item 1. Station No: Each Mobile monitoring station or unit established and equipped by a jurisdiction for either peacetime or wartime requirements will be assigned an identifying number. This identifying number will be preceded by the letter M and both the letter M and the number must be recorded in item 1, (See RDAM 13) followed by the jurisdiction's 3-letter designator. See RDAM 2-7, Attach. 2.2, or RDAM 4-4, Pg. A.12, July 1970, for lists of three letter designators assigned to local jurisdictions and State agencies. Thus mobile monitoring station number 1 in Albany County for example would be identified as "M1BJA".
5. In Item 3, enter the street address and city or village in which the monitoring station is located. If located on a rural route, indicate as "5 miles south of _____". Use the nearest village as a reference point.
6. Item 5: Enter the type of facility followed by its full name.
7. Item 12 (Roster of Trained Monitors): The name of only one trained monitor is required. A description of mobile monitor training is contained in RDAM 5-1, Chapt. III.D and III.F
8. Item 14: At least one monitor must have had a radiological monitor (RM) training course within the last ~~four~~ ⁽⁴⁾ years for the RAD-1E Form and the monitoring unit to be considered current. 2
9. Item 15: Answer only if an FMS exists at the same location as the mobile monitoring unit.
10. Item 16: If undetermined, so indicate in 16.a.

RADIOLOGICAL INTELLIGENCE SECTION

STATEWIDE INVENTORY

EQUIPMENT SUMMARY

	GOAL	PRESENT	TO BE DONE
Fixed Monitoring Kits (CD V-777)	2705	2100	605
Mobile Monitoring Kits (" ")	2012	975	1037
Shelter Kits (CD V-777-1)	22012	22012	-0-
Remote Instrument (CD V-717)	575	145	430
Remote Monitors (CD V-711)	75	22	53
Aerial Survey Instruments (CD V-781)	63	59	4
Instrument Training Sets (CD V-776)	76	76	-0-
Radiation Source Sets (CD V-778)	50	50	-0-
School Kits (CD V-755)	1215	1215	-0-
Dosimeters (CD V-742)-Stockpiling	183419	183419	-0-
Chargers (CD V-750)-Stockpiling	7322	7322	-0-

EMERGENCY OPERATIONS PLAN
Annex K, App. 3.a.

STATE OF NEW YORK
FORM 2-5

EQUIPMENT RESOURCES IN CD JURISDICTIONS

County CD V-	FMS KITS 777	SHELTER KITS 777-1	REMOTE MONITOR 711	REMOTE SURVEY 717	AERIAL INSTR. 781	TRNG. SETS 776	SOURCE SETS 778	SCHOOL KITS 755	CHGR STPL. 750	DOG STPL. 742
1 ALBANY	E	25	151	1	1	1	1	26	88	1135
2 ALLEGANY	W	49	14	6			1	21	15	400
3 BROOME	E	76	206		1	1	1	24	14	200
4 CATTARAUGUS	W	66	31	1				19	10	300
5 CAYUGA	L	63	100	1	1	1	1	16	14	400
6 CHALGAUQUA	W	43	60	1	1	1	1	25	15	500
7 CHEMUNG	L	34	56			1		10	7	200
8 CHEWANGO	E	52	22			1		12	7	200
9 CLINTON	N	34	24		1			16	10	300
10 COLUMBIA	E	42	45					8	15	400
11 CORTLAND	C	30	60	1	1	1	1	9	8	240
12 DELAWARE	E	64	30			1	1	16	7	200
13 DUTCHESS	S	63	281	1	1	1	1	24	51	1500
14 ERIE	W	123	787	1	6	1	1	66	197	6000
15 ESSEX	N	28	25	1				16	7	200
16 FRANKLIN	N	35	31	1	1	1	1	15	7	200
17 FULTON	N	24	27		1	1		9	7	200
GENESEE	W	26	40	1		1	1	14	10	300
GREENE	E	32	34	6				6	20	500
18 HAMILTON	N	12	4					4	3	100
21 HERKIMER	C	45	56	1	1	1	1	12	14	425
22-JEFFERSON	C	63	62	1	1	1	1	22	50	1190
23 LEWIS	C	23	16	1		1	1	10	7	150
24 LIVINGSTON	W	36	55					12		
25 MADISON	C	40	30		1		1	12	7	200
26 MONROE	W	81	694		16	1	1	37	86	2500
27 MONTGOMERY	N	21	52	1	1	1	1	10	10	300
28 NASSAU	S	73	1002	1	6	2	2	83	290	9000
29 NIAGARA	W	82	287	1	11	1	2	25	57	1650
30 ONEIDA	C	67	72	1	1	1		27	17	500
31 ONONDAGA	C	23	354	1	1	1		36	68	2000
32 ORTARIO	L	58	46	1		1		12	7	200
33 ORANGE	S	46	91	2	1	2	1	23	11	300
34 ORLEANS	W	22	39	1	6	1	1	5	7	200
35 OSWEGO	C	47	51			1	1	12	14	400
36 OTSEGO	E	42	52	1				17	10	300
37 PUTNAM	S	13	29			1		5	7	200
38 RENSSELAER	E	56	151			1	1	17	3	100
39 ROCKLAND	S	34	148	1	1	1	1	9	17	500
40 ST LAWRENCE	C	93	126	1	1	1		25	17	500
41 SARATOGA	N	45	49	1		1	1	14	50	500
42 SCHECTADY	E	28	184			1	1	13	24	700
43 SCHWARIE	E	31	28			1	1	12	4	100
SCHUYLER	L	15	16	1		1	1	2	4	100
SENECA	L	27	26			1		5	4	100
STEBEN	L	56	83		1	1	1	20	17	500

EMERGENCY OPERATIONS PLAN
Annex K, App. 5.a(1)

STATE OF NEW YORK
FDAM 2-5, Page 2 of 3

		777	777-1	711	717	781	776	778	733	750	742
47 SUFFOLK	S	111	431	2		1	1	58	130	4000	
48 SULLIVAN	S	52	14		1		1	11	7	200	
49 TIOGA	L	43	28		1		1	1	6	7	200
50 TOMPKINS	L	37	48						11	10	288
51 ULSTER	S	56	83		1	1	1	1	12	20	600
52 WARREN	N	30	43		1	1			14		
53 WASHINGTON	N	25	35		1		1	1	12	10	300
54 WAYNE	L	35	115	1			1		12	10	300
55 WESTCHESTER	S	94	303	1		1	1	1	72	81	2300
56 WYOMING	W	20	23		1		1	1	6	10	150
57 YATES	L	23	11		1		1	1	6	5	150
TOTAL COUNTY		2614	6927	12	82	30	48	36	1048	1830	44978

CITY

58 MOUNT VERNON	S	7	118				1			10	300
59 NEW ROCHELLE	S	7	121							10	300
60 NEW YORK		245	14047	1	22	1	1		25	500	15000
61 NO. TOWNANDA	W	13	15							7	200
62 OLEAN	W	8	21		1						
63 ONEIDA	C	3	15							13	390
64 PEEKSKILL	S	6	42							4	120
65 PLATTSBURGH	N	8	32		1					9	200
66 PORT JERVIS	S	9	14		1		1	1		9	200
67 POPE	C	9	86				1			10	300
68 SALAMANCA	W	2	10							4	100
UTICA	C	27	110		1		1	1		17	5
70 WHITE PLAINS	S	15	125							10	300
71 YONKERS	S	26	295		1		1			34	1000
TOTAL CITY		385	15085	1	28	1	12	5	167	641	19010
Total City & County		2999	22012	13	110	31	60	42	1215	2471	63988

NYSODP HQ		3	1	1		1					
MAINT. FLOAT		1194	2049	2	16	24	5	7		2250	50974
NYSOD DIST OFF											
WESTERN		1	1	1	1		1			203	5100
LAKE		3		1	3		1			6	200
CENTRAL		1		1						203	5100
NORTHERN		1	1	1			1			203	5100
EASTERN		1	1	1	1		1			203	5100
SOUTHERN		2	1	1	1					203	5100
NYC DIST OFF											
TOTAL STATE CD		1206	2059	9	22	25	9	7		3209	86993

STATE AGENCIES		4									
NYS DIV MIL & NAV		76					3	1		382	9400
NYS HEALTH DEPT		33					1			165	5000
NYS POLICE		102	1				3			69	3467

CD V-	777	777-1	711	717	781	776	778	755	750	742
P OF TRANSP	77									
CIV AIR PATROL	82								640	7000
DEPT SOC SERVS	9								10	100
NYS CONS DEPT	6								30	1100
NYS LABOR					1				50	1400
NYS FIRE SAFETY									223	5350
NYS OGS ALBANY		20							1	30
NYS Thruway	1									
TOTAL ST AGCY	390	21			4	4	1		1570	3284
CHASE MAN BANK										
NIAGARA MOHAWK	14	1					1			
TENNESSEE GAS	5						1			
NYS POWER AUTH										
NYU										
TOTAL OTHER	19	1					2			
FED AGENCIES										
USAF	65	15								
US ARMY	50	37		2						
FAA	20									
FDA	93									
USDA	26									
A	1									
OTHER AGENCIES	19	55		5						
TOTAL	274	107		7						
GRAND TOTAL	4876	24194	22	145	59	76	50	1215	7322	183419

Note: See RDAW 6-2, Civil Defense Radiological Instruments and Equipment, for descriptions of the equipment listed herein.

FMS KITS CD V-777

Local Network: 2999
State Network: 390
Federal Network: 274
Misc. Network: 19
Maint. Float: 1194
TOTAL 4876

SHELTER KITS CD V-777-1

Local Jurisdiction: 22012
State Agencies : 26
Federal Agencies : 107
Maint. Float : 2040
TOTAL --- --- 24194

DOSIMETER STOCKPILE CD V-742

Local Jurisdiction: 63,988
State Agencies: 58,547
Maint. Stock 60,974
TOTAL 183,419

CHARGER STOCKPILE CD V-750

Local Jurisdiction: 2,471
State Agencies: 2,591
Maint. Stock: 2,260
TOTAL 7,322

RADIOLOGICAL INTELLIGENCE SECTION

EMERGENCY OPERATIONS PLAN
Annex K, App. 3.a.

EQUIPMENT SUMMARY

	GOAL	PRESENT	TO BE DONE
Fixed Monitoring Kits (CD V-777)	17		0
Mobile Monitoring Kits (" ")	30	13	17
Shelter Kits (CD V-777-1)	431	431	0
Remote Instrument (CD V-717)	17	0	17
Remote Monitors (CD V-711)	1	2	0
Aerial Survey Instruments (CD V-781)	1	1	0
Instrument Training Set (CD V-776)	1	1	0
Radiation Source Set (CD V-778)	1	0	0
School Kits (CD V 5)	58	58	0
Dosimeters (CD V- 12)-Stockpiling	4,000	4,000	0
Chargers (CD V-750)-Stockpiling	150	180	0

SUFFOLK COUNTY
Civil Defense Jurisdiction
9/22/80
(Date)

EQUIPMENT SUMMARY

RADIOLOGICAL INTELLIGENCE SECTION
STATE WIDE INVENTORY

CDV - 117 - 2 SHELTER SETS

CDV - 117 - A MONITORING SETS (KFMS / WERS)

CDV - 181 AERIAL MONITORING INSTRUMENTS

CDV - 117 OPERATIONAL SETS (MOBILE / SELF PROTECTION)

CDV - 111 EOC REMOTE MONITORS

CDV - 142 DOSIMETERS

CDV - 150 DOSIMETER CHARGERS

CDV - 116 INSTRUMENT TRAINING SETS

CDV - 118 RADIATION SOURCE SETS

CDV - 155 SCHOOL KITS

	GOAL	PRESENT	TO BE DONE
	22,012	25,324	0
	414	872	0
	60	59	1
	2,262	4,991	0
	81	22	59
	94,688	183,778	0
	3,490	7,644	0
	81	81	0
	62	62	0
	1,117	1,117	0

EMERGENCY OPERATIONS PLAN
ANNEX K, APPENDIX 3.a.
RADIOLOGICAL INTELLIGENCE SECTION

STATE OF NEW YORK
CIVIL DEFENSE JURISDICTION
DATE JANUARY 1980

NOTE: For Instrument Maintenance Guidance See RDAM 6-1.

FORM RAD-10B (Rev. Mar. 1979) STATE OF NEW YORK

STATE OF NEW YORK
DIVISION OF MILITARY AND NAVAL AFFAIRS
OFFICE OF DISASTER PREPAREDNESS
PUBLIC SECURITY BUILDING, STATE CAMPUS
ALBANY, NEW YORK 12226

Memo No. T -80-3

Date: 22 Jan. 1981

Distribution:

Local Directors A

Special

Notification:

Transitory

Permanent

Discard Date: Upon Completion of Action

Supersedes:

APPROVED:
Director *Edward A. Belmont*
Disaster Preparedness Program

SUBJECT: RDAM 2-5, Appendix 3.a. Equipment Summary
and Appendix 3.a. (1) Equipment Resources
in Civil Defense Jurisdictions.

Transmitted herewith are two copies each of Appendix 3.a. and Appendix 3.a. (1) to State Annex K (RDAM 2-5), the Radiological Intelligence Annex to the Emergency Plan of the State of New York. Please compare the information as indicated below and file with your RDAM's as described in ODP Memo P-77-3.

1. Appendix 3.a. is a summary of equipment located throughout New York State by type as shown by the Technical Support Branch of the Radiological Intelligence Section.
2. Appendix 3.a. (1) is a complete list of Radiation Detection Equipment issued to each Civil Defense Jurisdiction as shown by the records of the Technical Support Branch of the Radiological Intelligence Section.
3. The Equipment listed for your Jurisdiction in State Annex K, Appendix 3.a. (1) should agree with your entries in the PRESENT column of Appendix 3.a. in your local Annex K and in the PRESENT INVENTORY column of Appendix 3.a. (2) in your local Annex K, per RDAM 2-3 dated October 1978, Guide for Preparation of Local Radiological Intelligence Plans. If there are discrepancies, please contact Mr. Frank D. Griffin, Phone: (518) 457-3897.

RVO/sm

EMERGENCY OPERATIONS PLAN
ANNEX K, APPENDIX 3.a.
RADIOLOGICAL INTELLIGENCE SECTION

CIVIL DEFENSE JURISDICTION

DATE _____

EQUIPMENT SUMMARY

	GOAL	PRESENT	TO BE DONE
CDV - 717 - 2 SHELTER SETS			
CDV - 717 - A MONITORING SETS (KFMS / WERS)			
CDV - 781 AERIAL MONITORING INSTRUMENTS			
CDV - 717 OPERATIONAL SETS (MOBILE / SELF PROTECTION)			
CDV - 711 EOC REMOTE MONITORS			
CDV - 742 DOSIMETERS			
CDV - 750 DOSIMETER CHARGERS			
CDV - 717 REMOTE INSTRUMENTS			
CDV - 776 INSTRUMENT TRAINING SETS			
CDV - 778 RADIATION SOURCE SETS			
CDV - 755 SCHOOL KITS			

NOTE: For Instrument Maintenance Guidance See RDAM 6-1.

FORM RAD-10B (REV. MAR. 1979) STATE OF NEW YORK

**Radiological Intelligence Section
Equipment Resources in CD Jurisdictions**

Jurisdiction	1	2	3	4	5	6	7	8	9	10
D O W	777-2 SHELTER	777-A WERS	777 MOBILE	742 DOSI STOCKPILE	750 CHARGER STOCKPILE	781 AERIAL SURVEY	711 REMOTE READING	776 TRAINING SET	778 SOURCE SET	755 SCHOOL KIT
ALLEGANY	34	8	95	400	15					
CATTARAUGUS	172	10	113	300	10				1	10
CHAUTAUQUA	60	10	54	400	20	1		1		13
ERIE	812	6	112	6,000	197	1	1	1		25
GENESEE	58	1	52	351	17			1		66
LIVINGSTON	69	6	37					1	1	12
MONROE	613	17	86	2,500	86	1		1		12
NIAGARA	470	11	190	1,650	57	1		1	1	37
ORLEANS	65	6	32	200	7		1	2	1	25
WYOMING	46	1	30	150	10		1	1	1	5
NIAGARA FALLS		1	26					1	1	6
NO. TONAWANDA	46		23	200	7					
OLEAN	42	1	16	103	47			1		
SALAMANCA	20		3	100	4			1		2
DIST. OFFICE	1	1	1	5,100	203		1	1		
TOTAL:	1,995	79	870	17,350	80	4	4	14	7	203

- A. Column Numbers pertain to the following items:
1. CDV-777-2 Shelter Radiation Detection Sets
 2. CDV-777-A, RADEF Monitoring Support Sets. For Key Fixed Monitoring Stations (KFMS)/Weapon Effects Reporting Stations (WERS). One station per 100 sq. mi. with P.F. of at least 40.
 3. CDV-777 RADEF Operational Sets. For Mobile/Self-Protection monitoring purposes.
 4. CDV-742, Dosimeters, Emergency Workers Stockpile.
 5. CDV-750, Dosimeter Charger, Emergency Workers Stockpile.
 6. CDV-781 Aerial Radiological Monitoring (ARM) Instruments.
 7. CDV-711, EOC Remote Sensor Radiation Meter, (not available for issue at present).
 8. CDV-776, Radiological Defense Training Set
 9. CDV-778, Radiation Training Source Set
 10. CDV-755, School RADEF Training Kits

Radiological Intelligence Section
Equipment Resources in CD Jurisdictions

Jurisdiction	1	2	3	4	5	6	7	8	9	10
D O L	777-2 SHELTER	777-A WERS	777 MOBILE	742 DOSI STOCKPILE	750 CHARGER STOCKPILE	781 AERIAL SURVEY	711 REMOTE READING	776 TRAINING SET	778 SOURCE SET	755 SCHOOL KIT
CAYUGA	103		100	400	14	1	1	1	1	16
CHEMUNG	80		48	200	7					
CATTARAUGUS	101	1	60	200	7			1	1	10
SCHUYLER	16	1	3	100	4			1	1	12
SENECA	44		9	100	4			1	1	2
STEBEN	92	14	126	200	17	1		1	1	5
TIOGA	56	1	43	200	7			1	1	20
TOMPELINS	76		7	200	10			1	1	6
WAYNE	161	1	35	300	10					11
YATES	31	1	41	150	5	1	1	1		12
DISSE. OFFICE	1	1	3	200	6		1	1	1	6
TOTAL:	530	20	475	2,638	91	3	3	10	8	100

A. Column Numbers Pertain to the following Items:

1. CDV-777-2 Shelter Radiation Detection Sets
2. CDV-777-A, RADEF Monitoring Support Sets. For Key Fixed Monitoring Stations (KFMS)/Weapon Effects Reporting Stations (WERS). One station per 100 sq. mi. with P.F. of at least 40.
3. CDV-777 RADEF Operational Sets. For Mobile/Self-Protection monitoring purposes.
4. CDV-742, Dosimeters, Emergency Workers Stockpile.
5. CDV-750, Dosimeter Charger, Emergency Workers Stockpile.
6. CDV-781, Aerial Radiological Monitoring (ARM) Instruments.
7. CDV-711, EOC Remote Sensor Radiation Meter, (not available for issue at present).
8. CDV-776, Radiological Defense Training Set
9. CDV-778, Radiation Training Source Set
10. CDV-755, School RADEF Training Kits

Radiological Intelligence Section
 Equipment Resources in CD Jurisdictions

Jurisdiction	1	2	3	4	5	6	7	8	9	10
D O C	777-2 SHELT	777-A WERS	777 MOBILE	742 DOSI STOCKPILE	750 CHARGER STOCKPILE	781 AERIAL SURVEY	711 REMOTE READING	776 TRAINING SET	778 SOURCE SET	755 SCHOOL KIT
CORTLAND	90	1	38	240	8	1		1	1	9
HERKIMER	92	1	32	425	14	1		1	1	12
JEFFERSON	139	1	98	1,190	50	1		1	1	22
LEWIS	16	1	19	150	7			1	1	10
MADISON	15		44	200	7	1		1	1	12
ONEIDA	108	1	67	500	17	1		1		27
ONONDAGA	466	1	23	2,000	68	1		1		36
OSWEGO	102	11	67	400	34	1		1	1	12
ST. LAWRENCE	147		102	500	17	1	1	1		25
ONEIDA CITY	23		2	390	14					
ROME CITY	85	3	6	300	10					
UTICA CITY	167	2	25	500	17			1	1	
DIST. OFFICE	1	1	1	5,100	203		1	1	1	
TOTAL:	1,023	23	524	11,895		7	2	11	7	165

A. Column Numbers Pertain to the following:

1. CDV-777-2 Shelter Radiation Detect
2. CDV-777-A, RADEF Monitoring Support Effects Reporting Stations (WERS)
3. CDV-777 RADEF Operational Sets. For
4. CDV-742, Dosimeters, Emergency Workers Stockpile.
5. CDV-750, Dosimeter Charger, Emergency Workers Stockpile.
6. CDV-781, Aerial Radiological Monitoring (ARM) Instruments.
7. CDV-711, EOC Remote Sensor Radiation Meter, (not available for issue at present).
8. CDV-776, Radiological Defense Training Set
9. CDV-778, Radiation Training Source Set
10. CDV-755, School RADEF Training Kits

For Key Fixed Monitoring Stations (KFMS)/Weapon station per 100 sq. mi. with P.F. of at least 40. le/Self-Protection monitoring purposes.

Emergency Operations Plan
 Annex K App 3.a (1)
 Radiological Intelligence Section

Radiological Intelligence Section
Equipment Resources in CD Jurisdictions

Jurisdiction	1	2	3	4	5	6	7	8	9	10
D O N	777-2 SHELTERS	777-A WERS	777 MOBILE	742 DOSI STOCKPILE	750 CHARGER STOCKPILE	781 AERIAL SURVEY	711 REMOTE READING	776 TRAINING SET	778 SOURCE SET	755 SCHOOL KIT
CLINTON	60	5	34	300	10	1				16
ESSEX	40	4	40	200	7			1	1	16
FRANKLIN	46		35	200	7			1	1	15
FULTON	47		29	200	7	1		1		9
HAMILTON	8		12	100	3					4
MONTGOMERY	112	7	49	300	10	1		1	1	10
SARATOGA	113		72	500	50		1	1	1	14
WARREN	87	1	31	300	10	1				14
WASHINGTON	90	1	25	300	10			1		12
PLATTSBURGH CITY	40	1	8	200	9			1	1	9
DIST. OFFICE	1	1	1	5,100	203		1	1		
TOTAL:	319	21	337	7,500	326	4	2	8	5	119

A. Column Numbers Pertain to the following Items:

1. CDV-777-2 Shelter Radiation Monitoring Station Sets
2. CDV-777-A, RADEF Monitoring Station Sets. For Key Fixed Monitoring Stations (KFMS)/Weapon Effects Reporting Station (WERS). One station per 100 sq. mi. with P.F. of at least 40.
3. CDV-777 RADEF Operational Station Sets. For Mobile/Self-Protection monitoring purposes.
4. CDV-742, Dosimeters, Emergency Workers Stockpile.
5. CDV-750, Dosimeter Charger, Emergency Workers Stockpile.
6. CDV-781, Aerial Radiological Monitoring (ARM) Instruments.
7. CDV-711, EOC Remote Sensor Radiation Meter, (not available for issue at present).
8. CDV-776, Radiological Defense Training Set
9. CDV-778, Radiation Training Source Set
10. CDV-755, School RADEF Training Kits

Emergency Operations Plan
Annex K App 3.a (1)
Radiological Intelligence Section

Radiological Intelligence Section
Equipment Resources in CD Jurisdictions

Jurisdiction	1	2	3	4	5	6	7	8	9	10
D O E	777-2 SHELTER	777-A WERS	777 MOBILE	742 DOSI STOCKPILE	750 CHARGER STOCKPILE	781 AERIAL SURVEY	711 REMOTE READING	776 TRAINING SET	778 SOURCE SET	755 SCHOOL KIT
ALBANY	191		33	1,135	88	1	1	1	1	26
BROOME	294	8	64	200	14	1		1	1	24
CHENANGO	65	8	89	100	7			1	1	24
COLUMBIA	93		64	400	15			1	1	12
DELAWARE	60		64	162	7					8
GREENE	51	6	23	500	20			1	1	16
OTSEGO	179	1	136	300	10					6
RENSSELEAR	175	23	65	500	15			1	1	17
SCHENECTADY	164		28	700	24	1		1	1	17
SCHOHARIE	50		62	100	4	1		1	1	13
DIST. OFFICE	1	1	1	5,100	203		1	1	1	12
TOTAL:	884	47	629	9,197	1,007	4	2	9	9	151

- A. Column Numbers Pertain to the following:
1. CDV-777-2 Shelter Radiation Detectors
 2. CDV-777-A, RADEF Monitoring Support Effects Reporting Stations (WERS)
 3. CDV-777 RADEF Operational Sets. For Mobile/Self-Protection monitoring purposes.
 4. CDV-742, Dosimeters, Emergency Workers Stockpile.
 5. CDV-750, Dosimeter Charger, Emergency Workers Stockpile.
 6. CDV-781, Aerial Radiological Monitoring (ARM) Instruments.
 7. CDV-711, EOC Remote Sensor Radiation Meter, (not available for issue at present).
 8. CDV-776, Radiological Defense Training Set
 9. CDV-778, Radiation Training Source Set
 10. CDV-755, School RADEF Training Kits

Equipment Resources in CD Jurisdictions

Jurisdiction	1	2	3	4	5	6	7	8	9	10
D O S	777-2 SHELTER	777-A WERS	777 MOBILE	742 DOSI STOCKPILE	750 CHARGER STOCKPILE	781 AERIAL SURVEY	711 REMOTE READING	776 TRAINING SET	778 SOURCE SET	755 SCHOOL KIT
DUTCHESS	451	1	63	1,500	51	1		1	1	24
MASSAU	1,485	6	86	9,000	290	2	1	1	1	0
ORANGE	69	3	25	200	07	1		1	1	23
PUTNAM	56		35	200	7			1	1	5
ROCKLAND	170	1	80	500	17	1		1	1	9
26 MARS SUFFOLK	333,548	1	109/2	✓4,000	✓180	1	2	1	1	58
SULLIVAN	29	1	113	200	7			1	1	11
ULSTER	107	10	95	600	20	1		1	1	12
WESTCHESTER	293		167	2,300	81	1	1	1	1	72
MOUNT VERNON	237		8	300	10			1		
NEW ROCHELLE	349		14	300	10			1		
PEEKSKILL	126		7	120	4					
PORT JERVIS	14	1	12	200	9			1	1	
WHITE PLAINS	215		47	300	10				1	
YONKERS	397	1	12	1,000	34					
NEW YORK	14,047	55	33	15,536	500	1	1	1	2	165
DIST. OFFICE	1	1	2	5,130	218		1			
TOTAL:	17,134	81	908	41,386	1,851	9	6	15	12	379

- A. Column Numbers Pertain to the following Items:
1. CDV-777-2 Shelter Radiation Detection Sets
 2. CDV-777-A, RADEF Monitoring Stations. For Key Fixed Monitoring Stations (KFMS)/Weapon Effects Reporting Stations. One station per 100 sq. mi. with P.F. of at least 40.
 3. CDV-777 RADEF Operational Self-Protection mobile/Self-Protection monitoring purposes.
 4. CDV-742, Dosimeters, Emergency Workers Stockpile.
 5. CDV-750, Dosimeter Charger, Emergency Workers Stockpile.
 6. CDV-781, Aerial Radiological Monitoring (ARM) Instruments.
 7. CDV-711, EOC Remote Sensor Radiation Meter, (not available for issue at present).
 8. CDV-776, Radiological Defense Training Set
 9. CDV-778, Radiation Training Source Set
 10. CDV-755, School RADEF Training Kits

Radiological Intelligence Section
Equipment Resources in CD Jurisdictions

Jurisdiction	1	2	3	4	5	6	7	8	9	10
STATE AGENCIES	777-2 SHELTS	777-A WERS	777 MOBILE	742 DOSI STOCKPILE	750 CHARGER STOCKPILE	781 AERIAL SURVEY	711 REMOTE READING	776 TRAINING SET	778 SOURCE SET	755 SCHOOL KIT
DIV. MIL & NAV.			76	9,400	382					
NYS HEALTH DEPT			33	5,000	165			3		
NYS POLICE	1		102	3,467	69	3		1		
DPT. OF TRANS.				0	0					
CIVIL AIR PATROL			82	100	10					
SOCIAL SUC.			9	1,100	30					
ENV. CONSERVATION LABOR				1,400	50	1				
FIRE SERVICE				5,799	243					
OCS	20		1	30	1			1	1	
THRUWAY			1							
TOTAL:	21		304	26,296	1,949	4	0	4	1	

A. Column Numbers Pertain to the following Items:

1. CDV-777-2 Shelter Radiation Detection Sets
2. CDV-777-A, RADEF Monitoring Support Sets, For Key Fixed Monitoring Stations (KFMS)/Weapon Effects Reporting Stations (WERS). One station per 100 sq. mi. with P.F. of at least 40.
3. CDV-777 RADEF Operational Sets. For Mobile/Self-Protection monitoring purposes.
4. CDV-742, Dosimeters, Emergency Workers Stockpile.
5. CDV-750, Dosimeter Charger, Emergency Workers Stockpile.
6. CDV-781, Aerial Radiological Monitoring (ARM) Instruments.
7. CDV-711, EOC Remote Sensor Radiation Meter, (not available for issue at present).
8. CDV-776, Radiological Defense Training Set
9. CDV-778, Radiation Training Source Set
10. CDV-755, School RADEF Training Kits

Radiological Intelligence Section
Equipment Resources in CD Jurisdictions

Jurisdiction	1	2	3	4	5	6	7	8	9	10
FED. AGENCIES	777-2 SHELTER	777-A WERS	777 MOBILE	742 DOSI STOCKPILE	750 CHARGER STOCKPILE	781 AERIAL SURVEY	711 REMOTE READING	776 TRAINING SET	778 SOURCE SET	755 SCHOOL KIT
USAF	15		65							
US ARMY	29		50							
FAA			20							
FDA			93							
VA	1									
TOTALS:	45		228							
GRAND TOTALS:	25,324	872	4,991	183	7,644	59	22	81	62	1,117

Note: See RDAM 6-2, Civil Defense Radiological Instruments and Equipment for descriptions of the equipment listed herein.

KFMS KITS CD V-777A

Local Network: 271
State Network: 1
Federal Agencies: 0
Maint. Float: 600
TOTAL: 372

SHELTER KITS CD V-777-2

Local Network: 21,984
State Agencies: 21
Federal Agencies: 45
Maint. Float: 3,274
TOTAL: 25,324

DOSIMETER STOCKPILE CD V-742

Local Jurisdiction: 89,967
State Agencies: 26,296
Maint. Stock: 67,525
TOTAL: 183,778

CHARGER STOCKPILE CD V-750

Local Jurisdiction: 3,821
State Agencies: 949
Maint. Stock: 2,874
TOTAL: 7,644

SELF PROTECTION KITS CD V-777

Local Network: 3,743
State Network: 307
Federal Network: 228
Maint. Float: 713
TOTAL: 4,991

DISTRIBUTION OF CD V-800 AND CD V-805 PROTECTIVE MASKS

WESTERN D.O.	CD V-800	CD V-805
ALLEGANY	8	5
CATTARAUGUS		
CHAUTAUQUA	25	20
ERIE	204	160
GENESEE	12	10
LIVINGSTON		
MONROE	48	64
NIAGARA	50	40
ORLEANS		
WYOMING		
NO. TONAWANDA	8	5
OLEAN		
SALAMANCA	4	3

NORTHERN D.O.	CD V-800	CD V-805
CLINTON	108	65
ESSEX	12	10
FRANKLIN	8	5
FULTON		
HAMILTON		
MONTGOMERY		
SARATOGA		
WARREN	8	5
WASHINGTON	12	10
PLATTSBURGH	36	22

LAKE D.O.	CD V-800	CD V-805
CAYUGA	25	25
CHEMUNG	20	15
ONTARIO		
SCHUYLER		
SENECA		
STEBEN		
TIIOGA		
TOMPKINS		
WAYNE		
YATES		60

EASTERN D.O.	CD V-800	CD V-805
ALBANY	25	25
BROOME	36	22
CHENANGO		
COLUMBIA	12	10
DELAWARE		
GREENE	8	5
OTSEGO		
REHOBOTH	25	20
SCHENECTADY	24	30
SCHOHARIE		

CENTRAL D.O.	CD V-800	CD V-805
CORTLAND	25	25
HERKIMER	8	5
JEFFERSON		
LEWIS		
MADISON	12	10
ONEIDA		
ONONDAGA	120	128
OSWEGO	25	25
ST. LAWRENCE		
ONEIDA		
ROME	12	10
UTICA	20	15

SOUTHERN D.O.	CD V-800	CD V-805
DUTCHESS	25	25
NASSAU	30	25
ORANGE	204	160
PUTNAM		
ROCKLAND	12	10
SUFFOLK	36	31
SULLIVAN	204	160
ULSTER		
WESTCHESTER	252	240
MOUNT VERNON	12	10
NEW ROCHELLE	20	15
PEEKSKILL	6	3
PORT JERVIS		
WHITE PLAINS		
YONKERS		
NEW YORK	160	130

DOW	359	307
DOL	45	100
DOC	222	218
DON	184	127
DOE	130	122
DOS	961	809
DISTRICT TOTALS	1,901	1,683
STATE EOC STOCK	883	702
TOTAL STATE TOTALS	2,784	2,385

SEE RDM 16-1 FOR DESCRIPTIONS
 OF THE MASKS.

EQUIPMENT SUMMARY

- Fixed Monitoring Kits (CD V-777)
- Mobile Monitoring Kits (" ")
- Shelter Kits (CD V-777-1)
- Remote Instrument (CD V-717)
- Remote Monitors (CD V-711)
- Aerial Survey Instruments (CD V-781)
- Instrument Training Set (CD V-776)
- Radiation Source Set (CD V-778)
- School Kits (CD V-755)
- Dosimeters (CD V-742)-Stockpiling
- Chargers (CD V-750)-Stockpiling

PRESENT INVENTORY	ANNUAL WORKLOAD
96	N/A
13	"
431	"
0	"
2	"
1	"
1	"
0	"
58	"
4,000	"
180	"

EMERGENCY OPERATIONS PLAN
Annex K, App. 3.a.(2)

SUFFOLK COUNTY
Civil Defense Jurisdiction
9/22/80
(Date)

EQUIPMENT SUMMARY

Fixed Monitoring Kits (CD V-777)
Mobile Monitoring Kits (" ")
Shelter Kits (CD V-777-1)
Remote Instrument (CD V-717)
Remote Monitors (CD V-711)
Aerial Survey Instruments (CD V-781)
Instrument Training Sets (CD V-776)
Radiation Source Sets (V-778)
School Kits (CD V-755)
Dosimeters (CD V-742) - Stockpiling
Chargers (CD V-750) - Stockpiling

PRESENT INVENTORY	ANNUAL WORKLOAD

EMERGENCY OPERATIONS PLAN
 Annex K, App. 3.a(3)

Civil Defense Jurisdiction
 Page _____
 (Date) 4/20/82

RADIOLOGICAL INTELLIGENCE SECTION
DOSIMETER AND CHARGER STOCKPILE AND DISTRIBUTION PLAN

A. Total Initial Allocation To This Jurisdiction

1. Dosimeters CDV-742	:	4,000
2. Dosimeter Chargers CDV-750	:	180

B. Summary Of Present Distribution

		CDV-742	CDV-750
1. Quantity in central storage at EOC	:	4,000	180
2. Quantity distributed to decentralized storage	:	432	216
3. Quantity distributed to individuals	:	N/A	N/A
Total:		<u>4,432</u>	<u>396</u>

C. Inspection

1. Date dosimeters last charged	:	N/A
2. Date of last inventory	:	3/80

D. Location of Equipment Distributed PART OF SHELTER KITS.

1. Name of Individual or Facility	2. Quantity CDV-742	3. Quantity CDV-750	4. Address (Street and City)
Babylon Town	50	25	200 E. Sunrise Hwy, N. Babylon, NY
Huntington Town	60	30	227 Main St., Huntington, NY
Islip Town	150	75	Main Street, Islip, NY
Smithtown Town		30	99 W. Main St., Smithtown, NY
Brookhaven Town	70	35	S. Ocean Ave., Patchogue, NY
Riverhead Town	10	5	200 Howell Ave., Riverhead, NY
Southampton Town	10	5	Main St., Southampton, NY
Southold Town	10	5	53095 Main Rd., Southold, NY
East Hampton Town	10	5	Pantigo Rd., East Hampton, NY
Shelter Island Town	2	1	44 No. Ferry Rd., Shelter Is., NY

ALL SHELTER KITS REMOVED TO CENTRAL STORAGE AT EOC

Note: Form Rad-1P with proper modification may be used as a continuation sheet for recording location of distributed equipment. See also Form Rad-19 & 19A.

RADIOLOGICAL INTELLIGENCE SECTION

DOSIMETER AND CHARGER STOCKPILE AND DISTRIBUTION PLAN

A. Total Initial Allocation To This Jurisdiction (See RDAM 2-5, App. 3.a.(1))

- 1. Dosimeters CDV-742 _____
- 2. Dosimeter Chargers CDV-750 _____

B. Summary Of Present Distribution

	<u>CDV-742</u>	<u>CDV-750</u>
1. Quantity in central storage at EOC _____	_____	_____
2. Quantity distributed to decentralized storage _____	_____	_____
3. Quantity distributed to individuals _____	_____	_____
Total:	_____	_____

C. Inspection

- 1. Date dosimeters last charged _____
- 2. Date of last inventory _____

D. Location of Equipment Distributed

1. Name of Individual or Facility	2. Quantity CDV-742	3. Quantity CDV-750	4. Address (Street and City)

Note: Form Rad-1P with proper modification may be used as a continuation sheet for recording location of distributed equipment. See also Form Rad-19 & 19A.
FORM RAD-1P Form Rad-1P which constitutes Appendix 3.a(3) to the local Radiological Annex shall be updated annually and submitted to the State Radiological Intelligence Section by 31 January.
Feb. 1976

RADIOLOGICAL INTELLIGENCE SECTION

MONITORING STATIONS ESTABLISHED AND EQUIPPED

3. Letter Designator

Type Network FIXED MONITORING STATIONS (FMS)
*Asterisk in front of station number in column 1. means station is Key FMS (See RDAM 2-7).

1. Station No.	2. UTM Coordinates	3. Type of Facility	4. Protection Factor	5. Address (Street and City)

N.Y. State EOC: BOC

THREE LETTER DESIGNATORS - Fixed Monitoring Stations
(State, District, and Local Jurisdictions)

WESTERN (BAX)

ALLEGANY	BKL
CATTARAUGUS	BJY
CHAUTAUQUA	BJO
ERIE	BDR
GENESEE	BEX
LIVINGSTON	BEY
MONROE	BFA
NIAGARA	BFA
ORLEANS	BEB
WYOMING	BEO
NIAGARA FALLS	BEC
NO. TONAWANDA	BEO
OLEAN	BIZ
SALAMANCA	BKC

CENTRAL (BCX)

CORTLAND	BGU
HERKIMER	BCL
JEFFERSON	BCA
LEWIS	BCF
MADISON	BHA
ONEIDA	BHH
ONONDAGA	BGO
OSWEGO	BBT
ST. LAWRENCE	BAC
ONEIDA	BRC
ROME	BHY
UTICA	BHL

EASTERN (BEX)

ALBANY	BJA
BROOME	BMA
CHENANGO	BMH
COLUMBIA	BNS
DELAWARE	BMZ
GREENE	BNO
OTSEGO	BHU
RENSSELAER	BJK
SCHENECTADY	BIT
SCHOHARIE	BIG

LAKE (BLX)

CAYUGA	BGJ
CHEMUNG	BLH
ONTARIO	BFH
SCHUYLER	BLC
SENECA	BPV
STEUEN	BKT
TIOGA	BLS
TOMPKINS	BLN
WAYNE	BFR
YATES	BFL

NORTHERN (BNX)

CLINTON	BAZ
ESSEX	BBD
FRANKLIN	BAP
FULTON	BHZ
HAMILTON	BCR
MONTGOMERY	BTC
WARATOGA	BIS
WARREN	BCW
WASHINGTON	BDC
WATTSBURGH	BBM

SOUTHERN (BSX)

DUTCHESS	BPK
NASSAU	BRA
ORANGE	BOP
PUTNAM	BPV
ROCKLAND	BPE
SUFFOLK	BSA
SULLIVAN	BOH
ULSTER	BOT
WESTCHESTER	BPR
MIDDLETOWN	BOQ
MOUNT VERNON	BFS
NEWBURGH	BOY
NEW ROCHELLE	BQT
PEEKSKILL	BPC
PORT JERVIS	BOR
WHITE PLAINS	BPT
YONKERS	BPQ

Note: See RDAM 11-2, Ch.II.E. The 3-letter designator identifies the Emergency Operating Center (EOC) of the jurisdiction. A number and the 3-letter designator is used to identify fixed monitoring stations, such as 6BKL in Alleghany County. Mobile Monitoring teams or units (self-support monitoring) are identified by the letter M, the station number and the 3-letter designator, such as M2BKL.

N.Y. City Consists of the following counties:

Manhattan BQH
Bronx: BQI
Richmond: BQJ
Kings: BQK
Queens: BQL

NEW YORK CITY

NEW YORK	BQG
----------	-----

THREE LETTER DESIGNATORS
State Fixed Monitoring Station Network

The following designators have been assigned to agencies, State and private, in the New York State radiological monitoring network:

- | | |
|---|-----|
| 1) New York State Emergency Operating Center (Albany) | BOC |
| 2) New York State Department of Transportation | BPW |
| 3) New York State Guard | BSG |
| 4) New York State Police | BSP |
| 5) New York State Thruway Authority | BST |
| 6) Veterans Administration | BSV |
| 7) New York State Department of Social Welfare | BSW |
| 8) N.Y. State Dept. of Environmental Conservation | BCD |
| 9) Civil Air Patrol | BCP |
| 10) Central Hudson Gas & Electric Company | BCH |
| 11) Tennessee Gas Transmission Company | BGT |
| 12) New York State Department of Health | BMD |
| 13) Niagara Mohawk Power Corporation | BNM |
| 14) New York State Electric & Gas Corporation | BSE |

The following designators have been assigned to the State CD district offices

- | | |
|----------------------|-----|
| 1) Western District | BAX |
| 2) Lake District | BLX |
| 3) Central District | BCX |
| 4) Northern District | BNX |
| 5) Eastern District | BEX |
| 6) Southern District | BSX |

See also RDAM 4-4, Pg.A 13

RADIOLOGICAL INTELLIGENCE SECTION ANNEX

KEY MONITORING STATIONS ESTABLISHED AND EQUIPPED

1 Station No. & 3-Letter Design	2 UTM Coordinates	3 Type of Facility	4 Protection Factor	5 Address (Street and City)	6 Telephone	7 Key Grid Sq.	8 DCPA Rept. Area	
SUFFOLK COUNTY - BSA							See RDAM2-2 Att. 2F	RDAM 2-5 App. 2a(2)
✓ BSA	XA 7520	EOC	100+	Yaphank Ave., Yaphank, N.Y.	516-924-4400	FF-37 ✓	78	
4 BSA	XA 4227	Hospital	100	Northport, N.Y.	516-	EE-34	77	
8 BSA	XA 3807	Town Hall	100	200 E. Sunrise Hwy., N. Lindenhurst, N.Y.	516-	FF-34	77	
15 BSA	XA 5225	Town EOC	75	Main St., Smithtown, N.Y.	516-	EE-35	77	
✓ 21 BSA	XA 5110	Town Hall	100	655 Main St., Islip, N.Y.	516-	FF-35 ✓	77	
36 BSA	XA 6814	EOC	100	Bay Ave., Patchogue, N.Y.	516-	FF-36	77	
✓ 41 BSA	XA 7826	Lab	100+	Brookhaven Nat. Lab. Upton, N. Y.	516-	EE-37	78	
47 BSA	XA 9632	Police	100	Town Hall, Second St., Overhead, N.Y.	516-	EE-38	78	
56 BSA	YA 1929	Town Hall	100	on St., Hampton, N.Y.	516-	EE-39	78	
✓ 65 BSA	YA 2154	Hospital	100	Box Place Greenport, N.Y.	516-	DD-39	78	
69 BSA	YA 3839	EOC	100	Antigo Rd., East Hampton, N.Y.	516-	EE-40	78	
74 BSA	YA 2349	EOC	100	Main Rd. Shelter Island, N.Y.	516-	DD-39	78	
✓ 73 BSA	BR 5148	Fire	100	Sedgemere Rd., Montauk, N.Y.	516-	DD-41	78	
✓ 66 BSA	YA 3461	Hospital	100	Plum Island	516-	CC-40	78	
✓ 83 BSA	XA 7026	Police	100	Rte. 25, Coram, N.Y.	516-	EE-36	77	

Instructions For Preparing Form Rad-1K

This Form is for use in preparing Appendix 3.b. (1), Roster of Key Fixed Monitoring Stations Established and Equipped, to Local, District, and State Radiological Intelligence Section Annexes. KFMS requirements for each jurisdiction are described in RDAM 2-7. Data used in filling out this Appendix should be based on current on-site-inspection information and Form Rad-1K.

1. Enter the name of the jurisdiction on the top line at the upper right corner of the form. Also enter the date of preparation of the Appendix, that is the current date of the information.
2. Indicate page number in space provided.
3. Item 1: Enter the KFMS station number and the three letter designator. Note: The station number should precede the 3-letter designator. (See RDAM 11-2, Ch.II.E). The county EOC is usually identified by only the 3-letter designator and should appear first on the roster (See RDAM 2-7, Attachment 2.2 or RDAM 4-4, Pg. A13 for lists of 3-letter designators assigned to the various jurisdictions).
4. Item 2: Enter UTM coordinates of the station as determined by procedures described in RDAM 10-8.
5. Item 3: Identify type of facility such as: fire station, police station, school, armory, radio station, hospital, etc.
6. Item 4: Show the Protection Factor (PF) of the facility (See RDAM 11-2, Ch.X.3). Do not use the category number from the Facility Listings but convert category to PF according to the following table unless the exact PF has been determined:

Protection Factor (PF)

A number used to express the relationship between the amount of fallout gamma radiation that would be received by an unprotected person and the amount that would be received by a person in shelter. An occupant of a shelter with a PF of 40 would be exposed to a dose rate $\frac{1}{40}$ th (2½%) of the rate to which he would be exposed if his location were unprotected.

Protection Factor Categories

The National Fallout Shelter Survey places each shelter space in a category having the following minimum and maximum PF limits:

Category	PF	Category	PF
1	20-39	5	150-249
2	40-79	6	250-499
3	80-99	7	500-1,000
4	100-149	8	Over 1,000

7. Items 5 + 6: Self explanatory.
8. Item 7 Key Grid Square: See RDAM 2-7 and Attachments in the Attach. 2. series for Key FMS Grid maps and procedure for identifying Key Grid squares.
9. Item 8 DCPA Reporting Area: Not applicable at local level (See RDAM 2-5, App. II.A.2).

**N. Y. STATE
FMS FALLOUT MEASUREMENT AND REPORTING PLAN**

MEASUREMENT AND TIME OF MEASUREMENT		Secondary FMS to Primary FMS	Primary FMS to Local CC	Local CC to District	District to State	State to CDR Region One
(a) Between Attack Warning and Fallout Arrival	When dose rate is < 0.5 r/hr, observe instrument regularly, at least every 10 minutes. Report NO FALLOUT every HOUR. (See Form Rad 2)	10 minutes after the hour of measurement (1010 and 2210)	20 minutes after the hour of measurement (1020 and 2220)	30 minutes after the hour of measurement (1030 and 2230). See RDM 2-5, App. 2.a, 3.b. for EFMS list.	45 minutes after the hour of measurement (1045 and 2245)	As directed by DCPA Regional Plans for Emergency Operations Reporting
(b) Fallout Arrival (F)	When dose rate is ≥ 0.5 r/hr, transmit flash report of FALLOUT arrival. (See Form Rad 2)	Immediately after measurement	Upon receipt	Upon receipt of representative number of reports	Upon receipt of representative number of reports	See also RDM 2-5 App. 2.a. (2)
(c) F thru P + 24 hours	DOSE RATE: Hourly on the hour (See Form DOSE) Twice daily at 1000 and 2200	10 minutes after the hour of measurement	20 minutes after the hour of measurement	30 minutes after the hour of measurement, KEY FMS ONLY or as indicated. *** (Record data on RDM 2-5, App. 2.a. (1))	40 minutes after the hour of measurement, KEY FMS ONLY or as indicated. ***	
(d) P + 25 thru P + 46 hours	DOSE RATE: Every 3 hours at 0100, 0400, 0700, 1000, 1300, 1600, 1900, 2200 DOSE: Twice daily at 1000 and 2200	10 minutes after the hour of measurement	20 minutes after the hour of measurement	30 minutes after the hour of measurement, KEY FMS ONLY or as indicated. ***	40 minutes after the hour of measurement, KEY FMS ONLY or as indicated. ***	
(e) P + 47 thru P + 72 hours	DOSE RATE: Every 6 hours at 0400, 1000, 1600, 2200 DOSE: Twice daily at 1000 and 2200	10 minutes after the hour of measurement	20 minutes after the hour of measurement	30 minutes after the hour of measurement, KEY FMS ONLY or as indicated. ***	40 minutes after the hour of measurement, KEY FMS ONLY or as indicated. ***	
(f) After P + 72 hours	DOSE RATE AND DOSE: Twice daily at 1000 and 2200	10 minutes after the hour of measurement (1010 and 2210)	20 minutes after the hour of measurement (1020 and 2220)	30 minutes after the hour of measurement, KEY FMS ONLY or as indicated. (1030 and 2230) ***	40 minutes after the hour of measurement, KEY FMS ONLY or as indicated. (1040 and 2240) ***	

* These jurisdictions also transmit reports to subordinate as appropriate. Specify either EST or EDI.

*** Inoperable KEY FMS may be replaced by an alternate FMS not previously designated.

1 All dose rate and dose reports are to be based on unaltered readings. These rates which equal or exceed 1 r/hr are to be reported in the nearest whole r/hr, dose rates less than 1 r/hr are to be reported in millirads. All dose reports are to be cumulative from arrival of fallout to the time of measurement.

2 If at any time following a period of decay, the dose rate suddenly increases, a special report should be filed immediately and a new whole-dose measurement initiated, starting with period C above.

3 The symbol "F" is used to represent "time of fallout arrival" - "F + (a number)" represents "time in hours after fallout arrival" - FMS stands for "Fixed Monitoring Station" - EST stands for "Eastern Standard Time" - < stands for "less than" - > stands for "greater than" - = stands for "equal to or greater than"

Note: State Net FMS's will report through their respective agency data collection points such as DSP Troop Hq., DOT District Offices etc., to agency headquarters. Agency Hq. will submit consolidated reports using format such as Form Rad-3 to ODP Radiological Intelligence as in District to State schedule above.

Form DMNA Rad 4
Rev. August 1977

**NEW YORK STATE
FMS FALLOUT MEASUREMENT AND REPORTING PLAN**

PERIOD	MEASUREMENT AND NAME OF MEASUREMENT	DEADLINES FOR REPORTING				
		Secondary FMS to Key FMS	Key FMS to Local CC	*Local CC to District	*District to State	*State to CD Region One
(a) Between Attack Warning and Fallout Arrival	When dose rate is < 0.5 r/hr, observe instrument regularly, at least every 10 minutes. Report NO FALLOUT every hour.	10 minutes after the hour of measurement (1010 and 2210)	20 minutes after the hour of measurement (1020 and 2220)	30 minutes after the hour of measurement (1030 and 2230) *** (See RDAM 2-5, App. 3.b for KFMS list)	45 minutes after the hour of measurement (1045 and 2245)	As required by DCPA Regional Plans for Emergency Operations Reporting See also RDAM 2-5 App.2.a(2) Record data on RDAM 2-5, App. 2.a(1)
(b) Fallout Arrival (F)	When dose rate is ≥ 0.5 r/hr, transmit flash report of FALLOUT arrival. (See Form Rad-2)	Immediately after measurement	Upon receipt	Upon receipt of representative number of reports	Upon receipt of representative number of reports	
(a) F + 24 hours	DOSE RATE: Hourly on the hour. (See Form Rad-2) DOSE: Twice daily at 1000 and 2200	10 minutes after the hour of measurement	20 minutes after the hour of measurement	30 minutes after the hour of measurement, KEY FMS ONLY or as indicated.***	40 minutes after the hour of measurement, KEY FMS ONLY or as indicated.***	
(b) F + 25 thru F + 48 hours	DOSE RATE: Every 3 hours at 0100, 0400, 0700, 1000, 1300, 1600, 1900, 2200 DOSE: Twice daily at 1000 and 2200	10 minutes after the hour of measurement	20 minutes after the hour of measurement	30 minutes after the hour of measurement, KEY FMS ONLY or as indicated.***	40 minutes after the hour of measurement, KEY FMS ONLY or as indicated.***	
(a) F + 49 thru F + 72 hours	DOSE RATE: Every 6 hours at 0400, 1000, 1600, 2200 DOSE: Twice daily at 1000 and 2200	10 minutes after the hour of measurement	20 minutes after the hour of measurement	30 minutes after the hour of measurement, KEY FMS ONLY or as indicated.***	40 minutes after the hour of measurement, KEY FMS ONLY or as indicated.***	
(b) After F + 73 hours	DOSE RATE AND DOSE: Twice daily at 1000 and 2200	10 minutes after the hour of measurement (1010 and 2210)	20 minutes after the hour of measurement (1020 and 2220)	30 minutes after the hour of measurement, KEY FMS ONLY or as indicated. (1030 and 2230)***	40 minutes after the hour of measurement, KEY FMS ONLY or as indicated. (1040 and 2240)***	

* These jurisdictions also transmit reports to subordinate and adjacent jurisdictions.

Specify either EDT or EST

*** Inoperable Key FMS may be replaced by an alternate FMS automatically designated. Form RAD-4

Rev. May 1978

NOTE: State Net FMS's will report through their respective agency data collection points such as DSP Troop Hq., DOT District Offices, etc., to agency headquarters. Agency Hq. will submit consolidated reports using format such as Form RAD-3 to ODP Radiological Intelligence as in District to State schedule above. (See also RDAM 11-2).

1. All dose rate and dose reports are to be based on unshielded readings. Dose rates which equal or exceed 1R/hr are to be reported to the nearest whole R/hr; dose rates less than 1R/hr are to be reported in milliroentgens. All dose reports are to be cumulative from arrival of fallout to the time of measurement.
2. If at any time following a period of decay, the dose rate suddenly increases, a special report should be filed immediately and a new schedule of measurements initiated, starting with period C above.

3. The symbol "F" is used to represent "time of fallout arrival" - "F + (a number)" represents "time in hours after fallout arrival".
- FMS stands for "Fixed Monitoring Station"
- EST stands for "Eastern Standard Time"
- < stands for "less than"
- > stands for "greater than"
- ≥ stands for "equal to or greater than"

EMERGENCY OPERATIONS PLAN
Annex K, Appendix 2.a Pr.

WILLIAM E. REGAN, DIRECTOR
DEPARTMENT OF EMERGENCY PREPAREDNESS
COUNTY OF SUFFOLK
YAPHANK AVE., YAPHANK, N.Y. 11980
DR.

RADIOLOGICAL INTELLIGENCE SECTION

CONTROL CENTER FMS REPORT LOG

W. E. Regan
(3 letter designator)

Date	Time	Station
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		

William E. Regan
(CD para-ductor)

RADIOLOGICAL INTELLIGENCE SECTION

CONTROL CENTER FMS REPORT LOG

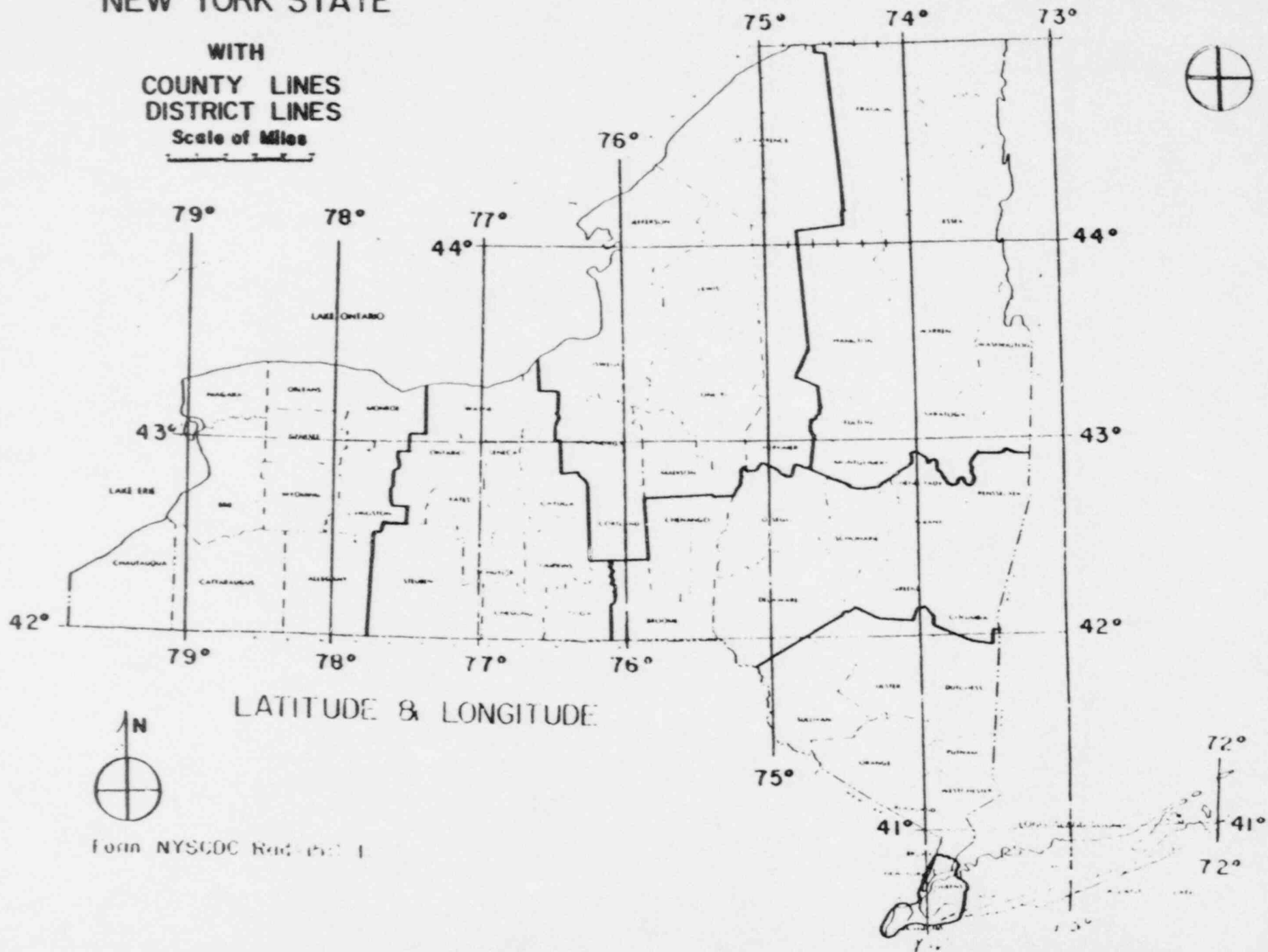
		(3 letter designator)																		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
Date	Time Started																			

(C.D. jurisdiction)

NEW YORK STATE

WITH
COUNTY LINES
DISTRICT LINES

Scale of Miles



LATITUDE & LONGITUDE

Form NYSCOC Rad. (Rev. 1)

RADIOLOGICAL INTELLIGENCE SECTION
KEY FIXED MONITORING STATIONS (KFMS)
CONTROL CENTER FMS REPORT LOG

SOUTHERN DISTRICT - DOS
(CD manufacturer)

BSX

Date	Time Station	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
	SOUTHERN DISTRICT - BSX																		
	DOS-BSX	WB9122																	
	DUTCHESS COUNTY - BPK																		
	62 BPK	WA9298																	
	63 "	WB8815																	
	65 "	WB8816																	
	67 "	XB1926																	
	68 "	WA9896																	
	69 "	XB1149																	
	70 "	XB1912																	
	MASSACHUSETTS COUNTY - BRA																		
	000 BRA	XA1515																	
	102 "	XV0596																	
	104 "	XV2396																	
	201 "	XA1017																	
	301 "	XA2325																	
	303 "	XA2416																	
	ORANGE COUNTY - BOP																		
	BOP	WA5684																	
	113 "	WA6876																	
	123 "	WA6492																	
	131 "	WA3890																	
	161 "	WA6860																	
	183 "	WA5463																	
	B0Q	WA4889																	
	2 B0R	WA2729																	

RADIOLOGICAL INTELLIGENCE SECTION
KEY FIXED MONITORING STATIONS (KFMS)
CONTROL CENTER FMS REPORT LOG

SOUTHERN DISTRICT - DOS
(CD (indications))

BSX

Date	Station	Time	(3 letter designator)																	
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
	PUTNAM COUNTY - BPV																			
	7		YA1086																	
	8		YA1584																	
	10		YA0681																	
	11		YA9079																	
	13		YA1596																	
	ROCKLAND COUNTY - RPK																			
	4		YA8556																	
	16		YA8263																	
	20		YA7351																	
			YA8745																	
	SUFFOLK COUNTY - BSA																			
	4		YA7520																	
	8		YA6222																	
	15		YA3807																	
	21		YA5225																	
	36		YA5110																	
	41		YA6814																	
	47		YA7826																	
	56		YA9632																	
	65		YA1929																	
	69		YA2154																	
	74		YA3839																	
	73		YA2349																	
	66		BR5148																	
	83		YA3461																	
			YA7026																	

RADIOLOGICAL INTELLIGENCE SECTION
 KEY FIXED MONITORING STATIONS (KFMS)
CONTROL CENTER FMS REPORT LOG

SOUTHERN DISTRICT - DOS

(CD production)

BSX

(3 letter designator)

Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
SULLIVAN COUNTY - BOH																		
BOH WB2611																		
7 " WB0525																		
12 " WB9506																		
14 " WA1591																		
20 " WB1439																		
24 " WB2127																		
37 " WB3323																		
ULSTER COUNTY - BOT																		
2 BOT WB6644																		
4 BOT WB6151																		
5 " WB4457																		
14 " WB4815																		
15 " WB8659																		
81 " WB7522																		
87 " WB6055																		
DOT WB8043																		
WESTCHESTER COUNTY - BPR																		
BPR XA0343																		
26 " XA0662																		
27 " XA1462																		
46 " WA9949																		
76 " XA0432																		
86 " XA1139																		
CITY OF MOUNT VERNON - BPS																		
1 BPS WA9729																		
CITY OF NEW ROCHELLE - BQT																		
BQT XA0330																		
CITY OF PEEKSKILL - BPC																		
(NONE)																		

Form NIDIC R-1-3
 Revised January 1970

STATE OF NEW YORK
 Appendix II, A.1, DOS
 Pg. 3 of 4, Aug. 72

RADIOLOGICAL INTELLIGENCE SECTION ANNEX (RDAM 2-5)

RADIOLOGICAL INTELLIGENCE SECTION
KEY FIXED MONITORING STATIONS (KFMS)
CONTROL CENTER FMS REPORT LOG

BSX

SOUTHERN DISTRICT - DOS

(CD jurisdiction)

(3 letter designator)

Date	Time Station	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
	CITY OF WHITE PLAINS - RPI WA03A																			
	CITY OF YONKERS - RPO WA933																			
	23 " WA9230																			

STATE FMS NETWORK
CIVIL AIR PATROL

(To be published at a later date)

MONITORING STATIONS ESTABLISHED AND EQUIPPED

Type Network State (FMS) *New York State Guard

BSG

J-Letter Designator

1. Station No.	2. UTM Coordinates	3. Type of Facility	4. Protection Factor	5. Address (Street and City)
NORTHERN DISTRICT				
333	XD2756	Armory	100	315 Champlain Street Ticonderoga, N.Y. Essex Co.
332	WE5566	Armory	100	116 West Main Street Malone, N.Y. Franklin Co.
330	WE6908	Armory	100	State Road - Rte. 3 Saranac Lake, N.Y. Franklin Co.
324	WC5367	Armory	100	87 Washington St. Cloversville, N.Y. Fulton Co.
320	WC6654	Armory	100	Florida & Dewitt Sts. Amsterdam, N.Y. Montgomery Co.
323	WC9971	Armory	100	61 Lake Avenue Saratoga Springs, N.Y. Saratoga
321	XC1096	Armory	100	Warren St. S Falls, N.Y. Warren Co.
313	XD2924	Armory	100	Roultney St. Whitehall, N.Y. Washington Co.
EASTERN DISTRICT				
030	XC0223	Armory	100	195 Washington Avenue Albany, N.Y. Albany Co.
300	XC0223	Armory	100	New Scotland Avenue Albany, N.Y. Albany Co.
420	XB2460	Armory	100	85 West End Avenue Binghamton, N.Y. Broome Co.
314	XB0278	Armory	100	Fifth & State Sts. Hudson, N.Y. Columbia Co.
423	YB8970	Armory	100	139 Stockton St. Walton, N.Y. Delaware Co.
303	WB9180	Armory	100	Route 23 Leeds, N.Y. Greene Co.
411	VC9401	Armory	100	4 Academy St. Oneonta, N.Y. Otsego Co.
312	XC3556	Armory	100	Church & Elm Sts. Hoosick Falls, N.Y. Rensselaer
310	XC0931	Armory	100	Glenmore Road Troy, N.Y. Rensselaer Co.
322	WC8740	Armory	100	125 Washington St. Schenectady, N.Y. Schenectady

Instructions For Preparing Form Rad-1F

1. Enter the name of the jurisdiction, the jurisdiction's 3-letter designator, and the date of form preparation in the spaces at the upper right of the form
2. Enter type of network, i.e., Fixed, Mobile, or Aerial, in the space at the upper left of the form.
3. In Column 1, enter only the number prefix assigned to the station since your 3-letter designator already appears in the upper right of the form. ☐ jurisdiction control centers which have been (and should be) established as FMS's are usually identified with only the 3-letter designator.
4. In Column 2, enter the UTM coordinates for each FMS location. The UTM coordinates for a station, for purposes of this report, should consist of two letters and only 4 digits. (See RDAM 10-8) Errors in determining the coordinates will result in errors regarding dose rate information received from these stations. Be sure that the scale (or size) of the UTM coordinate scale, matches the scale of the map you use.
5. In Column 3, indicate whether the FMS is a fire station, police station, warning point, post office, residence, etc.
6. In Column 4, enter the Protection Factor of the station such as 10, 40, 1,000 etc., not the "P.F. Category No." If the PF has not yet been determined, enter N/D. If the Counselling Service has been requested to make a determination, not yet reported, enter D/R.
7. In Column 5, enter the street address and city or village in which the FMS is located. If located on a rural route, indicate as "5 miles south of _____." Use the nearest village as a reference point.

Note: "Stations Established and Equipped" is defined as a monitoring station with two or more trained monitors and biological equipment in place at that location, and at least one of communication of communication available.

MONITORING STATIONS ESTABLISHED AND EQUIPPEDType Network State (FMS) *New York State Guard

BSG

3-Letter Designator

1. Station No.	2. UTM Coordinates	3. Type of Facility	4. Protection Factor	5. Address (Street and City)
CENTRAL DISTRICT				
403	VC0317	Armory	100	25 Wheeler Avenue Cortland, N.Y. Cortland Co.
433	VD5169	Armory	100	1 Park Drive Carthage, N.Y. Jefferson Co.
432	VD2769	Armory	100	327 Mullin St. (NYNM) Watertown, N.Y. Jefferson Co.
402	VC4872	Armory	100	217 Cedar Street Oneida, N.Y. Madison Co.
410	VC8272	Armory	100	Parkway East Utica, N.Y. Oneida Co.
412	VC6384	Armory	100	1110 Black River Bld. Rome, New York Oneida Co.
404	VC0665	Armory	100	236 W. Jefferson St. Syracuse, N.Y. Onondaga Co.
400	VC0665	Armory	100	1005 East Genesee St. Syracuse, N.Y. Onondaga Co.
431	VD7812	Armory	100	265 West First St. Oswego, N.Y. Oswego Co.
331	VE6148	Armory	100	225 Elizabeth Street Ogdensburg, N.Y. St. Lawrence
LAKE DISTRICT				
430	UC7255	Armory	100	174 South Street Auburn, N.Y. Cayuga Co.
525	UC3848	Armory	100	300 Main Street Geneva, N.Y. Ontario Co.
524	UB3168	Armory	100	Centerway Corning, N.Y. Steuben Co.
523	TR8189	Armory	100	100 Seneca Street Hornell, N.Y. Steuben Co.
WESTERN DISTRICT				
504	QS1263	Armory	100	119 Times Square Olean, N.Y. Cattaraugus Co.
502	PT3805	Armory	100	Main & Newton Sts. Dunkirk, N.Y. Chautauqua Co.
503	PS4662	Armory	100	Porter Ave. & Front St. Jamestown, N.Y. Chautauqua Co.
500	PT7350	Armory	100	1015 West Delavan Ave. Buffalo, N.Y. Erie Co.

Instructions For Preparing Form Rad-1F

1. Enter the name of the jurisdiction, the jurisdiction's 3-letter designator, and the date of form preparation in the spaces at the upper right of the form.
2. Enter type of network, i.e., Fixed, Mobile, or Aerial, in the space at the upper left of the form.
3. In Column 1, enter only the number prefix assigned to the station since your 3-letter designator already appears in the upper right of the form. ☐ jurisdiction control centers which have been (and should be) established as FMS's are usually identified with only the 3-letter designator.
4. In Column 2, enter the UTM coordinates for each FMS location. The UTM coordinates for a station, for purposes of this report, should consist of two letters and only 4 digits. (See RDAM 10-8) Errors in determining the coordinates will result in errors regarding dose rate information received from these stations. Be sure that the scale (or size) of the UTM coordinate scale, matches the scale of the map you use.
5. In Column 3, indicate whether the FMS is a fire station, police station, warning point, post office, residence, etc.
6. In Column 4, enter the Protection Factor of _____ as 10, 40, 1,000 etc., not the "P.F. Category No." If the PF _____ been determined, enter N/D. If the Counselling Service has been requested to make a determination, not yet reported, enter D/R.
7. In Column 5, enter the street address and city or village in which the FMS is located. If located on a rural route, indicate as "5 miles south of _____." Use the nearest village as a reference point.

Note: "Stations Established and Equipped" is defined as a monitoring station with two or more trained monitors assigned, the radiological equipment in place at that location, and at least one means of communication available.

MONITORING STATIONS ESTABLISHED AND EQUIPPEDType Network State (FMS) * New York State GuardBSG
J. Letter Designator

1	Station No.	2. UTM Coordinates	3. Type of Facility	4. Protection Factor	5. Address (Street and City)
WESTERN DISTRICT					
	500	PT7350	Armory	100	27 Masten Avenue Buffalo, New York Erie Co.
	501	PT7350	Armory	100	184 Connecticut St. Buffalo, N.Y. Erie Co.
	503	PT7364	Armory	100	79 Delaware St. Tonawanda, N.Y. Erie Co.
	514	QT2964	Armory	100	235 State St. Batavia, N.Y. Genesee Co.
	522	TC7144	Armory	100	34 Avon Road Genesee, N.Y. Livingston Co.
	520	TC9082	Armory	100	145 Culver Road Chester, N.Y. Monroe Co.
	521	TC9082	Armory	100	10 East Main St. Chester, N.Y. Monroe Co.
	512	PT8782	Armory	100	158 Willow Street Lockport, N.Y. Niagara Co.
	510	PT5973	Armory	100	901 Main Street Niagara Falls, N.Y. Niagara Co.
	513	QT1388	Armory	100	Pearl & Prospect Sts. Medina, N.Y. Orleans Co.
SOUTHERN DISTRICT					
	612	WB8917	Armory	100	61 Market St. Poughkeepsie, N.Y. Dutchess Co.
	210	XA2102	Armory	100	63 Babylon Turnpike Freeport, N.Y. Nassau Co.
	020	XA2008	Armory	100	216 Washington St. Hempstead, N.Y. Nassau Co.
	610	WA8295	Armory	100	355 S. William St. Newburgh, N.Y. Orange Co.
	614	WA8844	Armory	100	Orangeburg Road Orangeburg, N.Y. Rockland Co.
	212	XA4808	Armory	100	70 Brentwood Road Bayshore, N.Y. Suffolk Co.
	211	XA3425	Armory	100	100 E. Fifth St. Huntington Sta., N.Y. Suffolk
	214	XA5223	Armory	100	Box 184, Smithtown Blvd. Nesconset, N.Y. Suffolk Co.
	213	XA6716	Armory	100	100 Barton Ave. Patchogue, N.Y. Suffolk Co.

Instructions For Preparing Form Rad-1F

1. Enter the name of the jurisdiction, the jurisdiction's 3-letter designator, and the date of form preparation in the spaces at the upper right of the form.
2. Enter type of network, i.e., Fixed, Mobile, or Aerial, in the space at the upper left of the form.
3. In Column 1, enter only the number prefix assigned to the station since your 3-letter designator already appears in the upper right of the form. ☺ jurisdiction control centers which have been (and should be) established as FMS's are usually identified with only the 3-letter designator.
4. In Column 2, enter the UTM coordinates for each FMS location. The UTM coordinates for a station, for purposes of this report, should consist of two letters and only 4 digits. (See RDAM 10-2) Errors in determining the coordinates will result in errors regarding dose rate information received from these stations. Be sure that the scale (or size) of the UTM coordinate scale, matches the scale of the map you use.
5. In Column 3, indicate whether the FMS is a fire station, police station, warning point, post office, residence, etc.
6. In Column 4, enter the Protection Factor of the station such as 10, 40, 1,000 etc., not the "P.F. Category No." If the PF has not yet been determined, enter N/D. If the Counselling Service has been requested to make a determination, not yet reported, enter D/R.
7. In Column 5, enter the street address and city or village in which the FMS is located. If located on a rural route, indicate as "3 miles south of _____." Use the nearest village as a reference point.

Note: "Stations Established and Equipped" is _____ monitoring station with two or more trained monitors assigned, the radiological equipment in place at that location, and at least one means of communication available.

MONITORING STATIONS ESTABLISHED AND EQUIPPEDType Network State (FMS) * New York State Guard

BSG

3-Letter Designator

1. Station No.	2. UTM Coordinates	3. Type of Facility	4. Protection Factor	5. Address (Street and City)
SOUTHERN DISTRICT				
215	XA9731	ARMORY	100	1405 Old Country Road Riverhead, N.Y. Suffolk Co.
611	WB8161	ARMORY	100	North Manor Ave. Kingston, N.Y. Ulster Co.
603	WA9559	ARMORY	100	Route 9A Ossining, N.Y. Westchester Co.
060	WA9172	ARMORY	100	955 Washington Street Peekskill, N.Y. Westchester Co
602	XA0443	ARMORY	100	Mitchell PLAS. Broadway The Plains, N.Y. Westchester
600	WA9333	ARMORY	100	127 North Broadway Yonkers, N.Y. Westchester Co.
NEW YORK CITY				
111	WA9727	ARMORY	100	1122 Franklin Avenue Bronx, N.Y.
J	WA9327	ARMORY	100	29 West Kingsbridge Rd. Bronx, N.Y.
200	WA9000	ARMORY	100	1322 Bedford Avenue Brooklyn, N.Y.
201	WA9000	ARMORY	100	1402 Eighth Avenue Brooklyn, N.Y.
202	WA9000	ARMORY	100	355 Marcy Avenue Brooklyn, New York
203	WA9000	ARMORY	100	1579 Bedford Avenue Brooklyn, N.Y.
100	WA8615	ARMORY	100	125 W. 14th Street Manhattan, N.Y.
101	WA8618	ARMORY	100	56 W. 66th Street Manhattan, N.Y.
103	WA9124	ARMORY	100	216 Ft. Washington Ave. Manhattan, N.Y.
110	WA8712	ARMORY	100	643 Park Avenue Manhattan, N.Y.
114	WA8610	ARMORY	100	68 Lexington Avenue Manhattan, N.Y.
120	WA9019	ARMORY	100	2366 Fifth Avenue Manhattan, N.Y.
104	XA0115	ARMORY	100	137-58 Northern Blvd. Flushing, N.Y. Queens

Instructions For Preparing Form Rad-1F

1. Enter the name of the jurisdiction, the jurisdiction's 3-letter designator, and the date of form preparation in the spaces at the upper right of the form
2. Enter type of network, i.e., Fixed, Mobile, or Aerial, in the space at the upper left of the form.
3. In Column 1, enter only the number prefix assigned to the station since your 3-letter designator already appears in the upper right of the form. ☐
jurisdiction control centers which have been (and should be) established as FMS's are usually identified with only the 3-letter designator.
4. In Column 2, enter the UTM coordinates for each FMS location. The UTM coordinates for a station, for purposes of this report, should consist of two letters and only 4 digits. (See RDAM 10-8) Errors in determining the coordinates will result in errors regarding dose rate information received from these stations. Be sure that the scale (or size) of the UTM coordinate scale, matches the scale of the map you use.
5. In Column 3, indicate whether the FMS is a fire station, police station, warning point, post office, residence, etc.
6. In Column 4, enter the Protection Factor of the station such as 10, 40, 1,000 etc., not the "P.F. Category No." If the PF has not yet been determined, enter N/D. If the Counselling Service has been requested to make a determination, not yet reported, enter D/R.
7. In Column 5, enter the street address and city or village in which the FMS is located. If located on a rural route, indicate as "5 miles south of _____." Use the nearest village as a reference point.

Note: "Stations Established and Equipped" is defined as a monitoring station with two or more trained monitors as a monitoring station in place at that location, and at least biological equipment available. of communication

MONITORING STATIONS ESTABLISHED AND EQUIPPED

Type Network State (FMS) *New York State Guard

BSG
3-Letter Designator

1	Station No.	2	UTM Coordinates	3	Type of Facility	4	Protection Factor	5	Address (Street and City)
	NEW YORK CITY								
	205		XA0403		Armory		100		93-05 168th Street Jamaica, N.Y. Queens
	104		WV7293		ARMORY		100		321 Manor Road Staten Island, N.Y.
	*These stations are part of the State Fixed Monitoring Station Network.								
	Local CD Directors should neither request additional instruments for these								
	stations nor should they be counted by local civil defense as stations								
	established and equipped by local CD (see RDAM 11, Section V.)								

Instructions For Preparing Form Rad-1F

1. Enter the name of the jurisdiction, the jurisdiction's 3-letter designator, and the date of form preparation in the spaces at the upper right of the form
2. Enter type of network, i.e., Fixed, Mobile, or Aerial, in the space at the upper left of the form.
3. In Column 1, enter only the number prefix assigned to the station since your 3-letter designator already appears in the upper right of the form. ☐ jurisdiction control centers which have been (and should be) established as FMS's are usually identified with only the 3-letter designator.
4. In Column 2, enter the UTM coordinates for each FMS location. The UTM coordinates for a station, for purposes of this report, should consist of two letters and only 4 digits. (See RDAM 10-8) Errors in determining the coordinates will result in errors regarding dose rate information received from these stations. Be sure that the scale (or size) of the UTM coordinate scale, matches the scale of the map you use.
5. In Column 3, indicate whether the FMS is a fire station, police station, warning point, post office, residence, etc.
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7. In Column 5, enter the street address and city or village in which the FMS is located. If located on a rural route, indicate as "5 miles south of _____." Use the nearest village as a reference point.

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MONITORING STATIONS ESTABLISHED AND EQUIPPED

Type Network State (FMS)* - N.Y.S. Dept. of Transportation

BPW

3-Letter Designator

1. Station No.	2. UTM Coordinates	3. Type of Facility	4. Protection Factor	5. Address (Street and City)
REGION I				
1-1	WC9823	DOT Resident Engineer Office	100	Main St., Voorheesville, N.Y. Albany Co.
1-2	YD1297	"	"	Elizabethtown, N.Y. Rte. 9N, Essex Co.
1-3	WB8384	"	"	County Rte. 84, Cairo, N.Y. Greene Co.
1-4	XC0823	"	"	Rte. 4 & 43, Defreestville, N.Y. Rensselaer Co.
1-5	WC9869	"	"	West Avenue, Saratoga Springs, NY Saratoga Co.
1-6	WC8440	"	"	8008 Chrysler Ave. Ext. Schenectady, NY, Schenectady Co.
1-7	VD9918	"	"	Main St., Warrensburg, N.Y. Warren Co.
1-8	XC1695	"	"	Burgoyne Ave., Hudson Falls, N.Y. Washington Ave.
1-9	XC0738	Highway Shop	"	21 Ninth St., Waterford, N.Y. Saratoga Co.
1-10	YD2813	Div. of Canals	"	Lock 11, Champlain Comstock, NY, Washington Co.
1-11	WC8047	"	"	Lock 9, Erie Otterdam, N.Y., Schenectady Co.
1-12	XC1042	Div. of Canals Champlain Canal	"	Lock 1, Champlain Waterford, N.Y., Saratoga Co.
1-13	WC9242	Div. of Canals	"	Vischer Ferry, N.Y. Saratoga Co.
REGION II				
2-1	VC8174	Region Office	"	109 North Genesee St., Utica, N.Y. Oneida Co.
2-2	VC8770	Highway Main Garage	"	Harbor Lock Rd., Utica, N.Y. Oneida Co.
2-3	VC6386	Residence	"	6515 Rome-Lowell Rd., Rte. 26, Rome, N.Y., Oneida Co.
2-4	WC0063	Residence	"	Fifth Ave., Herkimer, N.Y. Herkimer Co.
2-5	WC3550	Residence	"	East Main St., Canajoharie, N.Y. Montgomery Co.
2-6	WC5156	Div. of Canals	"	Barge Canal Terminal, Fonda, N.Y. Montgomery Co.
2-7	WC5060	Residence	"	15 Pennsylvania Ave., Johnstown, N.Y., Fulton Co.
2-8	VC4573	Residence	"	635 Lenox Ave., Oneida, N.Y. Madison Co.

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MONITORING STATIONS ESTABLISHED AND EQUIPPED

Type Network State (FMS)* - N.Y.S. Dept. of Transportation

BPW

3-Letter Designator

1. Station No.	2. UTM Coordinates	3. Type of Facility	4. Protection Factor	5. Address (Street and City)
2-9	WD6047	Residence	100	Indian Lake, N.Y. Hamilton Co.
<u>REGION III</u>				
3-1	YC0665	Region Office	"	State Office Bldg., 333 E. Wash. St. Syracuse, N.Y., Onondaga Co.
3-2	YC0876	Res. Eng. Office	7204	South Bay Rd., N. Syracuse, N.Y. Onondaga Co.
3-3	UC9366	" " "	"	3900 Onondaga Blvd., Camillus, NY Onondaga Co.
3-4	VC7255	" " "	"	251 Downing Ave. Cayuga Co.
3-5	VC0317	" " "	"	West Rd. Cattaraugus Co.
3-6	UC3067	" " "	"	Route 31 Wayne Co.
3-7	VD0012	" " "	"	Route 3, Mexico, N.Y. Oswego Co.
3-8	UC4852	" " "	"	W. Huff Street Ext., Waterloo, N.Y., Seneca Co.
3-9	UC9366	Region Shop	"	7220 S. Bay Rd., N. Syracuse, NY Onondaga Co.
3-10	VC0665	Barge Canal Terminal	"	425 Solar Street Syracuse, N.Y., Onondaga Co.
3-11	UC7600	Res. Eng. Office	"	Third St. Extension Ithaca, N.Y., Tompkins Co.
3-12	UC3870	Barge Canal Lock 28A	"	Route 31 Lyons, N.Y., Wayne Co.
<u>REGION IV</u>				
4-1	TC8882	Region Office	"	Barge Canal Term. Bldg. (Monroe Co) Harbor Blvd., Rochester, N.Y.
4-2	TC9574	Canal Shop	"	3837 Monroe Ave., Pittsford, N.Y. Monroe Co.
4-3	TC7042	Res. Eng. Office	"	117 Center St., Geneseo, N.Y. Livingston Co.
4-4	QT3536	" " "	"	South Main St., Warsaw, N.Y. Wyoming Co.
4-5	QT2964	" " "	"	145 Walnut St., Batavia, N.Y. Genesee Co.
4-6	TC7285	" " "	"	2541 Union St., Spencerport, N.Y. Monroe Co.
4-7	QT2992	Res. Eng. Office	"	141 N. Liberty St., Albion, N.Y. Orleans Co.
4-8	UC1451	" " "	"	125 Parrish St., Canandaigua, NY Ontario Co.

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MONITORING STATIONS ESTABLISHED AND EQUIPPED

Type Network State (FMS)* - N.Y.S. Dept. of Transportation BPW

3. Letter Designator

1. Station No.	2. UTM Coordinates	3. Type of Facility	4. Protection Factor	5. Address (Street and City)
<u>REGION V</u>				
5-1	PS2476	Res. Eng. Office	100	Chautaugus St., Mayville, N.Y. Chautaugus Co.
5-2	PT8882	" " "	"	500 West Ave. Lockport, N.Y., Niagara Co.
5-3	PT8230	" " "	"	100 Lakeview Pl., Hamburg, N.Y.
5-4	PT8850	" " "	"	Broadway & Indian Rd. Depew, N.Y., Erie Co.
5-5	PS8770	" " "	"	Salamanca-Little Valley Rd. Salamanca, N.Y., Cattaraugus Co.
<u>REGION VI</u>				
6-2	QS2677	Resident	"	North Branch St. Friendship, N.Y., Allegany Co.
6-3	UB2369	"	"	RD#2, Painted Post, N.Y. Steuben Co.
6-4	UB4594	"	"	Rte. 414 & 16., Watkins Glen, N.Y. Schuyler Co.
6-1	TB8189	District Office	"	30 West Main St., Hornell, N.Y. Steuben Co.
6-5	UB9563	Resident	"	Upper North Ave., Owego, N.Y. Tioga Co.
<u>REGION VII</u>				
7-1	VD3070	Region Office & Shop	"	144 Van Duzee St., Watertown, NY
7-2	WE5567	Res. Eng. Office	"	Malone, N.Y.
7-3	VD6050	" " "	"	Postwick St., Lowville, N.Y. Lewis Co.
<u>REGION VIII</u>				
8-2	XB6375	" " "	"	11 Union Turnpike, Hudson, NY Columbia Co.
8-1	WB9315	Region B Off.	"	28 Dutchess Tnpk., Poughkeepsie, NY Dutchess Co.
8-3	XB1703	Res. Eng. Office	"	44 E. Main St., Pawling, N.Y. Dutchess Co.
8-4	WA4892	" " "	"	112 Dickson St., Newburgh, N.Y. Orange Co.
8-5	WA4885	" " "	"	Montgomery Rd., Middletown, N.Y. Orange Co.
8-6	WA8555	Res. Eng. Office	"	2A Ridge Rd., New City, N.Y. Rockland Co.
8-7	WB7740	" " "	"	11 Quarry St., Kingston, N.Y. Ulster Co.
8-8	XA0867	" " "	"	19 Katonah Ave., Katonah, N.Y. Westchester Co.

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MONITORING STATIONS ESTABLISHED AND EQUIPPED

Type Network State (FMS)* - N.Y.S. Dept. of Transportation

BPW
 J. Letter Designer

1. Station No.	2. UTM Coordinates	3. Type of Facility	4. Protection Factor	5. Address (Street and City)
8-9 <u>REGION IX</u>	YA0347	Res. Eng. Office	100	Sawmill River Rd. Eastview, Valhalla, N.Y., Westchester Co.
9-1	VB2663	Region Shop	"	73 Frederick Street Binghamton, N.Y., Broome Co.
9-2	VB2962	Res. Eng. Office	"	Barlow Rd., RD #6 Binghamton, N.Y., Broome Co.
9-3	VB5199	" " "	"	Nerwich-Oxford Rd. Oxford, N.Y., Chenango Co.
9-4	WB0683	" " "	"	Meridith St. Delaware, N.Y., Delaware Co.
9-5	VB7644	" " "	"	Delaware, N.Y., Delaware Co.
9-6	VB9199	" " "	"	Lower Oneida St. Oneonta, N.Y., Otsego Co.
9-7	WCh224	" " "	"	West Main St., Rte. 7, Cobleskill, N.Y., Schoharie Co.
9-8 <u>REGION X</u>	WB2711	" " "	"	Old Rte. 17, RD #2 Monticello, N.Y., Sullivan Co.
10-1	YA4206	Region Office	"	325 West Main St. Babylon, L.I., N.Y., Suffolk Co.

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STATE FMS NETWORK
STATE POLICE

(To be published at a later date)

MONITORING STATIONS ESTABLISHED AND EQUIPPED

Type Network State (FMS)* - New York State Police

BSP

3-Letter Designator

1. Station No.	2. UTM Coordinates	3. Type of Facility	4. Protection Factor	5. Address (Street and City)
<u>Troop A</u>				
1-A	QT 3064	Troop A (Hq)	100	Rte. 5, 669 Main St. East Batavia, N.Y. Genesee Co.
2-A	PT 6080	Zone 1		Rte. 265, Upper Mountain Rd., Leviston, N.Y. Niagara Co.
3-A	PT 8888	Sub B		Rte. 104 - Rte. 78 Wrights Corners, N.Y. Niagara Co.
4-A	PT 7437	Zone 2		Rte. 5, 5424 Lakeshore Rd., Athol Springs, NY Erie Co.
5-A	PT 9561	Sub A		Rte. 5, Main Street Clarence, N.Y. Erie Co.
6-A	QT 3438	Sub C		Rte. 19, Buffalo Road Warsaw, N.Y. Wyoming Co.
7-A	PS 5266	Zone 3		Rte. 17, 509 E. Main Street Falconer, N.Y. Chautauque Co.
8-A	PS 3800	Sub A		Rte. 20, 273 East Main Street Fredonia, N.Y. Chautauque Co.
9-A	TB 5467	Zone 4		Rte. 17, Miller Road Welleville, N.Y. Allegany Co.
10-A	QS 1161	Sub B		Rte. 17, 3224 W. State Rd. Allegany, N.Y. Cattaraugus Co.
<u>Troop B</u>				
1-B	WE 5568	Troop B (Hq)		11, W. Main Street N.Y. Franklin Co.
2-B	YE 2049	Zone 1		- Rte. 87 Ch. N.Y. Clinton Co.
3-B	VE 6247	Sub B		1200 N.Y. Ave., Cassburg, N.Y. St. Lawrence Co.
4-B	VE 9342	Zone 2		Rte. 11, Ames Road Canton, N.Y. St. Lawrence Co.
5-B	VE 6209	Sub B		320 E. Main Street Gouverneur, N.Y. St. Lawrence Co.
6-B	WE 0674	Sub B		East Orvis Street Massena, N.Y. St. Lawrence Co.
7-B	WE 7106	Zone 3		Rte. 86, Saranac Lake, N.Y. Essex Co.
8-B	XD 1895	Sub A		Rte. 9N, Rte. 87 Westport, NY Essex Co.
9-B	XD 0055	Sub C		Rte. 9, Schroon Lake, N.Y. Essex Co.
10-B	WE 9516	Sub B		Rte. 86, Wilmington, N.Y. Essex Co.

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MONITORING STATIONS ESTABLISHED AND EQUIPPED

Type Network State (FMS)* - New York State Police

BSP
 J. Letter Designator

1. Station No.	2. UTM Coordinates	3. Type of Facility	4. Protection Factor	5. Address (Street and City)
<u>Troop C</u>				
1-C	VB 7286	Troop C (Hq)		Rte. 7, Unadilla, Sidney, N.Y. Delaware Co.
2-C	VB 9799	Zone 1		Rte. 23, Oneonta, N.Y. Otsego Co.
3-C	WC 0244	Sub C		Rte. 20, Richfield Springs, NY Otsego Co.
4-C	WB 3165	Sub B		Rte. 28, Margaretville, NY Delaware Co.
5-C	VC 5612	Sub B		Rte. 12 - Rte. 320 Norwich, NY Chenango Co.
6-C	VB 3259	Zone 2		Rte. 11 - Rte. 17 Kirkwood, NY Broome Co.
7-C	VB 6556	Sub C		Rte. 17, Oak Street Deposit, N.Y. Delaware Co.
8-C	UC 8101	Zone 3		Rte. 366 - Rte. 13, Varna, N.Y. Tompkins Co.
9-C	VC 0518	Sub A		Rte. 13, 6 Locust St., Cortland, N.Y. Cortland Co.
10-C	UB 9460	Sub B		Rte. 17, Owego Creek Bridge Owego, N.Y. Tioga Co.
<u>Troop D</u>				
1-D	VC 4968	Troop D (Hq)		5, Genesee Street N.Y. Madison Co.
2-D	VC 7269	Zone 1		Clinton St., ... N.Y. Oneida Co.
3-D	WC 0163	Sub A		...ain Street ... N.Y. Herkimer Co.
4-D	VD 8205	Sub C		Rte. 12, Remsen Alder Creek, N.Y. Oneida Co.
5-D	VC 4849	Sub C		Rte. 20, Christian Hill Rd. Morrisville, N.Y. Madison Co.
6-D	VC 0371	Zone 2		441 Beechwood Ave., Syracuse, N.Y. Onondaga Co.
7-D	VC 8697	Sub B		Rte. 3, 12th Street Fulton, N.Y. Oswego Co.
8-D	VD 2776	Zone 3		Rte. 37 - Rte. 342 Watertown, N.Y. Jefferson Co.
9-D	VE 2406	Sub C		Rte. 12 - Rte. 81 Jefferson Co. Alexandria Bay, N.Y.
10-D	VD 6049	Sub B		Rte. 12 - Rte. 26, Lowville, N.Y. Lewis Co.

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MONITORING STATIONS ESTABLISHED AND EQUIPPEDType Network State (FMS)* - New York State PoliceRSP
3-Letter Designator

1. Station No.	2. UTM Coordinates	3. Type of Facility	4. Protection Factor	5. Address (Street and City)
11-D	VC 1023	Sub B		Rte. 2A, Centerville Rd., Pulaski, N.Y. Cayuga Co.
12-D	VC 1049	Sub B		Rte. 11 - I 81 Lafayette, NY Onondaga Co.
Troop E 1-E	UC 0958	Troop E (Hq)	100	Rte. 332 - Rte. 96 Canandaigua, NY Ontario Co.
2-E	TC 8873	Zone 1		97 Ridgeland Rd., Rochester, NY Monroe Co.
3-E	TC 6291	Sub A		8423 Ridge Rd. West, Rts. 19 & 104, Clarkson, NY Monroe Co.
4-E	TC 6940	Sub A		Rte. 63 - Rte. 20A, N.Y. Livingston Co.
5-E	UC 6954	Zone 2		Rte. 20, Cayuga Co.
6-E	UC 4651	Sub A		Rte. 5, Waterloo, N.Y. Seneca Co.
7-E	UC 2768	Sub A		Rte. 31, Union Street, Newark, N.Y. Wayne Co.
8-E	UC 2289	Sub C		249 Highway 104, Williamson, N.Y. Wayne Co.
9-E	UB 0494	Zone 3		Rte. 15, Bath, N.Y. Steuben Co.
10-E	UR 2770	Sub A		Rte. 15, Painted Post, N.Y. Steuben Co.
11-E	UB 4969	Zone 4		Rte. 14, Horseheads, N.Y. Chemung Co.
12-E	UC 3928	Sub B		Rte. 14, Lake St., Dresden, N.Y. Yates Co.
13-E	TC 8316	Sub C		Rte. 15, Main St. Wayland, N.Y. Steuben Co.
14-E	UC 5387	Sub C		Rte. 104, W. Main St., Wolcott, N.Y. Wayne Co.
Troop F 1-F	WA 5390	Troop F (Hq)	100	Rte. 17, Crystal Run Rd., Middletown, N.Y. Orange Co.
2-F	WB 2225	Zone 1		Rte. 175 - Rte. 52 Ferndale, N.Y. Sullivan Co.
3-F	WA 6778	Zone 2	6	Rte. 208 - Rte. 17, Monroe, N.Y. Orange Co.
4-F	WA 7695	Sub A		Rte. 17K - TWY 17, Newburgh, N.Y. Orange Co.

*These stations are part of the State Fixed Monitoring Station Network. Local CD Directors should neither request additional instruments for these stations nor should they be counted by local civil defense as stations established and equipped by local CD (See RDAM-II, Sec. V)

MONITORING STATIONS ESTABLISHED AND EQUIPPED

Type Network State (FMS)* - New York State Police

BSP

3-Letter Designator

1. Station No.	2. UTM Coordinates	3. Type of Facility	4. Protection Factor	5. Address (Street and City)
5-F	WA 8564	Sub B		Rte. 9W - Rte. 210, Stony Point, N.Y. Rockland Co.
6-F	WB 8243	Zone 3		Rte. 9W - Rte. 209, Kingston, N.Y. Ulster Co.
7-F	WB 8624	Sub C		Rte. 9W - Rte. 299, Highland, N.Y. Ulster Co.
8-F	WB 5424	Sub B		Rte. 209 - Rte. 55, Wavering, N.Y. Ulster Co.
9-F	WB 9078	Sub C		Rte. 23, Leeds Flat, N.Y. Greene Co.
<u>Troop G</u>				
1-G	XC 0129	Troop G (Hq)	10	9. Spring Rd., N.Y. Albany Co.
2-G	XC 1435	Zone 1		Hoosick Rd., NY Rensselaer Co.
3-G	XC 0716	Sub A		Rte. 20, N. Greenbush, NY Rensselaer Co.
4-G	WC 9711	Sub B		Rte. 9W, Lasher Rd., Selkirk, NY Albany Co.
5-G	XC 0789	Zone 2		Rte. 9 - Rte. 197, S. Glens Falls, N.Y. Saratoga Co.
6-G	WC 9959	Sub A		Rte. 9 - Rte. 67, N.Y. Saratoga Co.
7-G	WC 5055	Zone 3		W. 4 St., East St., Fonda, NY Montgomery Co.
8-G	WC 7134	Sub A		Rte. 7, Duane Ave., Duaneburg, NY Schenectady Co.
<u>Troop K</u>				
1-K	XA 0055	Troop K (Hq)	100	Taconic Pkwy., Hawthorne Circle, Hawthorne, NY Westchester Co.
2-K	WA 9298	Zone 1	7	Rte. 52 - Rte. 9 Fishkill, NY Dutchess Co.
3-K	WB 8940	Sub A	10	Rte. 9 - Rte. 308, Rhinebeck, NY Dutchess Co.
4-K	YB 1722	Sub B	5	Rte. 22 - Rte. 343, Doyer Plains, NY Dutchess Co.
5-K	YB 0575	Zone 2		Rte. 23 - Rte. 217 Claverack, NY Columbia Co.
6-K	XA 9531	Zone 3		Rte. 25, Riverhead, NY Suffolk Co.
7-K	WA 8972	Sub A		Rte. 6 - Rte. 202, Peekskill, N.Y. Westchester Co.

*These stations are part of the State Fixed Monitoring Station Network. Local CD Directors should neither request additional instruments for these stations nor should they be counted by local civil defense as stations established and equipped by local CD (See RDAM-II, Sec. V)

MONITORING STATIONS ESTABLISHED AND EQUIPPED

Type Network State (FMS)* - New York State Police

BSP
 3-Letter Designator

1. Station No.	2. UTM Coordinates	3. Type of Facility	4. Protection Factor	5. Address (Street and City)
8-K	WA 9977	Zone 4		Taconic Pkwy, Bryant Pond Rd., TWN Putnam Valley, Putnam Co. Rte. 22, Patterson, NY Putnam Co.
9-K Troop T	XA 1797	Sub B		TWY Exit 23, Albany, N.Y. Albany Co.
1-T	XC 0019	Troop T (Hq)	100	TWY Exit 59, Fredonia, NY Chautauqua Co.
2-T	PT 5401	Troop T		TWY Exit 57, NY, Erie Co.
3-T	PT 8255	Troop T		NY, Erie Co.
4-T	TC 8469	Troop T		NY Monroe Co.
5-T	UC 5059	Troop T		NY Seneca Co.
6-T	VC 1272	Troop T		TWY Exit 35, Syracuse, NY Onondaga Co.
7-T	VC 8772	Troop T		TWY Exit 31 Schuyler, NY Schuyler Co.
8-T	WC 5355	Troop T		TWY Exit 28, Fultonville, N.Y. Montgomery Co.
9-T	WB 8444	Troop T		TWY Exit 19 Kingston, NY Ulster Co.
10-T	WA 7994	Troop T		TWY Exit 17 Newburgh, NY Orange Co.
11-T	WA 9646	Troop T		TWY Exit 9 Tarrytown, NY Westchester Co.
13-T	XA 0128	Troop T		NE TWY, I 95 Exit 8, New Rochelle, NY Westchester Co.

* These stations are part of the State Fixed Monitoring Station Network. Local CD Directors should neither request additional instruments for these stations nor should they be counted by local civil defense as stations established and equipped by local CD (See RDAM-II, Sect. V).

STATE FMS NETWORK
MISCELLANEOUS STATIONS

(To be published at a later date)

U.S. AIR FORCE INSTALLATIONS SUPPLIED WITH CD V-777 KITS

<u>Installation</u>	<u>Kits</u>	<u>Installation</u>	<u>Kits</u>
5700 Air Base Wing (WOPN-P) APO New York 09825	14	Commander, 2856 Air Base Group Griffiss AFB, N.Y. 13440 Attn: ROE#1 (for Capt. Lutz)	13
Disaster Preparedness Officer 4624 Air Base Squadron Hancock Fld, N.Y. 13225	8	Disaster Preparedness Officer 380 Strategic Aerospace Wg Plattsburgh AFB, N.Y. 12903	11
Disaster Preparedness Officer 763 Radar Sq Lockport AFS, N.Y. 14094	2	174 Tac Ftr Gp, AFB 6324 New York ANG, Hancock Fld Syracuse, N.Y. 13211 Attn: Base Civil Engineer	2
Disaster Preparedness Officer 773 Radar Sq Montauk AFS, N.Y. 11954	2	109 Mil Alft Gp, AFB 6323 New York ANG, Sch'dy Cty Aprt. P.O. Box 938 Schenectady, N.Y. 12301 Attn: Base Civil Engineer	2
Disaster Preparedness Officer 4621 Air Base Group Niagara Falls Int'l Aprt Niagara Falls, N.Y. 14306	8	152 Tac Control Gp Roslyn ANG Station Roslyn, N.Y. 11576	2
Disaster Preparedness Officer 656 Radar Sq Saratoga AFS, N.Y. 12550	2	106 Mil Alft Gp, AFB 6325 USNAS Brooklyn, N.Y. 11234 Attn: Base Civil Engineer	2
Disaster Preparedness Officer 4603 Air Base Group Stewart AFB, N.Y. 12550	10	105 Mil Alft Gp, AFB 6322 Westchester Cty Aprt White Plains, N.Y. 10604 Attn: Base Engineer	2
Disaster Preparedness Officer 52 Fighter Wing Suffolk Co AFB, N.Y. 11978	10	Disaster Preparedness Officer (RES) 914th Troop Carrier Group Niagara Falls Municipal Aprt Niagara Falls, N.Y. 14306	3
Disaster Preparedness Officer 655 Radar Sq Watertown AFS, N.Y. 13601	2		
	Sub Total	Sub Total	37
	58	GRAND TOTAL	98

The above installations are advised to arrange for the biennial maintenance and calibration of their CD V-777 kits by contacting New York State Division of Military and Naval Affairs, Attn: MRDP-PP, Building #4, State Office Building Campus, Albany, N.Y. 12226 (Phone: 518-457-3897).

U.S. ARMY INSTALLATIONS SUPPLIED WITH CD V-777 KITS

<u>Installation</u>	<u>Kits</u>	<u>Installation</u>	<u>Kits</u>
Transportation Officer Attn: Director/Intel/Tng Fort Drum Watertown, N.Y. 13601	10	Superintendent United States Military Academy West Point, N.Y. 10996	16
Commander Hqtrs. Battery 1st Reg. APADCOM Attn: Staff Chemical Officer Stewart Field Newburgh, N.Y. 12250	2	U.S.A. Corps of Engineers 26 Federal Plaza New York, New York 10007 Attn: Mr. Fisher	14
Commander Watervliet Arsenal Attn: SWEV-RGP Watertvliet, N.Y. 12189	10		
Commander Battery A, 3rd Battalion 51st Air Defense Artillery Fort Tilden, N.Y. 11695	2		
Sub Total	24	Sub Total	30
		GRAND TOTAL:	54

The above installations are advised to arrange for the biennial maintenance and calibration of their CD V-777 kits by contacting New York State Division of Military and Naval Affairs, Attn: MNDP-PP, Building #4, State Office Building Campus, Albany, N.Y. 12226 (Phone: 518-457-3897).

U. S. ARMY INSTALLATIONS SUPPLIED WITH CD V-777 KITS

<u>INSTALLATION</u>	<u>KITS</u>
Transportation Officer Attn: Director, Intel/Tng Fort Drum Watertown, N.Y. 13601	10
Commander Watervliet Arsenal Attn: SWEWV-PGP Watervliet, N.Y. 12189	10
Superintendent United States Military Academy West Point, N.Y. 10996	16
US Army Corps of Engineers 26 Federal Plaza New York, N.Y. 10007 Attn: Mr. Fisher	14
TOTAL	<u>50</u>

Note:

1. The CDV-777, Fixed Monitoring Station Kit consists of the following radiological instruments:

- 1 - CDV-700 Geiger Counter (0-50 mR/hr).
- 2 - CDV-715 Survey Meter Gamma (0-500 R/hr).
- 2 - CDV-742 Dosimeter (0-200 R).
- 1 - CDV-750 Dosimeter Charger

A more detailed description of each of the types of CD instruments listed above can be found in N.Y. State Radiological Defense Advisory Manual (RDAM) No. 6-2 available from the address indicated in Note 2.

2. The above installations should arrange for the annual maintenance and calibration of the CD instruments by contacting the N.Y. State Radiological Intelligence Section, NYDMNA-ODP, Bldg. 22, State Campus, Albany, N.Y. 12226 (Phone: 518 457-3897). The date of last calibration is stamped on the outside box and on the CDV-715 instrument.

U.S. AIR FORCE INSTALLATIONS SUPPLIED WITH CD V-777 KITS

<u>INSTALLATION</u>	<u>KITS</u>
5700 Air Base Wing (WOPN-P) APO New York 09825	14
Disaster Preparedness Officer 4789th Air Base GP (OXTD) Hancock Field, N.Y. 13225	6
Disaster Preparedness Officer 763rd Radar Squadron Lockport Air Force Station, N.Y. 14094	2
Disaster Preparedness Officer 773rd Radar Squadron Montauk Air Force Station, N.Y. 11954	2
Disaster Preparedness Officer 656th Radar Squadron Saratoga Air Force Station, N.Y. 12250	2
Disaster Preparedness Officer 655th Radar Squadron Watertown Air Force Station, N.Y. 13601	2
Commander 2856 Air Base Group Attn: ROBMM Griffiss Air Force Base, N.Y. 13440	13
Disaster Preparedness Officer 380th Strategic Aerospace Wing Plattsburgh AFB, N.Y. 12903	11
HQ 174 TAC FTR GP FB 6324 New York ANG, Hancock Field Syracuse, N.Y. 13211 Attn: Base Civil Engineer	2
109 TAC ALFT GP FB 6323 New York ANG Sch'dy Cty Appt Schenectady, N.Y. 12301	2

U. S. AIR FORCE INSTALLATIONS SUPPLIED WITH CD V-777 KITS

<u>INSTALLATION</u>	<u>KITS</u>
152nd TAC Control Group Roslyn ANG Station Roslyn, N.Y. 11576	2
HQ 106th Aerospace Res/Rcy Gp FB 6325 NG AB Suffolk County Airport West Hampton Beach, NY 11973 Attn: Base Civil Engineer	2
HQ 105th TAC Spt Gp FB 6322 Westchester Cty Airport White Plains, N.Y. 10604 Attn: Base Engineer	2
Disaster Preparedness Officer (Res) 914th Troop Carrier Group Niagara Falls, Municipal Airport Niagara Falls, N.Y. 14306	3
TOTAL	<u>65</u>

Note:

1. The CDV-777, Fixed Monitoring Station Kit consists of the following radiological instruments:

- 1 - CDV-700 Geiger Counter (0-50 mR/hr)
- 2 - CDV-715 Survey Meter Gamma (0-500 R/hr)
- 2 - CDV-742 Dosimeter (0-200 R)
- 1 - CDV-750 Dosimeter Charger

A more detailed description of each of the types of CD instruments listed above can be found in N.Y. State Radiological Defense Advisory Manual (RDAM) No. 6-2. available from the address indicated in Note.2.

2. The above installations should arrange for the annual maintenance and calibration of the CD instruments by contacting the N.Y. State Radiological Intelligence Section, NYDMNA-ODP, Bldg. 22, State Campus, Albany, New York 12226 (phone: 518 457-3897). The date of last calibration is stamped on the outside box and the CDV-715 instrument.

FAA Facilities In N.Y. State With CD Instruments

INSTALLATION

INSTRUMENTS

FAA Airport Tower Albany County Airport Shaker Road Colonie, N.Y. 12226	1 ea. CD V-700 2 ea. CD V-715 2 ea. CD V-742 1 ea. CD V-750
FAA Airport Tower Broome County Airport Airport Road Binghamton, N.Y. 13905	1 ea. CD V-700 2 ea. CD V-715 2 ea. CD V-742 1 ea. CD V-750
Airport Traffic Control Tower Greater Buffalo Int'l Airport Buffalo, N.Y. 14225	3 ea. CD V-715 1 ea. CD V-700 3 ea. CD V-750 29 ea. CD V-740
FAA Flight Service Station P. O. Box 202 Cheektovaga, N.Y. 14225	1 ea. CD V-742 1 ea. CD V-750 1 ea. CD V-700 1 ea. CD V-715 1 ea. CD V-720
FAA APS 814 P. O. Box 202 Cheektovaga, N.Y. 14225	2 ea. CD V-715 1 ea. CD V-700 2 ea. CD V-750 28 ea. CD V-742
FAA Flight Service Station Watertown International Airport Dexter, N.Y. 13634	2 ea. CD V-700 3 ea. CD V-715 1 ea. CD V-750 5 ea. CD V-740 6 ea. CD V-742
General Aviation District Office Bldg. #53 - Republic Aviation Farmingdale, N.Y. 11735	3 ea. CD V-700 2 ea. CD V-715 2 ea. CD V-750 2 ea. CD V-742
FAA ATCT Room 606 Laguardia Airport Station Flushing, N.Y. 11371	2 ea. CD V-715 1 ea. CD V-720 1 ea. CD V-700 1 ea. CD V-750 63 ea. CD V-740 1 ea. CD V-742

FAA-Federal Aviation Administration

FAA Facilities In N.Y. State With CD Instruments

<u>INSTALLATION</u>	<u>INSTRUMENTS</u>
FAA Warren County Airport Glens Falls, N.Y. 12801	2 ea. CD V-700 1 ea. CD V-720 2 ea. CD V-750 2 ea. CD V-730 13 ea. CD V-740 3 ea. CD V-742 3 ea. CD V-715
FAA Flight Service Station Chemung County Airport Horseheads, N.Y. 14845	2 ea. CD V-715 1 ea. CD V-700 2 ea. CD V-750 7 ea. CD V-742 12 ea. CD V-740
FAA Jamaica J.F.K. Airport Jamaica, N.Y. 11430	2 ea. CD V-715 6 ea. CD V-750 58 ea. CD V-742
New York Common I PR Room Hangar #11 J.F. Kennedy Int'l Airport	2 ea. CD V-715 10 ea. CD V-750 47 ea. CD V-740
FAA AFS 826 Hangar 11 JFKennedy Int'l Airport Jamaica, N.Y. 11430	3 ea. CD V-700 1 ea. CD V-715 1 ea. CD V-750 1 ea. CD V-742
FAA Airways Facilities Sector 820 ATC Tower Building Rm 402 J.F. Kennedy Int'l Airport Jamaica, N.Y. 11430	1 ea. CD V-750 1 ea. CD V-700 2 ea. CD V-715
Air Carrier Dist. Off. #31 Port Authority Bldg. #141 J. F. K. Int'l Airport Jamaica, N.Y. 11430	4 ea. CD V-715 11 ea. CD V-750 50 ea. CD V-742
FAA Control Tower Richards Airport Massena, N.Y. 13662	2 ea. CD V-700 2 ea. CD V-715 1 ea. CD V-720 2 ea. CD V-750 12 ea. CD V-740

FAA Facilities In N.Y. State With CD Instruments

<u>INSTALLATION</u>	<u>INSTRUMENTS</u>
Niagara Falls Tower Niagara Falls Int'l Airport Niagara Falls, N.Y. 14304	1 ea. CD V-700 1 ea. CD V-715 1 ea. CD V-720 1 ea. CD V-750 11 ea. CD V-740
Utica Flight Service Station Oneida County Airport Oriskany, N.Y. 13424	2 ea. CD V-700 4 ea. CD V-715 2 ea. CD V-715 4 ea. CD V-742 11 ea. CD V-740
FAA Airport Tower Dutchess County Airport Poughkeepsie, N.Y. 12601	1 ea. CD V-700 2 ea. CD V-715 2 ea. CD V-742 1 ea. CD V-750
FAA/Dept. of Transportation Airway Facilities Sector Field Office Post Office Box 277 Rensselaer, N.Y. 13438	1 ea. CD V-700 1 ea. CD V-715 1 ea. CD V-742 1 ea. CD V-750
Chief Controller Combined Station/Tower Rochester Monroe County Airport Scottsville Road Rochester, N.Y. 14624	4 ea. CD V-715 2 ea. CD V-700 2 ea. CD V-750 34 ea. CD V-742
FAA Rochester Monroe County Airport Rochester, N.Y. 14624	1 ea. CD V-700 2 ea. CD V-715 1 ea. CD V-750 12 ea. CD V-742
FAA Griffiss RAPCON P. O. Box 1252 - AFB Branch Rome, N.Y. 13440	2 ea. CD V-700 4 ea. CD V-715 23 ea. CD V-750 2 ea. CD V-742 29 ea. CD V-740
New York Flight Service/ International Flight Service Station 5 Airway Road Islip Mac Arthur Airport Ronkonkoma, N.Y. 11779	4 ea. CD V-700 8 ea. CD V-715 10 ea. CD V-750 60 ea. CD V-740 8 ea. CD V-742

FAA Facilities In N. Y. State With CD Instruments

INSTALLATION

INSTRUMENTS

AAFS-824 4205 Johnson Avenue Ronkonkoma, N.Y. 11779	11 ea. CD V-715 1 ea. CD V-711 1 ea. CD V-720 6 ea. CD V-700 336 ea. CD V-740 121 ea. CD V-742 27 ea. CD V-750
AFSFO 820-2 5 Airways Road Islip Mac Arthur Airport Ronkonkoma, N.Y. 11779	1 ea. CD V-700 1 ea. CD V-715 2 ea. CD V-750 13 ea. CD V-740
Airport Traffic Control Tower Hancock Int'l Airport N. Syracuse, N.Y. 13212	3 ea. CD V-715 2 ea. CD V-700 3 ea. CD V-750 13 ea. CD V-740 16 ea. CD V-742
FAA New York Field Office Aeronautical Quality Assurance 101 S. Franklin Avenue Wiley Stream, N.Y. 11581	2 ea. CD V-700 3 ea. CD V-750 26 ea. CD V-742
FAA Control Tower Westchester County Airport White Plains, New York 10601	1 ea. CD V-700 1 ea. CD V-715 2 ea. CD V-742 1 ea. CD V-750

Note:

1. FAA - Federal Aviation Administration
2. A description of each of the types of CD instruments listed above can be found in N.Y. State Radiological Defense Advisory Manual (RDAM) No. 6-2.
3. FAA facilities should arrange for the annual maintenance and calibration of the CD instruments by contacting the N.Y. State Radiological Intelligence Section, NYDMIA-ODP, Bldg. 22, State Campus, Albany, N.Y. 12226 (Phone: 518 457-3897).

RADIOLOGICAL INTELLIGENCE SECTION

MONITORING STATIONS ESTABLISHED AND EQUIPPED

Type Network MOBILE (Self-Support)

BSA

3-Letter Designator

1. Station No.	2. Telephone Number	3. Type of Facility	4. Name Of Monitor	5. Address (Street and City)
BSA <u>M</u>	924-4400	EOC	T. McCarrick	Yaphank Ave. Yaphank, NY
1	N/A	Cnty. Bldg.	N/A	Browns Rd. Huntington, NY
2	N/A	TELCO	N/A	85 W 2nd St. Deer Park, NY
3	N/A	Hospital	N/A	Montauk Hwy. Copiague, NY
4	N/A	Hospital	N/A	Rt. 25 A Kings Park, NY
5	N/A	Hospital	N/A	Carlton Ave. Central Islip, NY
6	N/A	Town Hall	N/A	Main St. Islip, NY
7	N/A	SUNY	N/A	Nicholls Rd. Stony Brook, NY
8	N/A	Police	N/A	Varicho Tpke. Coram, NY
9	N/A	B N Laboratory	N/A	rd Pkwy. Upton, NY
10	N/A	School	N/A	Sch. Rd. Mastic, NY
11	N/A	Cnty. Bldg.	N/A	ave. Riverhead, NY
12	N/A	Cnty. Bldg.	N/A	Center Drive Riverhead, NY
13	N/A	Hospital	N/A	Manor Place Greenport, NY
14	N/A	Hospital	N/A	265 Herrick Rd. Southampton, NY
15	N/A	Laboratory	N/A	Plum Island, NY
16	N/A	Gun Bunker	N/A	Fishers Island, NY
17	N/A	Fire	N/A	Fire House Rd. Montauk, NY

N.Y. State
Division of Military and Naval Affairs
Office of Disaster Preparedness
Radiological Intelligence Section
Bldg. 22, State Campus
Albany, N.Y. 12226

INSTRUCTIONS FOR PREPARING FORM RAD-1M

1. This form is used for the following purposes:
 - a. As an attachment to requests for CDV-777, Radiological Defense Monitoring Kits for mobile radiological monitoring purposes. (See RDAM 13, Attachment 2).
 - b. For periodic update of Appendix 3.c. to the local Radiological Intelligence Section Annex. A current Appendix 3.c. is defined as one that is no more than 2 years old and is backed up by a current Form Rad-1E for each station. For the Rad-1E to be considered current, at least one monitor assigned to the station must have had refresher training, as described in RDAM 5-1, within the last four (4) years.
2. At the top of the form enter the name of the jurisdiction, the page number, and the jurisdiction's 3-letter designator. See RDAM 2-7, Attach.2.2, June 1975, or RDAM 4-4, Pg.A.12, July 1970, for lists of three letter designators assigned to local jurisdictions and State agencies.
3. At the bottom right of the form enter the current date of the Appendix 3.c.
4. Column 1. Each Mobile Monitoring Station established and equipped by a jurisdiction for either peacetime or wartime requirements will be assigned an identifying number. This identifying number will be preceded by the letter M and both the letter M and the number must be recorded in column 1 (see RDAM 13).
5. Column 2. This column should be used for recording the telephone number of mobile monitoring stations.
6. In Column 3, indicate whether the monitoring station is a fire station, police station, rescue squad, warning point, post office, residence, etc.
7. Column 4. Enter the name of at least one trained monitor.
8. Column 5. Enter the street address and city or village in which the monitoring station is located. If located on a rural route, indicate as "5 miles south of _____". Use the nearest village as a reference point.
9. "Stations 'Established and Equipped'" is defined as a monitoring station with the necessary trained monitors assigned, the radiological equipment in place at that location, and at least one means of communication available. See also RDAM 11-2 and RDAM 13-1.
10. The terms mobile radiological monitoring and self-support monitoring are synonymous.
11. Submit the update/ Forms in duplicate to the State Radiological Intelligence Section as indicated at the top of this instruction.

WFF/cw
2/23/76

RADIOLOGICAL INTELLIGENCE SECTION

MONITORING STATIONS ESTABLISHED AND EQUIPPED

Type Network MOBILE (Self-Support)

3-Letter Designator

1. Station No.	2. Telephone Number	3. Type of Facility	4. Name of Monitor	5. Address (Street and City)
M				

N.Y. State
Division of Military and Naval Affairs
Office of Disaster Preparedness
Radiological Intelligence Section
Bldg. 22, State Campus
Albany, N.Y. 12226

INSTRUCTIONS FOR PREPARING FORM RAD-1M

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 - a. As an attachment to requests for CDV-777, Radiological Defense Monitoring Kits for mobile radiological monitoring purposes. (See RDAM 13, Attachment 2).
 - b. For periodic update of Appendix 3.c. to the local Radiological Intelligence Section Annex. A current Appendix 3.c. is defined as one that is no more than 2 years old and is backed up by a current Form Rad-1E for each station. For the Rad-1E to be considered current, at least one monitor assigned to the station must have had refresher training, as described in RDAM 5-1, within the last four (4) years.
2. At the top of the form enter the name of the jurisdiction, the page number, and the jurisdiction's 3-letter designator. See RDAM 2-7, Attach.2.2, June 1975, or RDAM 4-4, Pg.A.12, July 1970, for lists of three letter designators assigned to local jurisdictions and State agencies.
3. At the bottom right of the form enter the current date of the Appendix 3.c.
4. Column 1. Each Mobile Monitoring Station established and equipped by a jurisdiction for either peacetime or wartime requirements will be assigned an identifying number. This identifying number will be preceded by the letter M and both the letter M and the number must be recorded in column 1. (See RDAM 13).
5. Column 2. This column should be used for recording number of mobile monitoring stations.
6. In Column 3 indicate whether the monitoring station is a fire station, police station, resusc squad, warning point, post office, residence, etc.
7. Column 4. Enter the name of at least one trained monitor.
8. Column 5. Enter the street address and city or village in which the monitoring station is located. If located on a rural route, indicate as "5 miles south of _____". Use the nearest village as a reference point.
9. "Stations Established and Equipped" is defined as a monitoring station with the necessary trained monitors assigned, the radiological equipment in place at that location, and at least one means of communication available. See also RDAM 4-2 and RDAM 13-1.
10. The terms mobile radiological monitoring and self-support monitoring are synonymous.
11. Submit the updated Forms in duplicate to the State Radiological Intelligence Section as indicated at the top of this instruction.

EMERGENCY OPERATIONS PLAN
Annex K, App.3.d.

WILLIAM E. REGAN, DIRECTOR
DEPARTMENT OF MILITARY PREPAREDNESS
COUNTY OF SUFFOLK
YAPHANK Defense Jurisdiction 11980

RADIOLOGICAL INTELLIGENCE SECTION		IDENTIFICATION OF MONITORING STATION AERIAL SURVEY BASE	
Attachment To Requests For CDV-781: See RDM 12-5, Att.4; and RDM 6-1, App. 3.			
STATION NO 1) BSA 35		DATE 2) 4/20/82	
STREET ADDRESS 3) Box 127 Yaphank Avenue		CITY COUNTY STATE AND ZIP CODE 4) Yaphank, Suffolk, N. Y. 11980	
TYPE INSTALLATION (Police, Fire, etc.) 5)a. EOC b. Aerial Survey Base c. UTM: XA 7522			
PROTECTION FACTOR 6) 1000+	METHOD OF DETERMINATION 7) NFSS	DETERMINED BY 8) BUDKS	
TYPE OF COMMUNICATIONS 9) Tel.No. [REDACTED]	REPORTS YES 10) EOC - DOS	AT Yel: [REDACTED] 11) UTM: HBB018	
12) ROSTER OF TRAINED MONITORS - FIXED STATION			
NAME	STREET ADDRESS	CITY, STATE AND ZIP CODE	
a. Cpt. Gene Pfeiffer	[REDACTED]	[REDACTED]	
b. Cpt Edgar Cote	[REDACTED]	[REDACTED]	
c. Lt. Edward Reiter	[REDACTED]	[REDACTED]	
d. Lt. Arthur Sperling	[REDACTED]	[REDACTED]	
13) ROSTER OF TRAINED MONITORS - AERIAL SURVEY			
NAME	STREET ADDRESS	CITY, STATE AND ZIP CODE	
a. Ltc. John Marek	[REDACTED]	[REDACTED]	
b. Maj Mike Cardarelli	[REDACTED]	[REDACTED]	
c. Maj. Paul Vogel	[REDACTED]	[REDACTED]	
d. Lt. Edward Blasko	[REDACTED]	[REDACTED]	
e.			
f.			

Note: Monitors named in items 13 must not be the same as those in item 12.

14. If item 5.a. above is not an airport, indicate:
a. Name of airport that will be used by aerial monitors Islip-MacArthur
b. Location of airport Islip, NY b.l. Phone# [REDACTED]
c. Distance between airport & fixed station 10 miles
15. Regarding item 13. above
a. Place an asterisk to the left of the name of each monitor who is also a pilot (at least 2 pilots required)
b. Indicate by number such as 13.a., 13.b., etc., the monitors who have completed aerial survey training: 12-A-B-C 13-A-B-C
16. Type aircraft available at base Cessna 172 Reg#213 NY
17. Storage location of CDV-781 at base EOC Storeroom

Signed WILLIAM E. REGAN, DIRECTOR
(C.D) Director of Agency Preparedness
COUNTY OF SUFFOLK
YAPHANK AVE., YAPHANK, N.Y. 11980

N.Y. State
Division of Military and Naval Affairs
Radiological Intelligence Section
Bldg. 22, State Campus
Albany, N.Y. 12226

RDAM 12-5
Att. 5, Pg. 2

Uses and Instructions For Completing Form Rad-LJ

Form Rad-LJ is for use in taking the following actions in connection with the aerial radiological survey program:

1. For requesting initial issue of CDV-781 Aerial Survey Meter as described in RDAM 12-5, Attachment 4.
2. For annually updating Appendix 3.d. of local Radiological Annexes in accordance with schedules published in RDAM 6-1, Appendix 3.

To the extent possible, the mobilization and assembly point for aerial radiological monitors should be the county EOC (See RDAM 12-4, Chapt. II.D.).

Instructions For Completing Form Rad-LJ

1. In item 1, enter the three letter designator and FMS number of the County EOC if the County EOC has been designated as the mobilization and assembly point for the aerial monitors. See Appendix 3.d. of the local radiological annex for the EOC station number. If no County EOC is identified in item 1 must also be a fixed monitoring station. County EOC's are also FMS's. If the County EOC is not selected, then give the FMS number of the airport if the airport has been established as an FMS.
If a protected location does not exist at the airport and it cannot be established as an FMS, then a fixed monitoring station no more than 2 or 3 miles from the airport should be used as the assembly point and that FMS number entered in item 1.
2. In items 3 thru 9, enter the information as it pertains to the location shown in item 1.
3. In items 10 and 11, enter the name and telephone number of the station to which the location in item 1 is scheduled to report. If item 1 is the county EOC then it is scheduled to report to the District EOC.
4. In items 12 and 13, list the names and addresses of the fixed station and Aerial Survey Team monitors respectively. Monitors named in item 12 must not be the same as those shown in item 13.
5. In item 14.b.1, the phone number(s) supplied should be the one(s) most likely, in your judgment, to be used by an Aerial Survey team and CAP personnel to transmit aerial radiological survey reports and information in an actual emergency situation.
6. For items 15-17, supply all pertinent information as requested.
7. Coordinate with your local Civil Air Patrol (CAP) unit when updating Form Rad-LJ to assure proper assignment and adequate training of at least 6 aerial radiological monitors. Training is described in RDAM 5-1 and 12-4.
8. Distribute copies of the completed Appendix 3.d. to State RADEF (2 copies), 8 to the local Radiological Officer, the local Radiological Annex and individuals named on the Form.

SHELTER FACILITIES WITH MONITORS AND INSTRUMENTS

BSA

3-Letter Designator

1 Standard Location & Facility No.	2 Name/Type Shelter	3 Quantity Kits CDV-777-1	4 Shelter Monitor #	5 Address (Street and City)
BSA	EOC		T. McCarrick	Yaphank Ave., Yaphank, NY
1	Cnty. Bldg.		N/A	Browns Rd., Huntington, NY
2	TELCO		N/A	85 W 2nd St. Deer Park, NY
3	Hospital		N/A	Montauk Hwy Copiague, NY
4	Hospital		N/A	ings Park, NY
5	Hospital		N/A	ve. Cent. Islip, NY
6	Town Hall		N/A	Main St., Islip, NY
7	SUNY		N/A	Nicholls Rd. Stony Brook, NY
8	Police		N/A	Jericho Tpke. Coram, NY
9	B N Laboratory		N/A	Floyd Pkwy. Upton, NY
10	School		N/A	stic Bch. Rd. Mastic, NY
11	Cnty. Bldg.		N/A	Griffing Ave. Riverhead, NY
12	Cnty. Bldg.		N/A	Center Drive Riverhead, NY
13	Hospital		N/A	Manor Place Greenport, NY
14	Hospital		N/A	265 Herrick Rd. Southampton, NY
15	Laboratory		N/A	Plum Island, NY
16	Guzz Bunker		N/A	Fishers Island, NY
17	Fire		N/A	Fire House Rd. Montauk, NY

RAD 1-8

Rev. Nov. 1977

(Follow Instructions On Reverse Side)

9/9/80

DATE

New York State
Division of Military and Naval Affairs
Office of Disaster Preparedness
Radiological Intelligence Section
Building 22, State Campus
Albany, New York 12226

INSTRUCTIONS FOR COMPLETING FORM RAD-1S

HEADING - Enter Civil Defense Jurisdiction name, page no., and 3-Letter Designator of Jurisdiction.

COLUMNS:

1. Standard Location/Facility No. - Information is found in either of two places (a) National Fallout Shelter Survey (NFSS) computer printout (SL and FACIL columns) or (b) green form DGSC 2079, Request For Shelter Kit, given to each jurisdiction for each shelter at the time of stocking.

Standard Location: Eight digit number beginning with 16.....

Facility No.: Five digit number.

2. Name/Type Shelter - See "NAME" column on NFSS printout or DGSC 2079. Examples: School, Hospital, Apt., etc.
3. Quantity Kits - Enter quantity of shelter kits (CDV-777-1) located in-place in the shelter.
4. Shelter Monitor - Enter the name of the Shelter Monitor if known. In accordance with DCPA policy shelter monitors are to be assigned and trained during the Crisis Augmentation Phase.
5. Shelter Address - Enter shelter address.

BOTTOM - Enter date of completion of the page.

SHELTER FACILITIES WITH MONITORS AND INSTRUMENTS

3-Letter Designator

1. Standard Location & Facility No.	2. Name/Type Shelter	3. Quantity Kits CDV-777-1	4. Shelter Monitor *	5. Address (Street and City)

C. GENERAL SITUATION BRIEFING

1. EOC
 - a. Inside and outside dose rate
 - b. Accumulated dose of EOC personnel
 - c. Exposure control measures and requirements
 - d. Contamination control and decontamination procedures
 - e. Condition of RADEF instruments. Number and type available.
 - f. Number of RADEF personnel on duty per shift.
2. Dose Rate Situation Throughout Jurisdiction**
 - a. Location of selected dose rate contours
 - b. Fallout decay characteristics
3. Total Dose Situation Throughout Jurisdiction**
 - a. Location of unsheltered isodose contours (3000 r, 1000 r, 100 r)
 - b. Location of current and estimated D+4 75 R sheltered dose contours:
(1) with P.F. 40, (2) with P.F. 10
 - c. Implications of current exposure situation and countermeasures indicated
4. RADEF Advisories previously or currently released to public and CD personnel in jurisdiction, via EBS and other media
5. Status of RADEF Capability in Subordinate Jurisdiction
 - a. Number of FMS's (or %) in operation and their location
 - b. Number of jurisdictions without RADEF control center staff capability
 - c. Aerial survey teams capable of undertaking missions
 - d. Instrument and battery status and requirements.
6. Weather and effect of weather on fallout situation
7. Aerial Survey Missions
 - a. Planned (what, when, where, how)
 - b. Completed (what, when, where, how)
8. Mobile Survey Missions
 - a. Planned (what, when, where, how)
 - b. Completed (what, when, where, how)
9. Effects of Radiation On
 - a. People and animals (lethal and sickness doses, etc.)
 - b. Agriculture, food, and water resources
 - c. Travel
10. Decontamination, Crisis Relocation, and Evacuation
 - a. Operations undertaken (where, area covered, how)
 - b. Operations completed (where, area covered, how)
 - c. Additional requirements (when, where)
 - (1) land
 - (2) buildings
 - (3) machinery and equipment
 - (4) transportation (trucks, rail equipment, etc.)
 - (5) food and water
 - d. Supplies, equipment and personnel needed beyond existing capability

OUTLINE FOR RADEF BRIEFING OR SITUATION REPORT

The following outline is for use by the Radiological Section shift supervisor as a guide for the conduct of periodic staff briefings or the preparation of situation reports (SITREPS). Items will be deleted or added as required. Subjects marked ** may be better explained by use of visual presentations or the situation map. Form Rad-4C may be used for assembling information.

A. PREEMERGENCY BRIEFING

1. Status of EOC

- a. RADEF Staff and CAP Support Personnel (See Appendix I.A.)
- b. EOC Monitoring and detection capability.
- c. EOC Decontamination plan.

2. Status of RADEF capability in jurisdiction (See Form DEMA Rad-17D)

- a. Fixed monitor stations, aerial survey teams, mobile teams.
- b. Shelter Facilities manned for radiological monitoring.
- c. Dosimeter stockpile distribution.

3. Analysis of Risk / Threat and Weather

- a. Current plot of DF data and other weather reports.
- b. Target areas of concern.

4. Recommended actions: RADEF and other staff sections

- a. Countermeasures: Shelter planning, improvised shelter, crisis relocation.
- b. Food and resources
 - (1) Farmers get animal stocks unc
 - (2) Stockpile of animal feed and water.
- c. Check inventory of decontamination equipment and supplies

B. IMMEDIATE POSTATTACK BRIEFING

1. Attack pattern producing Radiological contamination**

- a. Estimated time of arrival of fallout.
- b. Estimated time of peak of fallout.
- c. Any actual reported fallout.

2. Status of EOC

- a. Present outside and inside dose rate, and estimated/measured total doses.
- b. Damage
- c. Contamination control procedures in effect at this time.

3. Radiological situation in jurisdiction**

- a. Dose rate in areas of concern
- b. Fixed monitor stations in operation (possible critical areas)
- c. Areas requiring specialized survey (mobile, aerial)

4. Recommended actions for other staff sections

- a. No movement or operations until further notice
- b. Use only prestocked water and food until further notice
- c. Disseminate advisories to public on situation

C. GENERAL SITUATION BRIEFING

1. EOC
 - a. Inside and outside dose rate
 - b. Accumulated dose of EOC personnel
 - c. Exposure control measures and requirements
 - d. Contamination control and decontamination procedures
 - e. Conditions of RADEF instruments. Number and type available.
 - f. Number of RADEF personnel on duty per shift.
2. Dose Rate Situation Throughout Jurisdiction**
 - a. Location of selected dose rate contours
 - b. Fallout decay characteristics
3. Total Dose Situation Throughout Jurisdiction**
 - a. Location of unsheltered isodose contours (3000 r, 1000 r, 100 r)
 - b. Location of current and estimated D+4 75 R sheltered dose contours:
(1) with P.F. 40, (2) with P.F. 10
 - c. Implications of current exposure situation and countermeasures indicated
4. RADEF Advisories previously or currently released to public and CD personnel in jurisdiction, via EBS and other media
5. Status of RADEF Capability in Subordinate Jurisdiction
 - a. Number of PMS's (or %) in operation and their location
 - b. Number of jurisdictions without RADEF control center staff capability
 - c. Aerial survey teams capable of undertaking missions
 - d. Instrument and battery status and requirements.
6. Weather and effect of weather on fallout situation
7. Aerial Survey Missions
 - a. Planned (what, when, where, how)
 - b. Completed (what, when, where, how)
8. Mobile Survey Missions
 - a. Planned (what, when, where, how)
 - b. Completed (what, when, where, how)
9. Effects of Radiation On
 - a. People and animals (lethal and sickness doses, etc.)
 - b. Agriculture, food, and water resources
 - c. Travel
10. Decontamination, Crisis Relocation, and Evacuation
 - a. Operations undertaken (where, area covered, how)
 - b. Operations completed (where, area covered, how)
 - c. Additional requirements (when, where)
 - (1) land
 - (2) buildings
 - (3) machinery and equipment
 - (4) transportation (trucks, rail equipment, etc.)
 - (5) food and water
 - d. Supplies, equipment and personnel needed beyond existing capability

CD EMERGENCY
S.O.P. FOR FIXED MONITORING STATIONS

I. EMERGENCY DUTIES OF FIXED MONITORING STATIONS

A. General

In order to plan and to advise on emergency, survival, and recovery measures, all Civil Defense organizations need information with respect to the unsheltered gamma radiation dose rate and total dose experienced throughout the Civil Defense jurisdiction. The function of fixed monitoring stations is to provide this information.

At the first warning of attack by siren, radio or other pre-arranged system, the monitors should report to their stations immediately. The following procedure should then be followed:

1. Place fresh batteries in the survey instruments and check instruments for operability. (See RDAM 6-2.)
2. Notify the control center of the station's operational status.
3. Turn on radiation survey instruments and observe periodically.
4. Charge dosimeters. Position one dosimeter at a pre-designated location in the fixed monitoring station for use in connection with determining the accumulated-unsheltered dose. The second fixed station dosimeter should be worn by the monitor both inside and outside the shelter. With this he can measure his whole body exposure. These readings should be recorded daily on his personal exposure record.
5. Check water, food, and other emergency supplies.
6. Monitor the radio (preferably a portable transistor model) for general attack information.
7. Begin outside surface monitoring to determine the time of fallout arrival.
8. Determine the FMS protection factor.
9. Take unsheltered radiation dose rate and total dose readings in accordance with schedule in Section II.
10. Maintain a log of radiation measurements for reporting purposes. Report as scheduled in Section II using Form NYSCDC Rad-2.

B. Unsheltered Dose Rate Measurements

Radiation dose rate readings physically taken outside the fixed station shelter, while fallout is depositing, should be taken as rapidly as possible and the monitor should wear some outer protective garment which can be removed upon return to the shelter.

While fallout monitoring stations report unsheltered dose and dose rate readings, this does not mean that all such readings are taken outside the fixed monitoring station. After dose rates outside the fixed monitoring station reach 100 r/hr or more, the monitor takes all subsequent readings inside the shelter. These inside radiation dose and dose rate readings are multiplied by the fixed monitoring station's protection factor (P.F.) to obtain the outside, or unsheltered, readings.

If for some reason the monitor is unable to determine the P.F. by measurement, he will use the P.F. as previously determined by the New York State Shelter Counseling Service, or by the Federal Shelter Survey.

The procedure for determining and recording the unsheltered dose rate is as follows:

1. Take an inside reading, at the scheduled time, at inside location for which the P.F. was determined.
2. Multiply the inside r/hr reading by the P.F. value to obtain the outside or unsheltered dose rate (P.F. \times sheltered reading = unsheltered reading).
3. Record the unsheltered dose rate reading on Form NYSCDC Rad-2, and report to the control center.
4. After the unsheltered dose rate has decreased to 25 r/hr, take all dose rate measurements outside.

The monitor will take readings outside the fixed monitoring station, at intervals, as scheduled in Section II, or more frequently if requested. It is recommended, however, that dose rate readings more frequently than once an hour for the first 12 hours after fallout arrival, for that the monitor be observed every 15 minutes and a record kept of the readings and the time (24-hour clock, local) at which the readings were observed. Reports will continue to be made to the control center based on dose rate readings hourly on the hour for the first 12 hours; the additional readings on file at the fixed monitoring stations will be reported only if requested.

C. Unsheltered Dose Measurements

Fixed monitoring stations report unsheltered dose readings as of 1000EST and 2200EST daily. The procedure for obtaining these readings is as follows:

1. Zero dosimeter (CD V-730, 740 or 742).
2. Select an inside location where the dose rate is approximately one-tenth to one-twentieth of the unsheltered dose rate and position the dosimeter at this location.
3. Determine the protection factor for this location.
4. Read the dosimeter daily at 1000EST and 2200EST, and more often if necessary. Care should be taken in estimating frequency at which dosimeter should be read to assure that dosimeter will not go "off-scale" between scheduled readings.
5. Record the total sheltered dose value (roentgens) after taking each reading; rezero the dosimeter, if necessary, and reposition it.
6. Multiply the sheltered dose reading obtained in (5) above by the fixed monitoring station protection factor to obtain the unsheltered dose value.
7. Shortly after 1000EST and 2200EST, report the total unsheltered dose to the control center or other designated data collection center.

It should be noted that the unsheltered dose reported to the control center must be that which has been measured from the time of fallout arrival to the end of the reporting period. For example, assume that the total unsheltered dose as of 1000EST on 21 September is measured and reported as 400 r from a fixed station with a P.F. of 100. The dosimeter is immediately recharged (zeroed), and repositioned. At 2200EST on 21 September the dosimeter is again read and found to indicate 1.4 r which when multiplied by the fixed station P.F. gives an unsheltered dose reading of 140 r. The total unsheltered dose as of 2200EST on 21 September is therefore reported to the control center as 540 r.

II. REPORTING RADIOLOGICAL FALLOUT

A. "No Fallout" Reports

During the period between warning of attack and fallout arrival when the outside radiation dose rate is less than .5 r/hr, the fixed monitoring station should report "NO FALLOUT" every 12 hours (at 1000EST and 2200EST) until the dose rate reading reaches .5 r/hr. See schedule shown on Form NYSCDC Rad-2.

A sample report during this period might be as follows:

IBAG 062200EST NO FALLOUT

where:

IBAG—indicates station designator
(substitute your station designator)

06—indicates date (6th day of month)

2200EST—indicates time of reading

NO FALLOUT—indicates dose rate less than .5 r/hr.

B. Flash Reports

Civil Defense control centers need to know the time of arrival of significant fallout throughout the local Civil Defense jurisdiction. Flash reports provide the control center with this information.

When the outside radiation intensity reaches .5 r/hr, a flash report should be relayed immediately to the local control center. "FALLOUT" is the code word used in the flash report to indicate that the monitored dose rate has reached or exceeded .5 r/hr.

A sample flash report would be as follows:

IBAG 062330EST FALLOUT

After the flash report the monitoring station will report actual dose rate readings according to the schedule in paragraphs C through H which follow.

C. Dose Rate Reports—1st hour through 24th hour after fallout arrival

Following the flash report, the monitoring station should measure the outside dose rate every hour on the hour for the next 24 hours. These readings should be logged and reported to the control center by 20 minutes after each hour.

A sample dose rate report is as follows:

IBAG 062400EST 20 R/HR

In order to facilitate communications, the local control center may wish to stagger reporting from the local

fixed monitoring stations within this period of time. However, all reports should be at the control center by 20 minutes past the hour of measurement in order that reports to the next higher echelon can be made according to schedule.

D. Dose Rate Reports—25th hour through 48th hour after fallout arrival

From the 25th through the 48th hour after fallout arrival, outside dose rates should be measured and reported every 3 hours according to the schedule shown on Form NYSCDC Rad-2. Again, control centers should schedule the fixed monitoring station reports so as to receive all necessary reports by 20 minutes after the hour of each measurement.

E. Dose Rate Reports—49th hour through 72nd hour after fallout arrival

From the 49th hour through the 72nd hour after fallout arrival, outside dose rates should be measured and reported every 6 hours according to the schedule shown on Form NYSCDC Rad-2. Control centers should schedule the fixed monitoring station reports so as to receive all necessary reports by 20 minutes after the hour of each measurement.

F. Dose Rate Reports—after the 72nd hour after fallout arrival

After the 72nd hour following fallout arrival, outside dose rates should be measured and reported twice daily according to the schedule shown on Form NYSCDC Rad-2. (Reports may be scheduled at more frequent intervals if required.) Fixed monitoring stations will transmit dose rate reports as scheduled until directed otherwise by the local Civil Defense Director. FMS reports should be received at the local control center by 20 minutes past the hour of measurement.

G. Total Unsheltered Dose Reports

The accumulated unsheltered dose, as measured with a dosimeter, must be reported to the control center as of 1000EST and 2200EST daily after fallout arrival. The information should be reported as soon after 1000EST and 2200EST as feasible.

These reports should be made each day for at least 6 days after the last detonation affecting the area, and should indicate the total outside unsheltered radiation dose as measured by a dosimeter from the first arrival of fallout to 1000EST and 2200EST on the reporting day.

H. Special Dose Rate Reports—when dose rate increases after a period of decay

If the dose rate suddenly increases at any time following a period of decay, or decreasing dose rates, a special dose rate report should be made to the control center promptly. A new series of measurements, using a new copy of Form NYSCDC Rad-2, should be initiated following the schedule outlined in paragraphs C through G above.

CD EMERGENCY
S.O.P. FOR FIXED MONITORING STATIONS

Page 1

I. EMERGENCY DUTIES OF FIXED MONITORING STATIONS

A. General

In order to plan and to advise on emergency, survival, and recovery measures, all Civil Defense organizations need information with respect to the unsheltered gamma radiation dose rate and total dose experienced throughout the Civil Defense jurisdiction. The function of fixed monitoring stations is to provide this information.

At the first warning of attack by siren, radio or other pre-arranged system, the monitors should report to their stations immediately. The following procedure should then be followed:

1. Place fresh batteries in the survey instruments and check instruments for operability. (See RDAM 6-2.)
2. Notify the control center of the station's operational status.
3. Turn on radiation survey instruments and observe periodically.
4. Charge dosimeters. Position one dosimeter at a pre-designated location in the fixed monitoring station for use in connection with determining the accumulated-unsheltered dose. The second fixed station dosimeter should be worn by the monitor both inside and outside the shelter. With this he can measure his whole body exposure. These readings should be recorded daily on his personal exposure record.
5. Check water, food, and other emergency supplies.
6. Monitor the radio (preferably a portable transistor model) for general attack information.
7. Begin outside surface monitoring to determine the time of fallout arrival.
8. Determine the FMS protection factor.
9. Take unsheltered radiation dose rate and total dose readings in accordance with schedule in Section II.
10. Maintain a log of radiation measurements for reporting purposes. Report as scheduled in Section II using Form NYSCDC Rad-2.

B. Unsheltered Dose Rate Measurements

Radiation dose rate readings physically taken outside the fixed station shelter, while fallout is depositing, should be taken as rapidly as possible and the monitor should wear some outer protective garment which can be removed upon return to the shelter.

While fallout monitoring stations report unsheltered dose and dose rate readings, this does not mean that all such readings are taken outside the fixed monitoring station. After dose rates outside the fixed monitoring station reach 100 r/hr or more, the monitor takes all subsequent readings inside the shelter. These inside radiation dose and dose rate readings are multiplied by the fixed monitoring station's protection factor (P.F.) to obtain the outside, or unsheltered, readings.

If for some reason the monitor is unable to determine the P.F. by measurement, he will use the P.F. as previously determined by the New York State Shelter Counseling Service, or by the Federal Shelter Survey.

The procedure for determining and recording the unsheltered dose rate is as follows:

1. Take an inside reading, at the scheduled time, at inside location for which the P.F. was determined.
2. Multiply the inside r/hr reading by the P.F. value to obtain the outside or unsheltered dose rate (P.F. \times sheltered reading = unsheltered reading).
3. Record the unsheltered dose rate reading on Form NYSCDC Rad-2, and report to the control center.
4. After the unsheltered dose rate has decreased to 25 r/hr, take all dose rate measurements outside.

The monitor will take readings outside the fixed monitoring station at the times scheduled in Section II, or more frequently if recommended, however. Record dose rate readings more frequently on the hour for the first 12 hours, and then to 4 hours after fallout arrival, for example, it is suggested that the meter be observed every 10 minutes and a record kept of the readings and the time (24-hour clock, local) at which the readings were observed. Reports will continue to be made to the control center based on dose rate readings hourly on the hour for the first 12 hours; the additional readings on file at the fixed monitoring stations will be reported only if requested.

C. Unsheltered Dose Measurements

Fixed monitoring stations report unsheltered dose readings as of 1000EST and 2200EST daily. The procedure for obtaining these readings is as follows:

1. Zero dosimeter (CD V-730, 740 or 742).
2. Select an inside location where the dose rate is approximately one-tenth to one-twentieth of the unsheltered dose rate and position the dosimeter at this location.
3. Determine the protection factor for this location.
4. Read the dosimeter daily at 1000EST and 2200EST, and more often if necessary. Care should be taken in estimating frequency at which dosimeter should be read to assure that dosimeter will not go "off-scale" between scheduled readings.
5. Record the total sheltered dose value (roentgens) after taking each reading; rezero the dosimeter, if necessary, and reposition it.
6. Multiply the sheltered dose reading obtained in (5) above by the fixed monitoring station protection factor to obtain the unsheltered dose value.
7. Shortly after 1000EST and 2200EST, report the total unsheltered dose to the control center or other designated data collection center.

EMERGENCY OPERATIONS PLAN
Annex K, App. 2.d.

It should be noted that the unsheltered dose reported to the control center must be that which has been measured from the time of fallout arrival to the end of the reporting period. For example, assume that the total unsheltered dose as of 1000EST on 21 September is measured and reported as 400 r from a fixed station with a P.F. of 100. The dosimeter is immediately recharged (zeroed), and repositioned. At 2200EST on 21 September the dosimeter is again read and found to indicate 1.4 r which when multiplied by the fixed station P.F. gives an unsheltered dose reading of 140 r. The total unsheltered dose as of 2200EST on 21 September is therefore reported to the control center as 540 r.

II. REPORTING RADIOLOGICAL FALLOUT

A. "No Fallout" Reports

During the period between warning of attack and fallout arrival when the outside radiation dose rate is less than .5 r/hr, the fixed monitoring station should report "NO FALLOUT" every 12 hours (at 1000EST and 2200EST) until the dose rate reading reaches .5 r/hr. See schedule shown on Form NYSCDC Rad-2.

A sample report during this period might be as follows:

IBAG 062200EST NO FALLOUT

where:

IBAG—indicates station designator
(substitute your station designator)

06—indicates date (6th day of month)

2200EST—indicates time of reading

NO FALLOUT—indicates dose rate less than .5 r/hr.

B. Flash Reports

Civil Defense control centers need to know the time of arrival of significant fallout throughout the local Civil Defense jurisdiction. Flash reports provide the control center with this information.

When the outside radiation intensity reaches .5 r/hr, a flash report should be relayed immediately to the local control center. "FALLOUT" is the code word used in the flash report to indicate that the monitored dose rate has reached or exceeded .5 r/hr.

A sample flash report would be as follows:

IBAG 062330EST FALLOUT

After the flash report the monitoring station will report actual dose rate readings according to the schedule in paragraphs C through H which follow.

C. Dose Rate Reports—1st hour through 24th hour after fallout arrival

Following the flash report, the monitoring station should measure the outside dose rate every hour on the hour for the next 24 hours. These readings should be logged and reported to the control center by 20 minutes after each hour.

A sample dose rate report is as follows:

IBAG 062400EST 20 R/HR

In order to facilitate communications, the local control center may wish to stagger reporting from the local

fixed monitoring stations within this period of time. However, all reports should be at the control center by 20 minutes past the hour of measurement in order that reports to the next higher echelon can be made according to schedule.

D. Dose Rate Reports—25th hour through 48th hour after fallout arrival

From the 25th through the 48th hour after fallout arrival, outside dose rates should be measured and reported every 3 hours according to the schedule shown on Form NYSCDC Rad-2. Again, control centers should schedule the fixed monitoring station reports so as to receive all necessary reports by 20 minutes after the hour of each measurement.

E. Dose Rate Reports—49th hour through 72nd hour after fallout arrival

From the 49th hour through the 72nd hour after fallout arrival, outside dose rates should be measured and reported every 6 hours according to the schedule shown on Form NYSCDC Rad-2. Control centers should schedule the fixed monitoring station reports so as to receive all necessary reports by 20 minutes after the hour of each measurement.

F. Dose Rate Reports—after the 72nd hour after fallout arrival

After the 72nd hour following fallout arrival, outside dose rates should be measured and reported twice daily according to the schedule shown on Form NYSCDC Rad-2. (Reports may be scheduled at more frequent intervals if required.) Fixed monitoring stations will transmit dose rate reports as scheduled until directed otherwise by the local Civil Defense Director. FMS reports should be received at the local control center by 20 minutes past the hour of measurement.

G. Total Unsheltered Dose Reports

The accumulated unsheltered dose, as measured with a dosimeter, must be reported to the control center as of 1000EST and 2200EST daily after fallout arrival. The information should be reported as soon after 1000EST and 2200EST as feasible.

These reports should be made each day for at least 6 days after the last detonation affecting the area, and should indicate the total outside unsheltered radiation dose as measured by a dosimeter from the first arrival of fallout to 1000EST and 2200EST on the reporting day.

H. Special Dose Rate Reports—when dose rate increases after a period of decay

If the dose rate suddenly increases at any time following a period of decay, or decreasing dose rates, a special dose rate report should be made to the control center promptly. A new series of measurements, using a new copy of Form NYSCDC Rad-2, should be initiated following the schedule outlined in paragraphs C through G above.

EMERGENCY OPERATIONS PLAN
Annex K, App. 2.d.(1)

DEPARTMENT OF EMERGENCY PREPAREDNESS
COUNTY OF SUFFOLK
YAPHANK AVE., YAPHANK, N.Y. 11980

Civil Defense Jurisdiction
Page ____ of ____ Pages

LOCAL FMS FALLOUT REPORTING AND COMMUNICATIONS PLAN

(To be developed to meet the specific requirements of the local jurisdiction and to show flow of information by block diagrams etc).

NOT APPLICABLE

9/22/80

Date

IDENTIFICATION OF MONITORING STATION - WERS/KFMS
WEAPON EFFECTS REPORTING STATION/KEY FIXED MONITORING STATION

RADIOLOGICAL INTELLIGENCE SECTION

This Form is submitted as (check one): Backup For Instrument Request: Update:

A. ABBREVIATED COMMUNICATIONS PLAN (See Also RDAM 11-2):

1. Weapon Effects Reporting Station (WERS/KFMS) Information:
 - a. Number and 3 Letter Designator: - - - - -
 - b. UTM: - - - - -
 - c. Grid Square Covered: - - - - -
 - d. Telephone Number: - - - - - A.C. _____ No: _____
 - e. Radio Frequency: - - - - -
 - f. WERS Name: - - - - -
 - g. Street Address and City: - - - - -
 - h. Crisis Relocation Site: - - - - -
 - i. Theoretical PF = - - - - -
 - j. Calculated PF = $\frac{\text{Outside R/hr}}{\text{Inside R/hr}}$ = _____
2. Report to Local Emergency Operations Center (EOC):
 - a. Number and 3 Letter Designator: - - - - -
 - b. Name and Address: _____
 - c. Telephone Number: - - - - - A.C. _____ No: _____
 - d. Radio Frequency: - - - - -
3. Alternate Emergency Operations Center (EOC) Information:
 - a. Number and 3 Letter Designator: - - - - -
 - b. Name and Address: _____
 - c. Telephone Number: - - - - - A.C. _____ No: _____
 - d. Radio Frequency: - - - - -
4. Local Emergency Broadcast Station Information:
 - a. Call Letters: _____ b. Frequency: _____

B. ROSTER OF ASSIGNED MONITORS AND TRAINING INFORMATION:

1. MONITORS

NAME	STREET ADDRESS	CITY AND ZIP CODE
a.		
b.		
c.		
d.		

2. TRAINING

16HR RM COURSE DATE	EXERCISE OR REFRESHER DATE
a.	
b.	
c.	
d.	

(For Instructions See Reverse)

Form RAD-1H, REVISED: December 1978

Signed: _____

CD Director or Agency Head

RADIOLOGICAL

IDENTIFICATION OF
MOBILE/SELF-PROTECTION MONITORING UNIT

This Form is submitted as (check one): Backup For Instrument Request ; Update

STATION NO. 1) M		DATE 2)	
STREET ADDRESS 3)		CITY COUNTY STATE AND ZIP CODE 4)	
TYPE INSTALLATION (Police, Fire, etc.) 5)	PROTECTION FACTOR 6)	COMMUNICATIONS, TYPE: 7)	PHONE 8)
LOCAL EOC: 9)		STREET ADDRESS, CITY	
EOC PHONE NUMBER 10)	EOC RADIO FREQUENCY (Mhz) 11)		
12) ROSTER OF TRAINED MONITORS			
NAME		STREET ADDRESS	
		CITY STATE AND ZIP CODE	
a.			
b.			
c.			
d.			
e.			
f.			

- 13) Justification: The installation described above is required in connection with mobile/self - protection monitoring operations.
- 14) Monitor Training (dates monitors named in item 12 received basic and refresher training in Radiological Monitoring Techniques). (See also RDAM 5-1).

	DATE OF MONITOR TRAINING		LOCATION
	a.	b.	
16 Hr RM Training or Mobile RM Course			
2 - 4 Hr. Refresher Exercise			

- 15) This mobile radiological survey unit is co-located with FMS Number _____ which is identified on Form RAD-1F, Appendix 3.b., dated _____, of this jurisdiction's Radiological Intelligence Section Annex.
- 16) Sheltered Locations: During attack and immediate postattack period and if Item #6 has a PF less than 40, mobile monitoring personnel will be sheltered at:
 a. Shelter Area: Address _____
 b. Telephone No. _____ c. PF: _____

Signed: _____
CD Director or Agency Head

Note: Submit to State Radiological Intelligence Section in duplicate (See also RDAM 13, RDAM 13-1, Form RAD-1D, and Form RAD-1M). Update biennially.

Instructions For Preparing N.Y. State Form RAD-1E

1. Form RAD-1E will be prepared by the local jurisdiction for each location that will serve as a mobile self-protection monitoring unit and will submit the Form in duplicate to State RADEF: when requesting CDV-777 radiological monitoring kits (See RDAM 13, Attach. 1); when making a periodic update; or for otherwise identifying a mobile monitoring unit.
2. Local jurisdictions need not complete item number 6 of the Form when requesting mobile monitoring kits. Completion of this item is optional with the local jurisdiction unless advised to the contrary.
3. At the top of the Form, indicate whether the Form is prepared for either:
 - a. Back-up support initial request for instruments, or
 - b. Periodic update of data pertaining to existing mobile monitoring units.If the Form is being submitted to identify a mobile monitoring unit now being established but for which instruments are not needed because there are instruments already in the jurisdiction, indicate in item 13 of the Form the following:

"CDV-777 KIT FOR THIS FACILITY IS ALREADY AVAILABLE LOCALLY".
4. Item 1. Station No: Each Mobile monitoring station or unit established and equipped by a jurisdiction for either peacetime or wartime requirements will be assigned an identifying number. This identifying number will be preceded by the letter M and both the letter M and the number must be recorded in item 1, (See RDAM 13) followed by the jurisdiction's 3-letter designator. See RDAM 2-7, Attach. 2.2, or RDAM 4-4, Pg. A.12, July 1970, for lists of three letter designators assigned to local jurisdictions and State agencies. Thus mobile monitoring station number 1 in Albany County for example would be identified as "M1BJA".
5. In Item 3, enter the street address and city or village in which the monitoring station is located. If located on a rural route, indicate as "5 miles south of _____". Use the nearest village as a reference point.
6. Item 5: Enter the type of facility followed by its full name.
7. Item 12 (Roster of Trained Monitors): The name of only one trained monitor is required. A description of mobile monitor training is contained in RDAM 5-1, Chapt. III.D and III.F
8. Item 14: At least one monitor must have had a radiological monitor refresher course or exercise within the last two (2) years for the RAD-1E Form and the monitoring unit to be considered current.
9. Item 15: Answer only if an FMS exists at the same location as the mobile monitoring unit.
10. Item 16: If undetermined, so indicate in 16.a.

RADIOLOGICAL IDENTIFICATION OF MOBILE/SELF-PROTECTION MONITORING UNIT

This Form is submitted as (check one): Backup For Instrument Request ; Update

1) M DATE 2)

3) STREET ADDRESS CITY COUNTY STATE AND ZIP CODE

5) TYPE INSTALLATION (Police, Fire, etc.) PROTECTION FACTOR 6) COMMUNICATIONS, TYPE: PHONE 8)

9) LOCAL EOC: STREET ADDRESS, CITY

10) EOC PHONE NUMBER 11) EOC RADIO FREQUENCY (Mhz)

12) ROSTER OF TRAINED MONITORS

NAME	STREET ADDRESS	CITY STATE AND ZIP CODE
a.		
b.		
c.		
d.		
e.		
f.		

- 1) Justification: The installation described above is required in connection with mobile/self - protection monitoring operations.
- 16) Monitor Training (dates monitors named in item 12 received basic and refresher training in Radiological Monitoring Techniques). (See also RDAM 5-1).

	DATE OF MONITOR PARTICIPATION			
	a.	b.	e.	f.
16 Hr RM Training or Mobile EM Course				
2 - 4 Hr. Refresher/Exercise				

- 15) This mobile radiological survey unit is co-located with FMS Number _____ which is identified on Form RAD-1F, Appendix 3.b., dated _____, of this jurisdiction's Radiological Intelligence Section Annex.
- 16) Sheltered Location: During attack and immediate postattack period and if Item #6 has a PF less than 40, mobile monitoring personnel will be sheltered at:
 a. Shelter Area: Address _____
 b. Telephone No. _____ c. PF: _____

Signed: _____
CD Director or Agency Head

Note: Submit to State Radiological Intelligence Section in duplicate (See also RDAM 13, RDAM 13-1, Form RAD-1D, and Form RAD-1M). Update biennially.

Instructions For Preparing N.Y. State Form RAD-1E

- Form RAD-1E will be prepared by the local jurisdiction for each location that will serve as a mobile self-protection monitoring unit and will submit the Form in duplicate to State RADKF: when requesting CDV-777 radiological monitoring kits (See RDAM 13, Attach. 1); when making a periodic update; or for otherwise identifying a mobile monitoring unit.
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 7. Item 12 (Roster of Trained Monitors): The name of only one trained monitor is required. A description of mobile monitor training is contained in RDAM 5-1, Chapt. III.D and III.F
 8. Item 14: At least one monitor must have had a radiological monitor (RM) training course within the last ~~four~~ ² years for the RAD-1E Form and the monitoring unit to be considered current.
 9. Item 15: Answer only if an FMS exists at the same location as the mobile monitoring unit.
 10. Item 16: If undetermined, so indicate in 16.a.

RADIOLOGICAL INTELLIGENCE SECTION

STATEWIDE INVENTORY

EQUIPMENT SUMMARY

	GOAL	PRESENT	TO BE DONE
Fixed Monitoring Kits (CD V-777)	2705	2100	605
Mobile Monitoring Kits (" ")	2012	975	1037
Shelter Kits (CD V-777-1)	22012	22012	-0-
Remote Instrument (CD V-717)	575	145	430
Remote Monitors (CD V-711)	75	22	53
Aerial Survey Instruments (CD V-781)	63	59	4
Instrument Training Sets (CD V-776)	76	76	-0-
Radiation Source Sets (CD V-778)	50	50	-0-
School Kits (CD V-755)	1215	1215	-0-
Dosimeters (CD V-742)-Stockpiling	183419	183419	-0-
Chargers (CD V-750)-Stockpiling	7322	7322	-0-

EMERGENCY OPERATIONS PLAN
Annex K, App. 3.a.

STATE OF NEW YORK
FDAM 2-5

EQUIPMENT RESOURCES IN CD JURISDICTIONS

County CD V-		FMS KITS 777	SHELTER KITS 777-1	REMOTE MONITOR 711	REMOTE SURVEY 717	AERIAL INSTR. 781	TRNG. SETS 776	SOURCE SETS 778	SCHOOL KITS 755	CHGR STPL 750	DCS STPL 742
1 ALBANY	E	25	151	1		1	1	1	26	88	1135
2 ALLEGANY	W	49	14		6			1	21	15	400
3 BROOME	E	76	206			1	1	1	24	14	200
4 CATTARAUGUS	W	66	31		1				19	10	300
5 CAYUGA	L	63	100	1		1	1	1	16	14	400
6 CHAUGAUGA	W	43	60		1	1	1	1	25	15	500
7 CHEMUNG	L	34	56				1		10	7	200
8 CHEYENGE	E	52	22				1		12	7	200
9 CLINTON	N	34	24			1			16	10	300
10 COLUMBIA	E	42	45						8	15	400
11 CORTLAND	C	30	60		1	1	1	1	9	8	240
12 DELAWARE	E	64	30				1	1	16	7	200
13 DUTCHESS	S	63	281		1	1	1	1	24	51	1500
14 ERIE	W	123	787	1	6	1	1	1	66	197	6000
15 ESSEX	N	28	25		1				16	7	200
16 FRANKLIN	N	35	31		1	1	1	1	15	7	200
17 FULTON	N	24	27			1	1		9	7	200
GENESEE	W	26	40		1		1	1	14	10	300
GREENE	E	32	34		6				6	20	500
18 HAMILTON	N	12	4						4	3	100
19 HERKIMER	C	45	56		1	1	1	1	12	14	425
20 JEFFERSON	C	63	62		1	1	1	1	22	50	1190
21 LEWIS	C	23	16		1		1	1	10	7	150
22 LIVINGSTON	W	36	55						12		
23 MADISON	C	40	30			1		1	12	7	200
24 MONROE	W	81	694		16	1		1	37	86	2500
25 MONTGOMERY	N	21	52		1	1	1	1	10	10	300
26 NASSAU	S	73	1002	1	6	2		1	83	290	9000
27 NIAGARA	W	82	287	1	11	1	2	2	25	57	1650
28 ONEIDA	C	67	72		1	1	1		27	17	500
29 ONONDAGA	C	23	354		1	1	1		36	68	2000
30 ONTARIO	L	58	46		1		1		12	7	200
31 ORANGE	S	46	91		2	1	2	1	23	11	300
32 ORLEANS	W	22	39	1	6		1	1	5	7	200
33 OSWEGO	C	47	51			1	1	1	12	14	400
34 OTSEGO	E	42	52		1				17	10	300
35 PUTNAM	S	13	29				1		5	7	200
36 RENSSELAER	E	56	151				1	1	17	3	100
37 ROCKLAND	S	34	143		1	1	1	1	9	17	500
38 ST LAWRENCE	C	93	126	1		1	1		25	17	500
39 SARATOGA	N	45	49	1			1	1	14	50	500
40 SCHOENECTADY	E	28	184			1	1	1	13	24	700
41 SCHUYLER	E	31	28				1	1	12	4	100
42 SCHUYLER	L	15	16		1		1	1	2	4	100
43 SENECA	L	27	26				1		5	4	100
44 STEUBEN	L	56	83			1	1	1	20	17	500

EMERGENCY OPERATIONS PLAN
Annex K, App. 5.a(1)

STATE OF NEW YORK
RDAM 2-5, Page 2 of 3

		777	777-1	711	717	781	776	779	755	750	742
47 SUFFOLK	S	111	431	2		1	1	58	120	4000	
48 SULLIVAN	S	52	14		1		1	11	7	200	
49 TIOGA	L	43	28					1	6	7	200
50 TOMPKINS	L	37	48						11	10	288
51 ULSTER	S	56	83		1	1	1	1	12	20	600
52 WARREN	N	30	43		1	1			14		
53 WASHINGTON	N	25	35		1			1	12	10	300
54 WAYNE	L	35	115	1			1		12	10	300
55 WESTCHESTER	S	94	303	1		1	1	1	72	81	2300
56 WYOMING	W	20	23		1		1	1	6	10	150
57 YATES	L	23	11		1		1	1	6	5	150
TOTAL COUNTY		2614	6927	12	82	30	48	36	1048	1830	44978

CITY

58 MOUNT VERNON	S	7	118				1			10	300
59 NEW ROCHELLE	S	7	121							10	300
60 NEW YORK		245	14047	1	22	1	1			500	15000
61 NO. TONAWANDA	W	13	15							7	200
62 CLEON	W	8	21		1						
63 ONEIDA	C	3	15							13	390
64 PEEKSKILL	S	6	42							4	120
65 PLATTSBURGH	N	8	32		1					9	200
66 PORT JERVIS	S	9	14		1		1	1		9	200
67 POPE	C	9	86				1			10	300
68 SALAMANCA	W	2	10							4	100
UTICA	C	27	110		1		1	1		17	5
70 WHITE PLAINS	S	15	125							10	300
71 YONKERS	S	26	295		1		1			34	1000
TOTAL CITY		385	15085	1	28	1	12	5	167	641	19010
Total City & County		2999	22012	13	110	31	60	42	1215	2471	63988

NYSODP HQ		3	1	1		1					
PAINT. FLOAT		1194	2049	2	16	24	5	7		2260	60974
NYSOD DIST OFF											
WESTERN		1	1	1	1		1			203	5100
LAKE		3		1	3		1			6	200
CENTRAL		1		1						203	5100
NORTHERN		1	1	1			1			203	5100
EASTERN		1	1	1	1		1			203	5100
SOUTHERN		2	1	1	1					203	5100
NYC DIST OFF											
TOTAL STATE CD		1206	2059	9	22	25	9	7		3289	86993

STATE AGENCIES		4									
NYS DIV MIL & NAV		76					3	1		382	9400
NYS HEALTH DEPT		33					1			165	5000
NYS POLICE		102	1			3				69	3467

CD V-	777	777-1	711	717	781	776	778	755	750	742
P OF TRANSP	77									
CIV AIR PATROL	82								640	7000
DEPT SOC SVCS	9								10	100
NYS CONS DEPT	6								30	1100
NYS LABOR					1				50	1400
NYS FIRE SAFETY									223	5350
NYS OGS ALBANY		20							1	30
NYS Thruway	1									
TOTAL ST AGCY	390	21			4	4	1		1570	3284
CHASE MAN BANK										
NIAGARA MOHAWK	14	1				1				
TENNESSEE GAS	5					1				
NYS POWER AUTH										
NYU										
TOTAL OTHER	19	1				2				
FED AGENCIES										
USAF	65	15		2						
US ARMY	50	37								
FAA	20									
FDA	93									
TSDA	26									
A	1									
OTHER AGENCIES	19	55		5						
TOTAL	274	107		7						
GRAND TOTAL	4876	24194	22	145	59	76	50	1215	7322	183419

Note: See RDAM 6-2, Civil Defense Radiological Instruments and Equipment, for descriptions of the equipment listed herein.

FMS KITS CD V-777

Local Network: 2999
State Network: 390
Federal Network: 274
Misc. Network: 19
Maint. Float: 1194
TOTAL 4876

SHELTER KITS CD V-777-1

Local Jurisdiction: 22012
State Agencies : 26
Federal Agencies : 107
Maint. Float : 2040
TOTAL --- --- 24194

DOSIMETER STOCKPILE CD V-742

Local Jurisdiction: 63,988
State Agencies: 58,547
Maint. Stock 60,974
TOTAL 183,419

CHARGER STOCKPILE CD V-750

Local Jurisdiction: 2,471
State Agencies: 2,591
Maint. Stock: 2,260
TOTAL 7,322

RADIOLOGICAL INTELLIGENCE SECTION

EQUIPMENT SUMMARY

	GOAL	PRESENT	TO BE DONE
Fixed Monitoring Kits (CD V-777)	17	96	0
Mobile Monitoring Kits (" ")	30	13	17
Shelter Kits (CD V-777-1)	431	431	0
Remote Instrument (CD V-717)	17	0	17
Remote Monitors (CD V-711)	1	2	0
Aerial Survey Instruments (CD V-781)	1	1	0
Instrument Training Set (CD V-776)	1	1	0
Radiation Source Set (CD V-778)	1	0	0
School Kits (CD V 5)	58	58	0
Dosimeters (CD V- 12)-Stockpiling	4,000	4,000	0
Chargers (CD V-750)-Stockpiling	150	180	0

EMERGENCY OPERATIONS PLAN
Annex K, App. 3.A.

SUFFOLK COUNTY
Civil Defense Jurisdiction
9/22/80
(Date)

EQUIPMENT SUMMARY

RADIOLOGICAL INTELLIGENCE SECTION
STATE WIDE INVENTORY

	GOAL	PRESENT	TO BE DONE
CDV - 777 - 2 SHELTER SETS	22,012	25,324	0
CDV - 777 - A MONITORING SETS (KFMS / WERS)	414	872	0
CDV - 781 AERIAL MONITORING INSTRUMENTS	60	59	1
CDV - 777 OPERATIONAL SETS (MOBILE / SELF PROTECTION)	2,262	4,991	0
CDV - 711 EOC REMOTE MONITORS	81	22	59
CDV - 742 DOSIMETERS	94,688	183,778	0
CDV - 750 DOSIMETER CHARGERS	3,490	7,644	0
CDV - 776 INSTRUMENT TRAINING SETS	81	81	0
CDV - 778 RADIATION SOURCE SETS	62	62	0
CDV - 755 SCHOOL KITS	1,117	1,117	0

NOTE: For Instrument Maintenance Guidance See RDAM 6-1.

FORM RAD-10B (Rev. Mar. 1979) STATE OF NEW YORK

EMERGENCY OPERATIONS PLAN
ANNEX K, APPENDIX 3.a.
RADIOLOGICAL INTELLIGENCE SECTION

STATE OF NEW YORK
CIVIL DEFENSE JURISDICTION
DATE JANUARY 1980

STATE OF NEW YORK
DIVISION OF MILITARY AND NAVAL AFFAIRS
OFFICE OF DISASTER PREPAREDNESS
PUBLIC SECURITY BUILDING, STATE CAMPUS
ALBANY, NEW YORK 12228

Memo No. T -80-3

Date: 22 Jan. 1981

Distribution:

Local Directors A

Special

Notification:

Transitory

Permanent

Discard Date: Upon Completion of Action

Supersedes:

APPROVED:

Director *Edward A. Belmont*
Disaster Preparedness Program

SUBJECT:

RDAM 2-5, Appendix 3.a. Equipment Summary
and Appendix 3.a. (1) Equipment Resources
in Civil Defense Jurisdictions.

Transmitted herewith are two copies each of Appendix 3.a. and Appendix 3.a. (1) to State Annex K (RDAM 2-5), the Radiological Intelligence Annex to the Emergency Plan of the State of New York. Please compare the information as indicated below and file with your RDAM's as described in ODP Memo P-77-3.

1. Appendix 3.a. is a summary of equipment located throughout New York State by type as shown by the Technical Support Branch of the Radiological Intelligence Section.
2. Appendix 3.a. (1) is a complete list of Radiation Detection Equipment issued to each Civil Defense Jurisdiction as shown by the records of the Technical Support Branch of the Radiological Intelligence Section.
3. The Equipment listed for your Jurisdiction in State Annex K, Appendix 3.a. (1) should agree with your entries in the PRESENT column of Appendix 3.a. in your local Annex K and in the PRESENT INVENTORY column of Appendix 3.a. (2) in your local Annex K, per RDAM 2-3 dated October 1978, Guide for Preparation of Local Radiological Intelligence Plans. If there are discrepancies, please contact Mr. Frank D. Griffin, Phone: (518) 457-3897.

RVO/sm

EMERGENCY OPERATIONS PLAN
ANNEX K, APPENDIX 3.e.
RADIOLOGICAL INTELLIGENCE SECTION

CIVIL DEFENSE JURISDICTION

DATE _____

EQUIPMENT SUMMARY

	GOAL	PRESENT	TO BE DONE
CDV - 717 - 2 SHELTER SETS			
CDV - 717 - A MONITORING SETS (KFMS / WERS)			
CDV - 781 AERIAL MONITORING INSTRUMENTS			
CDV - 717 OPERATIONAL SETS (MOBILE / SELF PROTECTION)			
CDV - 711 EOC REMOTE MONITORS			
CDV - 742 DOSIMETERS			
CDV - 750 DOSIMETER CHARGERS			
CDV - 717 REMOTE INSTRUMENTS			
CDV - 716 INSTRUMENT TRAINING SETS			
CDV - 718 RADIATION SOURCE SETS			
CDV - 755 SCHOOL KITS			

NOTE: For Instrument Maintenance Guidance See RDAM 6-1.

FORM RAD-10B (Rev. Mar. 1979) STATE OF NEW YORK

Radiological Intelligence Section
Equipment Resources in CD Jurisdictions

Jurisdiction	1	2	3	4	5	6	7	8	9	10
D O W	777-2 SHELT	777-A WERS	777 MOBILE	742 DOSI STOCKPILE	750 CHARGER STOCKPILE	781 AERIAL SURVEY	711 REMOTE READING	776 TRAINING SET	778 SOURCE SET	755 SCHOOL KIT
ALLEGANY	34	8	95	400	15					
CATTARAUGUS	172	10	113	300	10				1	10
CHAUTAUQUA	60	10	54	400	20			1		13
ERIE	812	6	112	6,000	197	1		1	1	25
GENESEE	58	1	32	351	17	1	1	1		66
LIVINGSTON	69	6	37					1	1	12
MONROE	613	17	86	2,500	86			1		12
NIAGARA	470	11	190	1,650	57	1		1	1	37
ORLEANS	65	6	32	200	7	1	1	2	1	25
WYOMING	46	1	30	150	10		1	1	1	5
NIAGARA FALLS		1	26					1	1	6
NO. TONAWANDA	46		23	200	7					
OLEAN	42	1	16	103	47			1		
SALAMANCA	20		3	100	4			1		2
DIST. OFFICE	1	1	1	5,100	203		1	1		
TOTAL:	1,995	79	870	17,350	80	4	4	14	7	203

- A. Column Numbers Pertain to the following:
1. CDV-777-2 Shelter Radiation Monitoring Sets
 2. CDV-777-A, RADEF Monitoring Support Sets. For Key Fixed Monitoring Stations (KFMS)/Weapon Effects Reporting Stations (WERS). One station per 100 sq. mi. with P.F. of at least 40.
 3. CDV-777 RADEF Operational Sets. For Mobile/Self-Protection monitoring purposes.
 4. CDV-742, Dosimeters, Emergency Workers Stockpile.
 5. CDV-750, Dosimeter Charger, Emergency Workers Stockpile.
 6. CDV-781, Aerial Radiological Monitoring (ARM) Instruments.
 7. CDV-711, EOC Remote Sensor Radiation Meter, (not available for issue at present).
 8. CDV-776, Radiological Defense Training Set
 9. CDV-778, Radiation Training Source Set
 10. CDV-755, School RADEF Training Kits

Radiological Intelligence Section
Equipment Resources in CD Jurisdictions

Jurisdiction	1	2	3	4	5	6	7	8	9	10
D O L	777-2 SHELTER	777-A WERS	777 MOBILE	742 DOSI STOCKPILE	750 CHARGER STOCKPILE	781 AERIAL SURVEY	711 REMOTE READING	776 TRAINING SET	778 SOURCE SET	755 SCHOOL KIT
CAYUGA	103		100	400	14	1	1	1	1	16
CHEMUNG	80		48	200	7			1	1	10
ONTARIO	101	1	60	200	7			1	1	12
SCHUYLER	16	1	3	100	4			1	1	2
SENECA	44		9	100	4			1	1	5
STEBEN	92	1	126	500	17	1		1	1	20
TIOGA	56	1	43	200	7			1	1	6
TOMPKINS	76		7	288	10					11
WAYNE	161	1	35	300	10	1	1	1		12
YATES	31	1	41	150	5			1	1	6
DIST. OFFICE	1	1	3	200	6		1	1		
TOTAL:	530	20	475	2,638	91	3	3	10	8	100

A. Column Numbers Pertain to the following Items:

1. CDV-777-2 Shelter Radiation Detection Sets
2. CDV-777-A, RADEF Monitoring Support Sets. For Key Fixed Monitoring Stations (KFMS)/Weapon Effects Reporting Stations (WERS). One station per 100 sq. mi. with P.F. of at least 40.
3. CDV-777 RADEF Operational Sets. For Mobile/Self-Protection monitoring purposes.
4. CDV-742, Dosimeters, Emergency Workers Stockpile.
5. CDV-750, Dosimeter Charger, Emergency Workers Stockpile.
6. CDV-781, Aerial Radiological Monitoring (ARM) Instruments.
7. CDV-711, EOC Remote Sensor Radiation Meter, (not available for issue at present).
8. CDV-776, Radiological Defense Training Set
9. CDV-778, Radiation Training Source Set
10. CDV-755, School RADEF Training Kits

Radiological Intelligence Section
Equipment Resources in CD Jurisdictions

Jurisdiction	1	2	3	4	5	6	7	8	9	10
D O C	777-2 SHELT	777-A WERS	777 MOBILE	742 DOSI STOCKPILE	750 CHARGER STOCKPILE	781 AERIAL SURVEY	711 REMOTE READING	776 TRAINING SET	778 SOURCE SET	755 SCHOOL KIT
CORTLAND	90	1	38	240	8	1		1	1	9
HERKIMER	92	1	32	425	14	1		1	1	12
JEFFERSON	139	1	98	1,190	50	1		1	1	22
LEWIS	16	1	19	150	7			1	1	10
MADISON	15		44	200	7	1		1	1	12
ONEIDA	108	1	67	500	17	1		1		27
ONONDAGA	466	1	23	2,000	68	1		1		36
OSWEGO	102	11	67	400	34	1		1	1	12
ST. LAWRENCE	147		102	500	17	1	1	1		25
ONEIDA CITY	23		2	390	14					
ROME CITY	85	3	6	300	10					
UTICA CITY	167	2	25	500	17			1	1	
DIST. OFFICE	1	1	1	5,100	203		1	1	1	
TOTAL:	1,023	23	524	11,895		7	2	11	7	165

A. Column Numbers Pertain to the following:

1. CDV-777-2 Shelter Radiation Detect
2. CDV-777-A, RADEF Monitoring Support Effects Reporting Stations (WERS)
3. CDV-777 RADEF Operational Sets. For
4. CDV-742, Dosimeters, Emergency Workers
5. CDV-750, Dosimeter Charger, Emergency Workers
6. CDV-781, Aerial Radiological Monitoring (ARM) Instruments.
7. CDV-711, EOC Remote Sensor Radiation Meter, (not available for issue at present).
8. CDV-776, Radiological Defense Training Set
9. CDV-778, Radiation Training Source Set
10. CDV-755, School RADEF Training Kits

For Key Fixed Monitoring Stations (KFMS)/Weapon station per 100 sq. mi. with P.F. of at least 40. e/Self-Protection monitoring purposes.

Emergency Operations Plan
Annex K App 3.a (1)
Radiological Intelligence Section

State of New York
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Radiological Intelligence Section
Equipment Resources in CD Jurisdictions

Jurisdiction	1	2	3	4	5	6	7	8	9	10
D O N	777-2 SHELT	777-A WERS	777 MOBILE	742 DOSI STOCKPILE	750 CHARGER STOCKPILE	781 AERIAL SURVEY	711 REMOTE READING	776 TRAINING SET	778 SOURCE SET	755 SCHOOL KIT
CLINTON	60	5	34	300	10	1				16
ESSEX	40	4	40	200	7			1	1	16
FRANKLIN	46	1	35	200	7			1	1	15
FULTON	47		29	200	7	1		1		9
HAMILTON	8		12	100	3					4
MONTGOMERY	112	7	49	300	10	1		1	1	10
SARATOGA	113		72	500	50		1	1	1	14
WARREN	87	1	31	300	10	1				14
WASHINGTON	90	1	25	300	10			1		12
PLATTSBURGH CITY	40	1	8	200	9			1	1	9
DIST. OFFICE	1	1	1	5,100	203		1	1		
TOTAL:	319	21	337	7,500	326	4	2	8	5	119

- A. Column Numbers Pertain to the following Items:
1. CDV-777-2 Shelter Radiation Monitoring Sets
 2. CDV-777-A, RADEF Monitoring Station Sets. For Key Fixed Monitoring Stations (KFMS)/Weapon Effects Reporting Station (WERS). One station per 100 sq. mi. with P.F. of at least 40.
 3. CDV-777 RADEF Operational Station Sets. For Mobile/Self-Protection monitoring purposes.
 4. CDV-742, Dosimeters, Emergency Workers Stockpile.
 5. CDV-750, Dosimeter Charger, Emergency Workers Stockpile.
 6. CDV-781, Aerial Radiological Monitoring (ARM) Instruments.
 7. CDV-711, EOC Remote Sensor Radiation Meter, (not available for issue at present).
 8. CDV-776, Radiological Defense Training Set
 9. CDV-778, Radiation Training Source Set
 10. CDV-755, School RADEF Training Kits

Radiological Intelligence Section
 Equipment Resources in CD Jurisdictions

Jurisdiction	1	2	3	4	5	6	7	8	9	10
DOE	777-2 SHELT	777-A WERS	777 MOBILE	742 DGS1 STOCKPILE	750 CHARGER STOCKPILE	781 AERIAL SURVEY	711 REMOTE READING	776 TRAINING SET	778 SOURCE SET	755 SCHOOL KIT
ALBANY	191		33	1,135	88	1	1	1	1	26
BROOME	294	8	64	200	14	1		1	1	24
CHENANGO	65	8	89	100	7			1	1	12
COLUMBIA	93		64	400	15			1	1	8
DELAWARE	60		64	162	7			1	1	16
GREENE	51	6	23	500	20			1	1	6
OTSEGO	179	1	136	300	10			1	1	17
RENSSELEAR	175	23	65	500	15			1	1	17
SCHENECTADY	164		28	700	24	1		1	1	13
SCHOHARIE	50		62	100	4	1		1	1	12
DIST. OFFICE	1	1	1	5,100	203		1	1	1	
TOTAL:	884	47	629	9,197	107	4	2	9	9	151

- A. Column Numbers Pertain to the following:
1. CDV-777-2 Shelter Radiation Detectors.
 2. CDV-777-A, RADEF Monitoring Support Effects Reporting Stations (WERS). For Key Fixed Monitoring Stations (KFMS)/Weapon One station per 100 sq. mi. with P.F. of at least 40.
 3. CDV-777 RADEF Operational Sets. For Mobile/Self-Protection monitoring purposes.
 4. CDV-742, Dosimeters, Emergency Workers Stockpile.
 5. CDV-750, Dosimeter Charger, Emergency Workers Stockpile.
 6. CDV-781, Aerial Radiological Monitoring (ARM) Instruments.
 7. CDV-711, EOC Remote Sensor Radiation Meter, (not available for issue at present).
 8. CDV-776, Radiological Defense Training Set
 9. CDV-778, Radiation Training Source Set
 10. CDV-755, School RADEF Training Kits

Equipment Resources in CD Jurisdictions

Jurisdiction	1	2	3	4	5	6	7	8	9	10
D O S	777-2 SHELTER	777-A WERS	777 MOBILE	742 DOSI STOCKPILE	750 CHARGER STOCKPILE	781 AERIAL SURVEY	711 REMOTE READING	776 TRAINING SET	778 SOURCE SET	755 SCHOOL KIT
DUTCHESS	451	1	63	1,500	51	1		1	1	24
NASSAU	1,485	6	86	9,000	290	2	1	1	1	0
ORANGE	69	3	25	200	07	1		1	1	23
PUTNAM	56		35	200	7			1	1	5
ROCKLAND	170	1	80	500	17	1		1	1	9
ALBANY SUFFOLK	333 549	1	109/2	4,000	180	1	2	1	1	58
SULLIVAN	29	1	113	200	7			1	1	11
ULSTER	107	10	95	600	20	1		1	1	12
WESTCHESTER	293		167	2,300	81	1	1	1	1	72
MOUNT VERNON	237		8	300	10			1		
NEW ROCHELLE	349		14	300	10			1		
PEEKSKILL	126		7	120	4					
PORT JERVIS	14	1	12	200	9			1	1	
WHITE PLAINS	215		47	300	10			1	1	
YONKERS	397	1	12	1,000	34					
NEW YORK	14,047	55	33	15,536	500	1	1	1		
DIST. OFFICE	1	1	2	5,130	218		1	2	2	165
TOTAL:	17,134	81	908	41,386	1,851	9	6	15	12	379

A. Column Numbers Pertain to the following Items:

1. CDV-777-2 Shelter Radiation Detection Sets
2. CDV-777-A, RADEF Monitoring Stations. For Key Fixed Monitoring Stations (KFMS)/Weapon Effects Reporting Stations. One station per 100 sq. mi. with P.F. of at least 40.
3. CDV-777 RADEF Operational Sets. Mobile/Self-Protection monitoring purposes.
4. CDV-742, Dosimeters, Emergency Workers Stockpile.
5. CDV-750, Dosimeter Charger, Emergency Workers Stockpile.
6. CDV-781, Aerial Radiological Monitoring (ARM) Instruments.
7. CDV-711, EOC Remote Sensor Radiation Meter, (not available for issue at present).
8. CDV-776, Radiological Defense Training Set
9. CDV-778, Radiation Training Source Set
10. CDV-755, School RADEF Training Kits

Radiological Intelligence Section
Equipment Resources in CD Jurisdictions

Jurisdiction	1	2	3	4	5	6	7	8	9	10
STATE ODP	777-2 SHELTERS	777-A WERS	777 MOBILE	742 DOSI STOCKPILE	750 CHARGER STOCKPILE	781 AERIAL SURVEY	711 REMOTE READING	776 TRAINING SET	778 SOURCE SET	755 SCHOOL KIT
NYS ODP HQ.	1	1	3			1	1			
WESTERN DIST.	1	1	1	5,100	203					
LAKE DIST.		1	3	200	6		1	1		
CENTRAL DIST.	1	1	1	5,100	203		1	1		
NORTHERN DIST.	1	1	1	5,100	203		1			
EASTERN DIST.	1	1	1	5,100	203		1	1	1	
SOUTHERN DIST.	1	1	2	5,130	218		1	1	1	
MAINT. FLOAT	3,274	600	713	67,525	3,183	22	2	6	12	
*TOTAL:	3,274	601	716	67,525	3,183		3	10	13	

- A. Column Numbers Pertain to the following Items:
- CDV-777-2 Shelter Radiation Detection Sets
 - CDV-777-A, RADEF Monitoring Support Sets. For K ed Monitoring Stations (KFMS)/Weapon Effects Reporting Stations (WERS). One station 100 sq. mi. with P.F. of at least 40.
 - CDV-777 RADEF Operational Sets. For Mobile/Self-in section monitoring purposes.
 - CDV-742, Dosimeters, Emergency Workers Stockpile.
 - CDV-750, Dosimeter Charger, Emergency Workers Stockpile.
 - CDV-781, Aerial Radiological Monitoring (ARM) Instruments.
 - CDV-711, EOC Remote Sensor Radiation Meter, (not available for issue at present).
 - CDV-776, Radiological Defense Training Set
 - CDV-778, Radiation Training Source Set
 - CDV-755, School RADEF Training Kits

*Totals exclude Districts which are included on District Sheets

Emergency Operations Plan
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Radiological Intelligence Section

State of New York
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Radiological Intelligence Section
Equipment Resources in CD Jurisdictions

Jurisdiction	1	2	3	4	5	6	7	8	9	10
STATE AGENCIES	777-2 SHELTS	777-A WERS	777 MOBILE	742 DOSI STOCKPILE	750 CHARGER STOCKPILE	781 AERIAL SURVEY	711 REMOTE READING	776 TRAINING SET	778 SOURCE SET	755 SCHOOL KIT
DIV. MIL & NAV.			76	9,400	382			3		
NYS HEALTH DEPT.			33	5,000	165			1		
NYS POLICE	1		102	3,467	69	3				
DPT. OF TRANS.				0	0					
CIVIL AIR PATROL			82	100	10					
SOCIAL SUC.			9	1,100	30					
ENV. CONSERVATION				1,400	50	1				
LABOR				5,799	243					
FIRE SERVICE			1	30	1					
OCS	20							1	1	
THRUWAY			1							
TOTAL:	21		304	26,296	1,949	4	0	4	1	

- A. Column Numbers Pertain to the following Items:
1. CDV-777-2 Shelter Radiation Detection Sets
 2. CDV-777-A, RADEF Monitoring Support Sets, For Key Fixed Monitoring Stations (KFMS)/Weapon Effects Reporting Stations (WERS). One station per 100 sq. mi. with P.F. of at least 40.
 3. CDV-777 RADEF Operational Sets. For Mobile/Self-Protection monitoring purposes.
 4. CDV-742, Dosimeters, Emergency Workers Stockpile.
 5. CDV-750, Dosimeter Charger, Emergency Workers Stockpile.
 6. CDV-781, Aerial Radiological Monitoring (ARM) Instruments.
 7. CDV-711, EOC Remote Sensor Radiation Meter, (not available for issue at present).
 8. CDV-776, Radiological Defense Training Set
 9. CDV-778, Radiation Training Source Set
 10. CDV-755, School RADEF Training Kits

Radiological Intelligence Section
Equipment Resources in CD Jurisdictions

Jurisdiction	1	2	3	4	5	6	7	8	9	10
FED. AGENCIES	777-2 SHELTERS	777-A WERS	777 MOBILE	742 DOSI STOCKPILE	750 CHARGER STOCKPILE	781 AERIAL SURVEY	711 REMOTE READING	776 TRAINING SET	778 SOURCE SET	755 SCHOOL KIT
USAF	15		65							
US ARMY	29		50							
FAA			20							
FDA			93							
VA	1									
TOTALS:	45		228							
GRAND TOTALS:	25,324	872	4,991	183	7,644	59	22	81	62	1,117

Note: See RDAM 6-2, Civil Defense Radiological Instruments and Equipment for descriptions of the equipment listed herein.

KFMS KITS CD V-777A

Local Network: 271
State Network: 1
Federal Agencies: 0
Maint. Float: 600
TOTAL: 872

SHELTER KITS CD V-777-2

Local Network: 21,984
State Agencies: 21
Federal Agencies: 45
Maint. Float: 3,274
TOTAL: 25,324

DOSIMETER STOCKPILE CD V-742

Local Jurisdiction: 89,967
State Agencies: 26,296
Maint. Stock: 67,525
TOTAL: 183,778

CHARGER STOCKPILE CD V-750

Local Jurisdiction: 3,821
State Agencies: 949
Maint. Stock: 2,874
TOTAL: 7,644

SELF PROTECTION KITS CD V-777

Local Network: 3,743
State Network: 307
Federal Network: 228
Maint. Float: 713
TOTAL: 4,991

DISTRIBUTION OF CD V-800 AND CD V-805 PROTECTIVE MASKS

WESTERN D.O.	CD V-800	CD V-805
ALLEGANY	8	5
CATTARAUGUS		
CHAUTAUQUA	25	20
ERIE	204	160
GENESEE	12	10
LIVINGSTON		
MONROE	68	64
NIAGARA	50	40
ORLEANS		
WYOMING		
NO. TONAWANDA	8	5
OLEAN		
SALAMANCA	4	3

NORTHERN D.O.	CD V-800	CD V-805
CLINTON	108	65
ESSEX	12	10
FRANKLIN	8	5
FULTON		
HAMILTON		
MONTGOMERY		
SARATOGA		
WARREN	8	5
WASHINGTON	12	10
PLATTSBURGH	36	31

LAKE D.O.	CD V-800	CD V-805
CAYUGA	25	25
CHEMUNG	20	15
ONTARIO		
SCHUYLER		
SENECA		
STEUBEN		
TIOGA		
TOMPKINS		
WAYNE		
YATES		60

EASTERN D.O.	CD V-800	CD V-805
ALBANY	25	25
BROOME	36	32
CHENANGO		
COLUMBIA	12	10
DELAWARE		
GREENE	8	5
OTSEGO		
RENSSELAIRE	25	20
SCHENECTADY	24	30
SCHOHARIE		

CENTRAL D.O.	CD V-800	CD V-805
CORTLAND	25	25
HERKIMER	8	5
JEFFERSON		
LEWIS		
MADISON	12	10
ONEIDA		
ONONDAGA	120	128
OSWEGO	25	25
ST. LAWRENCE		
ONEIDA		
ROME	12	10
UTICA	20	15

SOUTHERN D.O.	CD V-800	CD V-805
DUTCHESS	25	25
NASSAU	30	25
ORANGE	204	160
PUTNAM		
ROCKLAND	12	10
SUFFOLK	36	31
SULLIVAN	204	160
ULSTER		
WESTCHESTER	252	240
MOUNT VERNON	12	10
NEW ROCHELLE	20	15
PEEKSKILL	6	3
PORT JERVIS		
WHITE PLAINS		
YONKERS		
NEW YORK	160	130

DOW	359	307
DOL	45	100
DOC	222	218
DON	184	127
DOE	130	122
DOS	961	809

DISTRICT TOTALS	1,901	1,683
STATE EOC STOCK	883	702
STATE TOTALS	2,784	2,385

SEE RDAM 16-1 FOR DESCRIPTIONS
 OF THE MASKS.

EQUIPMENT SUMMARY

- Fixed Monitoring Kits (CD V-777)
- Mobile Monitoring Kits (" ")
- Shelter Kits (CD V-777-1)
- Remote Instrument (CD V-717)
- Remote Monitors (CD V-711)
- Aerial Survey Instruments (CD V-781)
- Instrument Training Set (CD V-776)
- Radiation Source Set (CD V-778)
- School Kits (CD V-775)
- Dosimeters (CD V-742)-Stockpiling
- Chargers (CD V-750)-Stockpiling

PRESENT INVENTORY	ANNUAL WORKLOAD
96	N/A
13	"
431	"
0	"
2	"
1	"
1	"
0	"
58	"
4,000	"
180	"

EMERGENCY OPERATIONS PLAN
Annex K, App. 3.a.(2)

SUFFOLK COUNTY
Civil Defense Jurisdiction
9/22/80
(Date)

EQUIPMENT SUMMARY

Fixed Monitoring Kits (CD V-777)
Mobile Monitoring Kits (" ")
Shelter Kits (CD V-777-1)
Remote Instrument (CD V-717)
Remote Monitors (CD V-711)
Aerial Survey Instruments (CD V-781)
Instrument Training Sets (CD V-776)
Radiation Source Sets (V-778)
School Kits (CD V-755)
Dosimeters (CD V-742)-Stockpiling
Chargers (CD V-750)-Stockpiling

PRESENT INVENTORY	ANNUAL WORKLOAD

EMERGENCY OPERATIONS PLAN
 Annex K, App. 3.a(3)

Civil Defense Jurisdiction
 Page _____
 (Date) 4/20/80

RADIOLOGICAL INTELLIGENCE SECTION
DOSIMETER AND CHARGER STOCKPILE AND DISTRIBUTION PLAN

A. Total Initial Allocation To This Jurisdiction

1. Dosimeters CDV-742 : 4,000
 2. Dosimeter Chargers CDV-750 : 180

B. Summary Of Present Distribution

	<u>CDV-742</u>	<u>CDV-750</u>
1. Quantity in central storage at EOC	4,000	180
2. Quantity distributed to decentralized storage	432	216
3. Quantity distributed to individuals	N/A	N/A
Total:	<u>4,432</u>	<u>396</u>

C. Inspection

1. Date dosimeters last charged : N/A
 2. Date of last inventory : 3/80

D. Location of Equipment Distributed PART OF SHELTER KITS.

1. Name of Individual or Facility	2. Quantity CDV-742	3. Quantity CDV-750	4. Address (Street and City)
Babylon Town	50	25	200 E. Sunrise Hwy, N. Babylon NY
Huntington Town	60	30	227 Main St., Huntington, NY
Islip Town	150	75	Main Street, Islip, NY
Smithtown Town		30	99 W. Main St., Smithtown, NY
Brookhaven Town	70	35	S. Ocean Ave., Patchogue, NY
Riverhead Town	10	5	200 Howell Ave., Riverhead, NY
Southampton Town	10	5	Main St., Southampton, NY
Southold Town	10	5	53095 Main Rd., Southold, NY
East Hampton Town	10	5	Pantigo Rd., East Hampton, NY
Shelter Island Town	2	1	44 No. Ferry Rd., Shelter Is., NY

ALL SHELTER KITS REMOVED TO CENTRAL STORAGE AT EOC

Note: Form Rad-1P with proper modification may be used as a continuation sheet for recording location of distributed equipment. See also Form Rad-19 & 19A.

RADIOLOGICAL INTELLIGENCE SECTION

DOSIMETER AND CHARGER STOCKPILE AND DISTRIBUTION PLAN

A. Total Initial Allocation To This Jurisdiction (See RDAM 2-5, App. 3.a.(1))

- 1. Dosimeters CDV-742 _____
- 2. Dosimeter Chargers CDV-750 _____

B. Summary Of Present Distribution

	<u>CDV-742</u>	<u>CDV-750</u>
1. Quantity in central storage at EOC _____	_____	_____
2. Quantity distributed to decentralized storage _____	_____	_____
3. Quantity distributed to individuals _____	_____	_____
Total:	_____	_____

C. Inspection

- 1. Date dosimeters last charged _____
- 2. Date of last inventory _____

D. Location of Equipment Distributed

1. Name of Individual or Facility	2. Quantity CDV-742	3. Quantity CDV-750	4. Address (Street and City)

Note: Form Rad-1P with proper modification may be used as a continuation sheet for recording location of distributed equipment. See also Form Rad-19 & 19A.
FORM RAD-1P Form Rad-1P which constitutes Appendix 3.a(3) to the local Radiological Annex shall be updated annually and submitted to the State Radiological Intelligence Section by 31 January.

RADIOLOGICAL INTELLIGENCE SECTION

MONITORING STATIONS ESTABLISHED AND EQUIPPED

Type Network FIXED MONITORING STATIONS (FMS)

3. Letter Designator

*Asterisk in front of station number in column 1. means station is Key FMS (See RDAM 2-7).

1. Station No.	2. UTM Coordinates	3. Type of Facility	4. Protection Factor	5. Address (Street and City)

THREE LETTER DESIGNATORS - Fixed Monitoring Stations
(State, District, and Local Jurisdictions)

N.Y. State EOC: BOC

WESTERN (BAX)

ALLEGANY	BKL
CATTARAUGUS	BJY
CHAUTAUQUA	BJO
ERIE	BDR
GENESEE	BEK
LIVINGSTON	BEV
MONROE	BFA
NIAGARA	BKA
ORLEANS	BED
WYOMING	BEO
NIAGARA FALLS	BEC
NO. YONAWANDA	BOD
OLEAN	BJZ
SALAMANCA	BKC

LAKE (BLX)

CAYUGA	BQZ
CHEMUNG	BLH
ONTARIO	BTH
SCHUYLER	BLC
SENECA	BPV
STEBEN	BKT
TIOGA	BLS
TOMPKINS	BLN
WAYNE	BPR
YATES	BPL

CENTRAL (BCX)

CORTLAND	BCU
HERKIMER	BCL
JEFFERSON	BCA
LEWIS	BCP
MADISON	BHA
ONEIDA	BHH
ONONDAGA	BCO
OSWEGO	BHT
ST. LAWRENCE	BAG
ONEIDA	BRC
ROME	BRT
UTICA	BRL

NORTHERN (BNX)

CLINTON	BAZ
ESSEX	BBD
FRANKLIN	BAP
FULTON	BRZ
HAMILTON	BCR
MONTGOMERY	BIC
WARATOGA	BIS
WARREN	BCW
WASHINGTON	BDC
WATKINSBURGH	BBM

EASTERN (BEX)

ALBANY	BJA
BROOME	BMA
CHENANGO	BMH
COLUMBIA	BNS
DELAWARE	BMZ
GREENE	BNO
OTSEGO	BHU
RENSSELAER	BJK
SCHENECTADY	BTM
SCHOHARIE	BIG

SOUTHERN (BSX)

DUTCHESS	BPK
NASSAU	BRA
ORANGE	BOP
PUTNAM	BPV
ROCKLAND	BPE
SUFFOLK	BFA
SULLIVAN	BOH
ULSTER	BOT
WESTCHESTER	BPR
MIDDLETOWN	BOQ
MOUNT VERNON	BFS
NEWBURGH	BOY
NEW ROCHELLE	BQT
PEEKSKILL	BPC
PORT JERVIS	BOR
WHITE PLAINS	BPT
YONKERS	BPQ

Note: See RDAW 11-2, Ch.II.E. The 3-letter designator identifies the Emergency Operating Center (EOC) of the jurisdiction. A number and the 3-letter designator is used to identify fixed monitoring stations, such as 6BKL in Alleghany County. Mobile Monitoring teams or units (self-support monitoring) are identified by the letter M, the station number and the 3-letter designator, such as M2BKL.

N.Y. City Consists of the following counties:

Manhattan BQH
Bronx: BQI
Richmond: BQJ
Kings: BQK
Queens: BQL

NEW YORK CITY

NEW YORK	BQG
----------	-----

THREE LETTER DESIGNATORS
State Fixed Monitoring Station Network

The following designators have been assigned to agencies, State and private, in the New York State radiological monitoring network:

- | | |
|---|-----|
| 1) New York State Emergency Operating Center (Albany) | BOC |
| 2) New York State Department of Transportation | BPW |
| 3) New York State Guard | BSG |
| 4) New York State Police | BSP |
| 5) New York State Thruway Authority | BST |
| 6) Veterans Administration | BSV |
| 7) New York State Department of Social Welfare | BSW |
| 8) N.Y. State Dept. of Environmental Conservation | BCD |
| 9) Civil Air Patrol | BCP |
| 10) Central Hudson Gas & Electric Company | BCH |
| 11) Tennessee Gas Transmission Company | BGT |
| 12) New York State Department of Health | BMD |
| 13) Niagara Mohawk Power Corporation | BNM |
| 14) New York State Electric & Gas Corporation | BSE |

The following designators have been assigned to the State CD district offices

- | | |
|----------------------|-----|
| 1) Western District | BAX |
| 2) Lake District | BLX |
| 3) Central District | BCX |
| 4) Northern District | BNX |
| 5) Eastern District | BEX |
| 6) Southern District | BSX |

See also RDAM 4-4, Pg.A 13

REBIOLOGICAL INTELLIGENCE SECTION ANNEX

KEY MONITORING STATIONS ESTABLISHED AND EQUIPPED

1 Station No. & Letter Design	2 UTM Coordinates	3 Type of Facility	4 Protection Factor	5 Address (Street and City)	6 Telephone	7. Key Grid Sq.	8. DCPA Rept. Area
SUFFOLK COUNTY - BSA						See RDAM2-2 Att. 2F	RDAM 2-5 App. 2a(2)
✓ BSA	XA 7520	EOC	100+	Yaphank Ave., Yaphank, N.Y.	516-924-4400	FF-37 ✓	78
4 BSA	XA 4227	Hospital	100	Northport, N.Y.	516-	EE-34	77
8 BSA	XA 3807	Town Hall	100	200 E. Sunrise Hwy., N. Lindenhurst, N.Y.	516-	FF-34	77
15 BSA	XA 5225	Town EOC	75	Main St., Smithtown, N.Y.	516-	EE-35	77
✓ 21 BSA	XA 5110	Town Hall	100	655 Main St., Islip, N.Y.	516-	FF-35 ✓	77
36 BSA	XA 6814	EOC	100	Bay Ave., Patchogue, N.Y.	516-	FF-36	77
✓ 41 BSA	XA 7826	Lab	100+	Brookhaven Nat. Lab. Upton, N. Y.	516-	EE-37	78
47 BSA	XA 9632	Police	100	Town Hall, Second St., Overhead, N.Y.	516-	EE-38	78
56 BSA	XA 1929	Town Hall	100	n St., Hampton, N.Y.	516-	EE-39	78
✓ 65 BSA	YA 2154	Hospital	100	Box Place Northport, N.Y.	516-	DD-39	78
69 BSA	YA 3839	EOC	100	Antigo Rd., East Hampton, N.Y.	516-	EE-40	78
74 BSA	YA 2349	EOC	100	Main Rd. Shelter Island, N.Y.	516-	DD-39	78
✓ 73 BSA	BR 5148	Fire	100	Sedgemere Rd., Montauk, N.Y.	516-	DD-41	78
✓ 66 BSA	YA 3461	Hospital	100	Plum Island	516-	CC-40	78
✓ 83 BSA	XA 7026	Police	100	Rte. 25, Coram, N.Y.	516-	EE-36	77

Instructions For Preparing Form Rad-1K

This Form is for use in preparing Appendix 3.b. (1), Roster of Key Fixed Monitoring Stations Established and Equipped, to Local, District, and State Radiological Intelligence Section Annexes. KFMS requirements for each jurisdiction are described in RDAM 2-7. Data used in filling out this Appendix should be based on current on-site-inspection information and Form Rad-1H.

1. Enter the name of the jurisdiction on the top line at the upper right corner of the form. Also enter the date of preparation of the Appendix, that is the current date of the information.
2. Indicate page number in space provided.
3. Item 1: Enter the KFMS station number and the three letter designator. Note: The station number should precede the 3-letter designator. (See RDAM 11-2, Ch.II.E). The county EOC is usually identified by only the 3-letter designator and should appear first on the roster (See RDAM 2-7, Attachment 2.2 or RDAM 4-4, Pg. A13 for lists of 3-letter designators assigned to the various jurisdictions).
4. Item 2: Enter UTM coordinates of the station as determined by procedures described in RDAM 10-8.
5. Item 3: Identify type of facility such as: fire station, police station, school, armory, radio station, hospital, etc.
6. Item 4: Show the Protection Factor (PF) of the station (See RDAM 11-2, Ch.X.3). Do not use the category number from the Facility Listings but convert category to PF according to the following table unless the exact PF has been determined:

Protection Factor (PF)

A number used to express the relationship between the amount of fallout gamma radiation that would be received by an unprotected person and the amount that would be received by a person in shelter. An occupant of a shelter with a PF of 40 would be exposed to a dose rate 1/40th (2½%) of the rate to which he would be exposed if his location were unprotected.

Protection Factor Categories

The National Fallout Shelter Survey places each shelter space in a category having the following minimum and maximum PF limits:

Category	PF	Category	PF
1	20-39	5	150-249
2	40-79	6	250-499
3	80-99	7	500-1,000
4	100-149	8	Over 1,000

7. Items 5 + 6: Self explanatory.
8. Item 7 Key Grid Square: See RDAM 2-7 and Attachments in the Attach. 2. series for Key FMS Grid maps and procedure for identifying Key Grid squares.
9. Item 8 DCPA Reporting Area: Not applicable at local level (See RDAM 2-5, App. II.A.2).

**NEW YORK STATE
FMS FALLOUT MEASUREMENT AND REPORTING PLAN**

PERIOD	MEASUREMENT AND TIME OF MEASUREMENT	DEADLINES FOR REPORTING				
		Secondary FMS to Primary FMS	Primary FMS to Local CC	*Local CC to District	*District to State	*State to CD Region One
(a) Between Attack Warning and Fallout Arrival	When dose rate is < 0.5 r/hr, observe instrument regularly, at least every 10 minutes. Report NO FALLOUT every hour. (See Form Rad 2)	10 minutes after the hour of measurement (1010 and 2210)	20 minutes after the hour of measurement (1020 and 2220)	30 minutes after the hour of measurement (1030 and 2230) See RDAM 2-5, App. 3.b. for EFMS list.	45 minutes after the hour of measurement (1045 and 2245)	As required by OCPA Regional Plans for Emergency Operations Reporting See also RDAM 2-5 App. 2.a. (2)
(b) Fallout Arrival (F)	When dose rate is > 0.5 r/hr, transmit flash report of FALLOUT arrival. (See Form Rad 2)	Immediately after measurement	Upon receipt	Upon receipt of representative number of reports	Upon receipt of representative number of reports	
(c) F + 0 thru F + 24 hours	DOSE RATE: Hourly on the hour (See Form Rad 2) DOSE: Twice daily at 1000 and 2200	10 minutes after the hour of measurement	20 minutes after the hour of measurement	30 minutes after the hour of measurement, KEY FMS ONLY or as indicated.***	40 minutes after the hour of measurement, KEY FMS ONLY or as indicated.***	
(d) F + 25 thru F + 48 hours	DOSE RATE: Every 3 hours at 0100, 0400, 0700, 1000, 1300, 1600, 1900, 2200 DOSE: Twice daily at 1000 and 2200	10 minutes after the hour of measurement	20 minutes after the hour of measurement	30 minutes after the hour of measurement, KEY FMS ONLY or as indicated.***	40 minutes after the hour of measurement, KEY FMS ONLY or as indicated.***	
(e) F + 49 thru F + 72 hours	DOSE RATE: Every 6 hours at 0400, 1000, 1600, 2200 DOSE: Twice daily at 1000 and 2200	10 minutes after the hour of measurement	20 minutes after the hour of measurement	30 minutes after the hour of measurement, KEY FMS ONLY or as indicated.***	40 minutes after the hour of measurement, KEY FMS ONLY or as indicated.***	
(f) After F + 72 hours	DOSE RATE AND DOSE: Twice daily at 1000 and 2200	10 minutes after the hour of measurement (1010 and 2210)	20 minutes after the hour of measurement (1020 and 2220)	30 minutes after the hour of measurement, KEY FMS ONLY or as indicated. (1030 and 2230)***	40 minutes after the hour of measurement, KEY FMS ONLY or as indicated. (1040 and 2240)***	

(Record data on RDAM 2-5, App. 2.a. (1))

* These jurisdictions also transmit reports to subordinate and adjacent jurisdictions.

** Specify either EST or EDT.

*** Inoperable KEY FMS* may be replaced by an alternate FMS (not previously designated).

1 All dose rate and dose reports are to be based on unsheltered readings. Dose rates which equal or exceed 1 r/hr are to be reported in the nearest whole r/hr, dose rates less than 1 r/hr are to be reported in milliroentgens. All dose reports are to be cumulative from arrival of fallout to the time of measurement.

2 If at any time following a period of decay, the dose rate suddenly increases, a special report should be filed immediately and a new schedule of measurements initiated, starting with period C above.

3 The symbol "F" is used to represent "time of fallout arrival" - "F + (a number)" represents "time in hours after fallout arrival"

FMS stands for "Fixed Monitoring Station"
EST stands for "Eastern Standard Time"
< stands for "less than"
> stands for "greater than"
= stands for "equal to or greater than"

Form DMNA Rad 4
Rev. August 1977

Note: State Net FMS's will report through their respective agency data collection points such as DSP Troop Hq., DOT District Offices etc., to agency headquarters. Agency Hq. will submit consolidated reports using format such as Form Rad-3 to ODP Radiological Intelligence as in District to State schedule above.

See also PLAN 11-2)

EMERGENCY OPERATIONS PLAN
Annex K (RDAM 2-5) APP. 2.a. PR. 15
RADIOLOGICAL INTELLIGENCE SECTION

State of New York

**NEW YORK STATE
FMS FALLOUT MEASUREMENT AND REPORTING PLAN**

PERIOD	MEASUREMENT AND **RATE OF MEASUREMENT	DEADLINES FOR REPORTING				
		Secondary FMS to Key FMS	Key FMS to Local CC	*Local CC to District	*District to State	*State to CD Region One
(a) Between Attack Warning and Fallout Arrival	When dose rate is < 0.5 r/hr. observe instrument regularly, at least every 10 minutes. Report NO FALLOUT every hour	10 minutes after hour of measurement (1010 and 2210)	20 minutes after the hour of measurement (1020 and 2220)	30 minutes after the hour of measurement (1030 and 2230) *** (See RDAM 2-5, App. 3.b for KFMS list)	45 minutes after the hour of measurement (1045 and 2245)	As required by EPA Regional Plans for Emergency Operations Reporting See also RDAM 2-5 App.2.a(2)
(b) Fallout Arrival (F)	When dose rate is ≥ 0.5 r/hr. transmit flash report of FALL- OUT arrival. (See Form Rad-2)	Immediately after measurement	Upon receipt	Upon receipt of repre- sentative number of reports	Upon receipt of repre- sentative number of reports	
(c) F + 00 F + 24 hours	DOSE RATE: Hourly on the hour (See Form Rad-2) DOSE: Twice daily at 1000 and 2200	10 minutes after the hour of measurement	20 minutes after the hour of measurement	30 minutes after the hour of measurement, KEY FMS ONLY or as indicated.***	40 minutes after the hour of measurement, KEY FMS ONLY or as indicated.***	
(d) F + 25 thro F + 48 hours	DOSE RATE: Every 3 hours at 0100, 0400, 0700, 1000, 1300, 1600, 1900, 2200 DOSE: Twice daily at 1000 and 2200	10 minutes after the hour of measurement	20 minutes after the hour of measurement	30 minutes after the hour of measurement, KEY FMS ONLY or as indicated.***	40 minutes after the hour of measurement, KEY FMS ONLY or as indicated.***	
(e) F + 49 thro F + 72 hours	DOSE RATE: Every 6 hours at 0400, 1000, 1600, 2200 DOSE: Twice daily at 1000 and 2200	10 minutes after the hour of measurement	20 minutes after the hour of measurement	30 minutes after the hour of measurement, KEY FMS ONLY or as indicated.***	40 minutes after the hour of measurement, KEY FMS ONLY or as indicated.***	
(f) After F + 72 hours	DOSE RATE AND DOSE Twice daily at 1000 and 2200	10 minutes after the hour of measurement (1010 and 2210)	20 minutes after the hour of measurement (1020 and 2220)	30 minutes after the hour of measurement, KEY FMS ONLY or as indicated. (1030 and 2230)***	40 minutes after the hour of measurement, KEY FMS ONLY or as indicated. (1040 and 2240)***	

* These jurisdictions also transmit reports to subordinate and adjacent jurisdictions.

Specify either EDT or EST

*** Inoperative Key FMS may be replaced by an alternate FMS as previously designated.
Form RAD-4

Rev. May 1978

- Note:
- All dose rate and dose reports are to be based on unsheltered readings. Dose rates which equal or exceed 1R/hr are to be reported to the nearest whole R/hr; dose rates less than 1R/hr are to be reported in millirent gens. All dose reports are to be cumulative from arrival of fallout to the time of measurement.
 - If at any time following a period of decay, the dose rate suddenly increases, a special report should be filed immediately and a new schedule of measurements initiated, starting with period C above.

- The symbol "F" is used to represent "time of fallout arrival" - "F + (a number)" represents "time in hours after fallout arrival".
FMS stands for "Fixed Monitoring Station"
EST stands for "Eastern Standard Time."
< stands for "less than"
> stands for "greater than"
≥ stands for "equal to or greater than"

NOTE: State Net FMS's will report through their respective agency data collection points such as ESP Troop Hq., DOT District Offices, etc., to agency headquarters. Agency Hq. will submit consolidated reports using format such as Form RAD-3 to ODP Radiological Intelligence as in District to State schedule above. (See also RDAM 11-2).

EMERGENCY OPERATIONS PLAN
Annex K, Appendix 2.a Pg. 1

WILLIAM E. REGAN, DIRECTOR
DEPARTMENT OF EMERGENCY PREPAREDNESS
COUNTY OF SUFFOLK
YAPHANK AVE., YAPHANK, N.Y. 11980
DEC 1980

RADICAL INTELLIGENCE SECTION
CONTROL CENTER FMS REPORT LOG

(3 letter designator)

H.F.H

	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	
Date																			
Time Station																			

James A. Sover
(CD jurisdiction)

WILLIAM E. REGAN, DIRECTOR
DEPARTMENT OF EMERGENCY PREPAREDNESS
COUNTY OF SUFFOLK
YAPHANK VILLAGE DEFENSE DISTRICT NO. 1

RADIOLOGICAL INTELLIGENCE SECTION

CONTROL CENTER FMS REPORT LOG

Date		Time		Station		Date	
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							

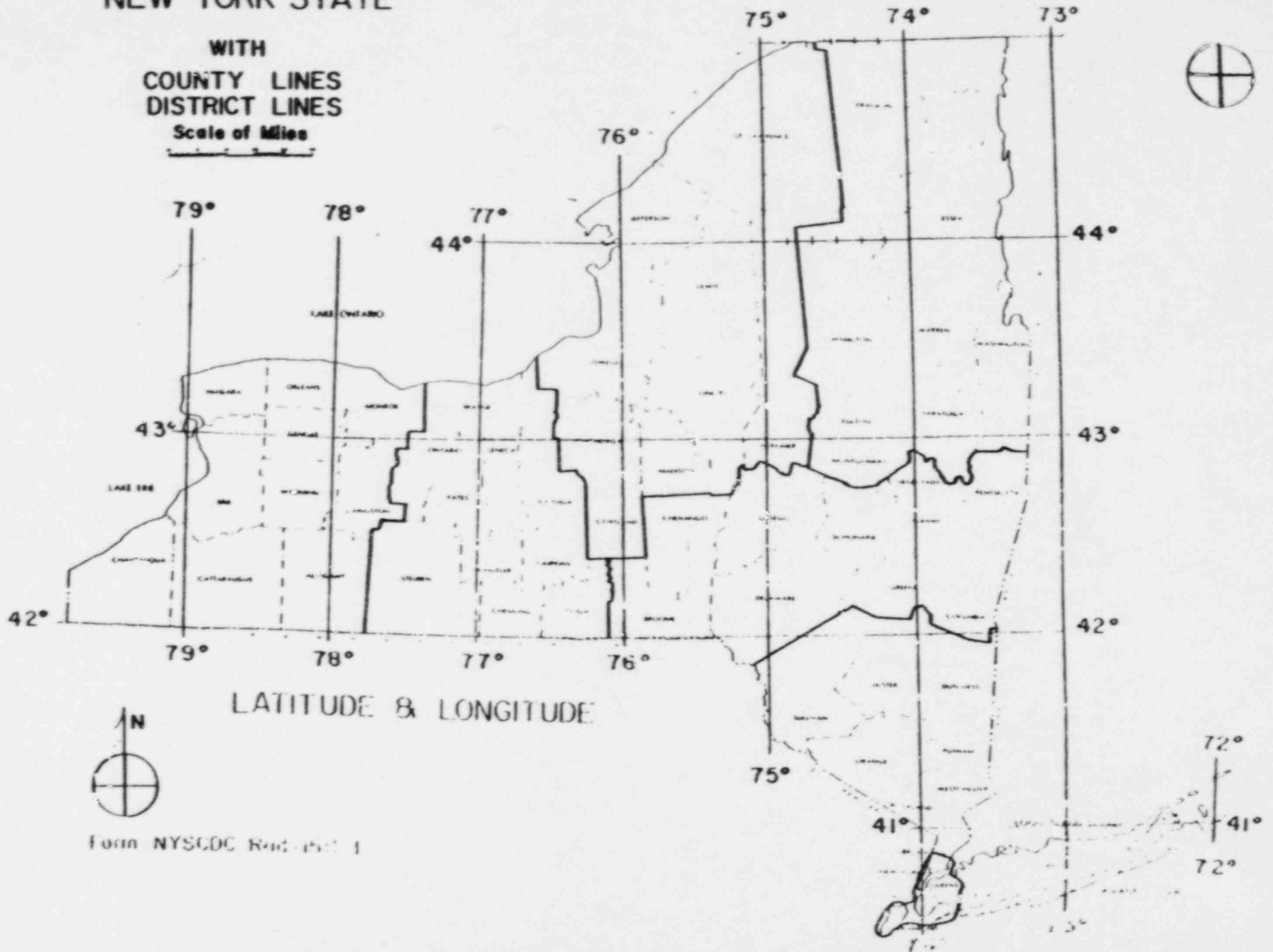
(3 letter designator)

(CD jurisdiction)

NEW YORK STATE

WITH
COUNTY LINES
DISTRICT LINES

Scale of Miles



LATITUDE & LONGITUDE



Form NYSCDC Rad-Pat 1

RADIOLOGICAL INTELLIGENCE SECTION
KEY FIXED MONITORING STATIONS (FMS)
CONTROL CENTER FMS REPORT LOG

SOUTHERN DISTRICT - DOS
(CD jurisdictions)

BSX

Date Time Site	(3 letter designator)																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
SOUTHERN DISTRICT - BSX																		
JMS-PS MB912																		
DUTCHESS COUNTY - BPK																		
62 NPL MA225																		
63 " " MB15																		
65 " " WBB16																		
67 " " XBS926																		
68 " " WAS896																		
69 " " XBI14																		
70 " " XBI912																		
HASSAULT COUNTY - BRA																		
000 BRA XA1515																		
102 " " XV0596																		
104 " " XV2394																		
201 " " XA1017																		
301 " " XA2325																		
303 " " XA2416																		
ORANGE COUNTY - POP																		
30P MA5686																		
111 " " MA6876																		
123 " " MA6492																		
131 " " MA3890																		
161 " " MA6860																		
183 " " MA5663																		
50Q MA4889																		
2 BOB MA2729																		

RADIOLOGICAL INTELLIGENCE SECTION
KEY FIXED MONITORING STATIONS (KFMS)
CONTROL CENTER FMS REPORT LOG

SOUTHERN DISTRICT - DOS
(CD jurisdiction)

BSX

Time Station	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
PUTNAM COUNTY - BPV																		
BPV XA1086																		
7 " XA1584																		
8 " XA0681																		
10 " XA9079																		
11 " XA1596																		
ROCKLAND COUNTY - RPE																		
RPE XA8556																		
4 " XA8263																		
14 " XA7351																		
20 " XA8765																		
SUFFOLK COUNTY - BSA																		
BSA XA7520																		
6 " XA6227																		
8 " XA3807																		
15 " XA5225																		
21 " XA5110																		
36 " XA6816																		
41 " XA7826																		
47 " XA9634																		
56 " YA1929																		
65 " YA2154																		
69 " YA3839																		
74 " YA2349																		
73 " BR5148																		
66 " YA3461																		
83 " XA7026																		

RADIOLOGICAL INTELLIGENCE SECTION
 KEY FREQUENCY MONITORING STATIONS (KFMS)
CONTROL CENTER FMS REPORT LOG

SOUTHERN DISTRICT - DOS

(CD predictions)

BSX

(3 letter designator)

Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
SULLIVAN COUNTY - BOH																		
BOH	WB2611																	
7 "	WB0525																	
12 "	WB9506																	
14 "	WA1591																	
20 "	WB1439																	
24 "	WB2127																	
37 "	WB3323																	
ULSTER COUNTY - BOT																		
2 BOT	WB6644																	
4 BOT	WB6151																	
5 "	WB4457																	
14 "	WB4815																	
15 "	WB8659																	
81 "	WB7522																	
87 "	WB6055																	
BOT	WB8013																	
WESTCHESTER COUNTY - BPR																		
BPR	XA0343																	
26 "	XA0662																	
27 "	XA1462																	
46 "	WA9949																	
76 "	XA0432																	
86 "	XA1139																	
CITY OF MOUNT VERNON - BFS																		
1 BFS	WA9729																	
CITY OF NEW ROCHELLE - BQT																		
BQT	XA0330																	
CITY OF PEEKSKILL - BPC																		
(NONE)																		

Form HSCMG R-1-3
 Revised January 1970

STATE OF NEW YORK
 Appendix II.A.1.DOS
 Pg. 3 of 4, Aug. 72

RADIOLOGICAL INTELLIGENCE SECTION ANNEX (PDAM 2-5)

RADIOLOGICAL INTELLIGENCE SECTION
KEY FIXED MONITORING STATIONS (KFMS)
CONTROL CENTER FMS REPORT LOG

BSX

SOUTHERN DISTRICT - DOS

(CD per instructions)

(3 letter designator)

Date	Time	Station	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
		CITY OF WHITE PLAINS - WPI																		
		WPI WA03A																		
		CITY OF YONKERS - NYQ																		
		1A NYQ WA933																		
		23 " WA9730																		

STATE FMS NETWORK
CIVIL AIR PATROL

(To be published at a later date)

MONITORING STATIONS ESTABLISHED AND EQUIPPED

Type Network State (FMS) *New York State Guard

BSG
 3-Letter Designator

1	Station No.	2. UTM Coordinates	3. Type of Facility	4. Protection Factor	5. Address (Street and City)
NORTHERN DISTRICT					
	333	XD2756	Armory	100	315 Champlain Street Ticonderoga, N.Y. Essex Co.
	332	WE5566	Armory	100	116 West Main Street Malone, N.Y. Franklin Co.
	330	WE6908	Armory	100	State Road - Rte. 3 Saranac Lake, N.Y. Franklin Co.
	324	WC5367	Armory	100	87 Washington St. Gloversville, N.Y. Fulton Co.
	320	WC6654	Armory	100	Florida & Dewitt Sts. Amsterdam, N.Y. Montgomery Co.
	323	WC9971	Armory	100	61 Lake Avenue Saratoga Springs, N.Y. Saratoga
	321	XC1096	Armory	100	Warren St. Warren Falls, N.Y. Warren Co.
	313	XD2924	Armory	100	Foultney St. Whitehall, N.Y. Washington Co.
EASTERN DISTRICT					
	J30	XC0223	Armory	100	195 Washington Avenue Albany, N.Y. Albany Co.
	300	XC0223	Armory	100	New Scotland Avenue Albany, N.Y. Albany Co.
	420	XB2460	Armory	100	85 West End Avenue Binghamton, N.Y. Broome Co.
	314	XB0278	Armory	100	Fifth & State Sts. Hudson, N.Y. Columbia Co.
	423	YB8970	Armory	100	139 Stockton St. Walton, N.Y. Delaware Co.
	303	WB9180	Armory	100	Route 23 Leeds, N.Y. Greene Co.
	411	VC9401	Armory	100	4 Academy St. Oneonta, N.Y. Otsego Co.
	312	XC3556	Armory	100	Church & Elm Sts. Hoosick Falls, N.Y. Rensselaer
	310	XC0931	Armory	100	Glenmore Road Troy, N.Y. Rensselaer Co.
	322	WC8740	Armory	100	125 Washington St. Schenectady, N.Y. Schenectady

Instructions For Preparing Form Rad-1F

1. Enter the name of the jurisdiction, the jurisdiction's 3-letter designator, and the date of form preparation in the spaces at the upper right of the form
2. Enter type of network, i.e., Fixed, Mobile, or Aerial, in the space at the upper left of the form.
3. In Column 1, enter only the number prefix assigned to the station since your 3-letter designator already appears in the upper right of the form. ☐ jurisdiction control centers which have been (and should be) established as FMS's are usually identified with only the 3-letter designator.
4. In Column 2, enter the UTM coordinates for each FMS location. The UTM coordinates for a station, for purposes of this report, should consist of two letters and only 4 digits. (See RDAM 10-8) Errors in determining the coordinates will result in errors regarding dose rate information received from these stations. Be sure that the scale (or size) of the UTM coordinate scale, matches the scale of the map you use.
5. In Column 3, indicate whether the FMS is a fire station, police station, warning point, post office, residence, etc.
6. In Column 4, enter the Protection Factor of the station such as 10, 40, 1,000 etc., not the "P.F. Category No." If the PF has not yet been determined, enter N/D. If the Counselling Service has been requested to make a determination, not yet reported, enter D/R.
7. In Column 5, enter the street address and city or village in which the FMS is located. If located on a rural route, indicate as "5 miles south of _____." Use the nearest village as a reference point.

Note: "Stations Established and Equipped" is a monitoring station with two or more trained monitors and biological equipment in place at that location, and at least one of communication available.

MONITORING STATIONS ESTABLISHED AND EQUIPPEDType Network State (FMS) *New York State Guard

BSG

3-Letter Designator

1. Station No.	2. UTM Coordinates	3. Type of Facility	4. Protection Factor	5. Address (Street and City)
CENTRAL DISTRICT				
403	VC0317	Armory	100	25 Wheeler Avenue Cortland, N.Y. Cortland Co.
433	VD5169	Armory	100	1 Park Drive Carrhage, N.Y. Jefferson Co.
432	VD2769	Armory	100	327 Mullin St. (NYNM) Watertown, N.Y. Jefferson Co.
402	VC4872	Armory	100	217 Cedar Street Oneida, N.Y. Madison Co.
410	VC8272	Armory	100	Parkway East Utica, N.Y. Oneida Co.
412	VC6384	Armory	100	1110 Black River Bld. Rome, New York Oneida Co.
404	VC0665	Armory	100	236 W. Jefferson St. Syracuse, N.Y. Onondaga Co.
400	VC0665	Armory	100	1005 East Genesee St. Syracuse, N.Y. Onondaga Co.
431	VD7812	Armory	100	265 West First St. Oswego, N.Y. Oswego Co.
331	VE6148	Armory	100	225 Elizabeth Street Ogdensburg, N.Y. St. Lawrence Co.
LAKE DISTRICT				
430	UC7255	Armory	100	174 South Street Auburn, N.Y. Cayuga Co.
525	UC3848	Armory	100	300 Main Street Geneva, N.Y. Ontario Co.
524	UB3168	Armory	100	Centerway Corning, N.Y. Steuben Co.
523	TR8189	Armory	100	100 Seneca Street Hornell, N.Y. Steuben Co.
WESTERN DISTRICT				
504	QS1263	Armory	100	119 Times Square Olean, N.Y. Cattaraugus Co.
502	PT3805	Armory	100	Main & Newton Sts. Dunkirk, N.Y. Chautauqua Co.
505	PS4662	Armory	100	Porter Ave. & Front St. Jamestown, N.Y. Chautauqua Co.
500	PT7350	Armory	100	1015 West Delavan Ave. Buffalo, N.Y. Erie Co.

Instructions For Preparing Form Rad-1F

1. Enter the name of the jurisdiction, the jurisdiction's 3-letter designator, and the date of form preparation in the spaces at the upper right of the form.
2. Enter type of network, i.e., Fixed, Mobile, or Aerial, in the space at the upper left of the form.
3. In Column 1, enter only the number prefix assigned to the station since your 3-letter designator already appears in the upper right of the form. ☐ jurisdiction control centers which have been (and should be) established as FMS's are usually identified with only the 3-letter designator.
4. In Column 2, enter the UTM coordinates for each FMS location. The UTM coordinates for a station, for purposes of this report, should consist of two letters and only 4 digits. (See RDAM 10-8) Errors in determining the coordinates will result in errors regarding dose rate information received from these stations. Be sure that the scale (or size) of the UTM coordinate scale, matches the scale of the map you use.
5. In Column 3, indicate whether the FMS is a fire station, police station, warning point, post office, residence, etc.
6. In Column 4, enter the Protection Factor of _____ as 10, 40, 1,000 etc., not the "P.F. Category No." If the PF _____ been determined, enter N/D. If the Counselling Service has been requested to make a determination, not yet reported, enter D/R.
7. In Column 5, enter the street address and city or village in which the FMS is located. If located on a rural route, indicate as "5 miles south of _____." Use the nearest village as a reference point.

Note: "Stations Established and Equipped" is defined as a monitoring station with two or more trained monitors assigned, the radiological equipment in place at that location, and at least one means of communication available.

MONITORING STATIONS ESTABLISHED AND EQUIPPEDType Network State (FMS) * New York State GuardBSC
3. Letter Designator

1. Station No.	2. UTM Coordinates	3. Type of Facility	4. Protection Factor	5. Address (Street and City)
WESTERN DISTRICT				
500	PT7350	Armory	100	27 Masten Avenue Buffalo, New York Erie Co.
501	PT7350	Armory	100	184 Connecticut St. Buffalo, N.Y. Erie Co.
503	PT7364	Armory	100	79 Delaware St. Tonawanda, N.Y. Erie Co.
514	QT2964	Armory	100	235 State St. Batavia, N.Y. Genesee Co.
522	TC7144	Armory	100	34 Avon Road Genesee, N.Y. Livingston Co.
520	TC9082	Armory	100	145 Culver Road Rochester, N.Y. Monroe Co.
521	TC9082	Armory	100	10 East Main St. Rochester, N.Y. Monroe Co.
512	PT8782	Armory	100	158 Willow Street Lockport, N.Y. Niagara Co.
510	PT5973	Armory	100	901 Main Street Niagara Falls, N.Y. Niagara Co.
513	QT1388	Armory	100	Pearl & Prospect Sts. Medina, N.Y. Orleans Co.
SOUTHERN DISTRICT				
612	WB8917	Armory	100	61 Market St. Poughkeepsie, N.Y. Dutchess Co.
210	XA2102	Armory	100	63 Babylon Turnpike Freeport, N.Y. Nassau Co.
020	XA2008	Armory	100	216 Washington St. Hempstead, N.Y. Nassau Co.
610	WA8295	Armory	100	355 S. William St. Newburgh, N.Y. Orange Co.
614	WA8844	Armory	100	Orangeburg Road Orangeburg, N.Y. Rockland Co.
212	XA6808	Armory	100	70 Brentwood Road Bayshore, N.Y. Suffolk Co.
211	XA3425	Armory	100	100 E. Fifth St. Huntington Sta., N.Y. Suffolk
214	XA5223	Armory	100	Box 184, Smithtown Blvd. Nesconset, N.Y. Suffolk Co.
213	XA6716	Armory	100	100 Barton Ave. Patchogue, N.Y. Suffolk Co.

Instructions For Preparing Form Rad-1F

1. Enter the name of the jurisdiction, the jurisdiction's 3-letter designator, and the date of form preparation in the spaces at the upper right of the form.
2. Enter type of network, i.e., Fixed, Mobile, or Aerial, in the space at the upper left of the form.
3. In Column 1, enter only the number prefix assigned to the station since your 3-letter designator already appears in the upper right of the form. ☐ jurisdiction control centers which have been (and should be) established as FMS's are usually identified with only the 3-letter designator.
4. In Column 2, enter the UTM coordinates for each FMS location. The UTM coordinates for a station, for purposes of this report, should consist of two letters and only 4 digits. (See RDAM 10-8) Errors in determining the coordinates will result in errors regarding dose rate information received from these stations. Be sure that the scale (or size) of the UTM coordinate scale, matches the scale of the map you use.
5. In Column 3, indicate whether the FMS is a fire station, police station, warning point, post office, residence, etc.
6. In Column 4, enter the Protection Factor of the station such as 10, 40, 1,000 etc., not the "P.F. Category No." If the PF has not yet been determined, enter N/D. If the Counselling Service has been requested to make a determination, not yet reported, enter D/R.
7. In Column 5, enter the street address and city or village in which the FMS is located. If located on a rural route, indicate as "5 miles south of _____." Use the nearest village as a reference point.

Note: "Stations Established and Equipped" is _____ monitoring station with two or more trained monitors assigned, the radiological equipment in place at that location, and at least one means of communication available.

MONITORING STATIONS ESTABLISHED AND EQUIPPED

Type Network State(FMS) * New York State Guard

BSG

1. Station No.	2. UTM Coordinates	3. Type of Facility	4. Protection Factor	5. Address (Street and City)
SOUTHERN DISTRICT				
215	XA9731	Armory	100	1405 Old Country Road Riverhead, N.Y. Suffolk Co.
611	WB8341	Armory	100	North Main St. Kingston, N.Y. Ulster Co.
603	WA9559	Armory	100	Route 91 Ossining, N.Y. Westchester Co.
060	WA9172	Armory	100	955 Washington Street Peekskill, N.Y. Westchester Co.
602	XA0443	Armory	100	Mitchell St. Yonkers, N.Y. Westchester Co.
600	WA9333	Armory	100	127 North Broadway Yonkers, N.Y. Westchester Co.
NEW YORK CITY				
111	WA9722	Armory	100	1122 Beach Street Bronx, N.Y.
1	WA9327	Armory	100	29 West 142nd Street Bronx, N.Y.
200	WA9000	Armory	100	1322 Broadway Brooklyn, N.Y.
201	WA9000	Armory	100	1402 Broadway Brooklyn, N.Y.
202	WA9000	Armory	100	355 Manhattan Avenue Brooklyn, N.Y.
203	WA9000	Armory	100	1579 Broadway Brooklyn, N.Y.
100	WA8615	Armory	100	125 W. 11th Street Manhattan, N.Y.
101	WA8618	Armory	100	56 W. 11th Street Manhattan, N.Y.
103	WA9124	Armory	100	216 W. 11th Street Manhattan, N.Y.
110	WA8712	Armory	100	643 W. 11th Street Manhattan, N.Y.
114	WA8610	Armory	100	68 W. 11th Street Manhattan, N.Y.
120	WA9019	Armory	100	2366 Broadway Manhattan, N.Y.
106	XA0115	Armory	100	137-10 41st Avenue Flushing, N.Y.

Instructions For Preparing Form Rad-1F

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5. In Column 3, indicate whether the FMS is a fire station, police station, warning point, post office, residence, etc.
6. In Column 4, enter the Protection Factor of the station such as 10, 40, 1,000 etc., not the "P.F. Category No." If the PF has not yet been determined, enter N/D. If the Counselling Service has been requested to make a determination, not yet reported, enter D/R.
7. In Column 5, enter the street address and city or village in which the FMS is located. If located on a rural route, indicate as "5 miles south of _____." Use the nearest village as a reference point.

Note: "Stations Established and Equipped" is defined as a monitoring station with two or more trained monitors as well as biological equipment in place at that location, and at least one telephone of communication available.

MONITORING STATIONS ESTABLISHED AND EQUIPPED

Type Network State (FMS) *New York State Guard

BSG

3-Letter Designator

1. Station No.	2. UTM Coordinates	3. Type of Facility	4. Protection Factor	5. Address (Street and City)
NEW YORK CITY				
205	XA0403	Armory	100	93-05 168th Street Jamaica, N.Y. Queens
104	WV7293	Armory	100	321 Manor Road Staten Island, N.Y.
*These stations are part of the State Fixed Monitoring Station Network. Local CD Directors should neither request additional instruments for these stations nor should they be counted by local civil defense as stations established and equipped by local CD (see RDAM 11, Section V.)				

Instructions For Preparing Form Rad-1F

1. Enter the name of the jurisdiction, the jurisdiction's 3-letter designator, and the date of form preparation in the spaces at the upper right of the form
2. Enter type of network, i.e., Fixed, Mobile, or Aerial, in the space at the upper left of the form.
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MONITORING STATIONS ESTABLISHED AND EQUIPPEDType Network State (FMS)* - N.Y.S. Dept. of TransportationBPW
3. Letter Designator

1. Station No.	2. UTM Coordinates	3. Type of Facility	4. Protection Factor	5. Address (Street and City)
<u>REGION I</u>				
1-1	WC9823	DOT Resident Engineer Office	100	Main St., Voorheesville, N.Y. Albany Co.
1-2	XD1297	"	"	Elizabethtown, N.Y. Rte. 9N, Essex Co.
1-3	WB8384	"	"	County Rte. 84, Cairo, N.Y. Greene Co.
1-4	XC0823	"	"	Rte. 4 & 43, Defreestville, N.Y. Rensselaer Co.
1-5	WC9869	"	"	West Avenue, Saratoga Springs, NY Saratoga Co.
1-6	WCB440	"	"	8008 Chrisler Ave. Ext. Schenectady, NY, Schenectady Co.
1-7	WD9918	"	"	Main St., Warrensburg, N.Y. Warren Co.
1-8	XC1695	"	"	Burgoyne Ave., Hudson Falls, N.Y. Washington Ave.
1-9	XC0738	Highway Shop	"	21 Ninth St., Waterford, N.Y. Saratoga Co.
1-10	XD2813	Div. of Canals	"	Lock 11, Champlain Comstock, NY, Washington Co.
1-11	WC8047	"	"	Lock 9, Erie Rotterdam, N.Y., Schenectady Co.
1-12	XC1042	Div. of Canals Champlain Canal	"	Lock 1, Champlain Waterford, N.Y., Saratoga Co.
1-13	WC9242	Div. of Canals	"	Chamber Ferry, N.Y. Saratoga Co.
<u>REGION II</u>				
2-1	VC8174	Region Office	"	109 North Genesee St., Utica, N.Y. Oneida Co.
2-2	VC8770	Highway Main Garage	"	Harbor Lock Rd., Utica, N.Y. Oneida Co.
2-3	VC6386	Residence	"	6515 Rome-Lovell Rd., Rte. 26, Rome, N.Y., Oneida Co.
2-4	WC0063	Residence	"	Fifth Ave., Herkimer, N.Y. Herkimer Co.
2-5	WC3550	Residence	"	East Main St., Canajoharie, N.Y. Montgomery Co.
2-6	WC5156	Div. of Canals	"	Barge Canal Terminal, Ponda, N.Y. Montgomery Co.
2-7	WC5060	Residence	"	15 Pennsylvania Ave., Johnstown, N.Y., Fulton Co.
2-8	VC4573	Residence	"	635 Lenox Ave., Oneida, N.Y. Madison Co.

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MONITORING STATIONS ESTABLISHED AND EQUIPPED

Type Network State (FMS)* - N.Y.S. Dept. of Transportation BPW
 3-Letter Designator

1. Station No.	2. UTM Coordinates	3. Type of Facility	4. Protection Factor	5. Address (Street and City)
2-9	WD6047	Residence	100	Indian Lake, N.Y. Hamilton Co.
<u>REGION III</u>				
3-1	VC0665	Region Office	"	State Office Bldg., 333 E. Wash. St. Syracuse, N.Y., Onondaga Co.
3-2	VC0876	Res. Eng. Office	7204	South Bay Rd., N. Syracuse, N.Y. Onondaga Co.
3-3	UC9366	" " "	"	3900 Onondaga Blvd., Camillus, NY Onondaga Co.
3-4	VC7255	" " "	"	151 Dunning Ave. Cayuga Co.
3-5	VC0317	" " "	"	West Rd. Cattaraugus Co.
3-6	UC3067	" " "	"	Route 31 Wayne Co.
3-7	VD0012	" " "	"	Route 3, Mexico, N.Y. Osvego Co.
3-8	UC4852	" " "	"	W. Huff Street Ext., Waterloo, N.Y., Seneca Co.
3-9	UC9366	Region Shop	"	7220 S. Bay Rd., N. Syracuse, NY Onondaga Co.
3-10	VC0665	Barge Canal Terminal	"	425 Solar Street Syracuse, N.Y., Onondaga Co.
3-11	UC7600	Res. Eng. Office	"	Thruway Extension Ithaca, N.Y., Tompkins Co.
3-12	UC3870	Barge Canal Lock 28A	"	Route 31 Lyons, N.Y., Wayne Co.
<u>REGION IV</u>				
4-1	TC8882	Region Office	"	Barge Canal Term. Bldg. (Monroe Co) Harbor Blvd., Rochester, N.Y.
4-2	TC9574	Canal Shop	"	3837 Monroe Ave., Pittsford, N.Y. Monroe Co.
4-3	TC7042	Res. Eng. Office	"	117 Center St., Geneseo, N.Y. Livingston Co.
4-4	QT3536	" " "	"	South Main St., Warsaw, N.Y. Wyoming Co.
4-5	QT2964	" " "	"	145 Walnut St., Batavia, N.Y. Genesee Co.
4-6	TC7285	" " "	"	2541 Union St., Spencerport, N.Y. Monroe Co.
4-7	QT2992	Res. Eng. Office	"	141 N. Liberty St., Albion, N.Y. Orleans Co.
4-8	UC1451	" " "	"	125 Parrish St., Canandaigua, NY Ontario Co.

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MONITORING STATIONS ESTABLISHED AND EQUIPPED

Type Network State (FMS)* - N.Y.S. Dept. of Transportation BPW
3-Letter Designator

1. Station No.	2. UTM Coordinates	3. Type of Facility	4. Protection Factor	5. Address (Street and City)
<u>REGION V</u>				
5-1	PS2476	Res. Eng. Office	100	Chautaugus St., Mayville, N.Y. Chautaugus Co.
5-2	PT8882	" " "	"	500 West Ave. Lockport, N.Y., Niagara Co.
5-3	PT8230	" " "	"	3754 Lakeview Rd., Hamburg, N.Y. Erie Co.
5-4	PT8850	" " "	"	Broadway & Indian Rd. Depew, N.Y., Erie Co.
5-5	PS8770	" " "	"	Salamanca-Little Valley Rd. Salamanca, N.Y., Cattaraugus Co.
<u>REGION VI</u>				
6-2	QS3677	Resident	"	Branch St. Tonawanda, N.Y., Allegany Co.
6-3	UB2369	"	"	Painted Post, N.Y. Steuben Co.
6-4	UB4594	"	"	Rte. 414 & 16., Watkins Glen, N.Y. Schuyler Co.
6-1	TB8189	District Office	"	30 West Main St., Hornell, N.Y. Steuben Co.
6-5	UB9563	Resident	"	Upper North Ave., Owego, N.Y. Tioga Co.
<u>REGION VII</u>				
7-1	VD3070	Region Office & Shop	"	444 Van Duzee St., Watertown, NY Jefferson Co.
7-2	WE5567	Res. Eng. Office	"	Constable St., Malone, N.Y. Franklin Co.
7-3	VD6050	" " "	"	Bostwick St., Lowville, N.Y. Lewis Co.
<u>REGION VIII</u>				
8-2	XB6375	" " "	"	11 Union Turnpike, Hudson, NY Columbia Co.
8-1	WB9315	Region 8 Off.	"	28 Dutchess Tnpk., Poughkeepsie, NY Dutchess Co.
8-3	XB1703	Res. Eng. Office	"	44 E. Main St., Pawling, N.Y. Dutchess Co.
8-4	WA4892	" " "	"	112 Dickson St., Newburgh, N.Y. Orange Co.
8-5	WA4885	" " "	"	Montgomery Rd., Middletown, N.Y. Orange Co.
8-6	WA8555	Res. Eng. Office	"	2A Ridge Rd., New City, N.Y. Rockland Co.
8-7	WB7740	" " "	"	11 Quarry St., Kingston, N.Y. Ulster Co.
8-8	XA0867	" " "	"	19 Katonah Ave., Katonah, N.Y. Westchester Co.

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MONITORING STATIONS ESTABLISHED AND EQUIPPED

Type Network State (FMS)* - N.Y.S. Dept. of Transportation BPW
3 Letter Designator

1. Station No.	2. UTM Coordinates	3. Type of Facility	4. Protection Factor	5. Address (Street and City)
8-9 <u>REGION IX</u>	YA0347	Res. Eng. Office	100	Sawmill River Rd. Eastview, Valhalla, N.Y., Westchester Co.
9-1	VB2663	Region Shop	"	73 Frederick Street Binghamton, N.Y., Broome Co.
9-2	VB2962	Res. Eng. Office	"	Barlow Rd., RD #6 Binghamton, N.Y., Broome Co.
9-3	VB5199	" " "	"	Norwich-Oxford Rd. Oxford, N.Y., Chenango Co.
9-4	WB0683	" " "	"	Meridith St. Delhi, N.Y., Delaware Co.
9-5	VB7644	" " "	"	Beek Rd., Delhi, N.Y., Delaware Co.
9-6	VB9199	" " "	"	Lower Oneida St. Oneonta, N.Y., Otsego Co.
9-7	WC4224	" " "	"	West Main St., Rte. 7, Cobleskill, N.Y., Schoharie Co.
9-8	WB2711	" " "	"	Old Rte. 17, RD #2 Monticello, N.Y., Sullivan Co.
<u>REGION X</u> 10-1	YA4206	Region Office	"	325 West Main St. Babylon, L.I., N.Y., Suffolk Co.

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STATE FMS NETWORK
STATE POLICE

(To be published at a later date)

MONITORING STATIONS ESTABLISHED AND EQUIPPEDType Network State (FMS)* - New York State Police

BSP

3-Letter Designator

1. Station No.	2. UTM Coordinates	3. Type of Facility	4. Protection Factor	5. Address (Street and City)
<u>Troop A</u>				
1-A	QT 3064	Troop A (Hq)	100	Rte. 5, 669 Main St. East Batavia, N.Y. Genesee Co.
2-A	PT 6080	Zone 1		Rte. 265, Upper Mountain Rd., Lewiston, N.Y. Niagara Co.
3-A	PT 8888	Sub B		Rte. 104 - Rte. 78 Wrights Corners, N.Y. Niagara Co.
4-A	PT 7437	Zone 2		Rte. 5, 5424 Lakeshore Rd., Athol Springs, NY Erie Co.
5-A	PT 9561	Sub A		Rte. 5, Main Street Clarence, N.Y. Erie Co.
6-A	QT 3438	Sub C		Rte. 19, Buffalo Road Warsaw, N.Y. Wyoming Co.
7-A	PS 5266	Zone 3		Rte. 17, 509 E. Main Street Falconer, N.Y. Chautauque Co.
8-A	PS 3800	Sub A		Rte. 20, 273 East Main Street Fredonia, N.Y. Chautauque Co.
9-A	TB 5467	Zone 4		Rte. 17, Miller Road Wellsville, N.Y. Allegany Co.
10-A	QS 1161	Sub B		Rte. 17, 3224 W. State Rd. Allegany, N.Y. Cattaraugus Co.
<u>Troop B</u>				
1-B	WE 5568	Troop B (Hq)	100	Rte. 11, W. Main Street Franklin, N.Y. Franklin Co.
2-B	YE 2049	Zone 1		Rte. 87 Batavia, N.Y. Clinton Co.
3-B	VE 6247	Sub B		Rte. 37, 1200 N.Y. Ave., Ogdensburg, N.Y. St. Lawrence Co.
4-B	VE 9342	Zone 2		Rte. 11, Ames Road Canton, N.Y. St. Lawrence Co.
5-B	VE 6209	Sub B		320 E. Main Street Gouverneur, N.Y. St. Lawrence Co.
6-B	WE 0674	Sub B		East Orvis Street Massena, N.Y. St. Lawrence Co.
7-B	WE 7106	Zone 3		Rte. 86, Saranac Lake, N.Y. Essex Co.
8-B	XD 1895	Sub A		Rte. 9N, Rte. 87 Westport, NY Essex Co.
9-B	XD 0055	Sub C		Rte. 9, Schroon Lake, N.Y. Essex Co.
10-B	WE 9516	Sub B		Rte. 86, Wilmington, N.Y. Essex Co.

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MONITORING STATIONS ESTABLISHED AND EQUIPPED

Type Network State (FMS)* - New York State Police

BSP
3-Letter Designator

1. Station No.	2. UTM Coordinates	3. Type of Facility	4. Protection Factor	5. Address (Street and City)
<u>Troop C</u>				
1-C	VB 7286	Troop C (Hq)		Rte. 7. Unadilla, Sidney, N.Y. Delaware Co.
2-C	VB 9799	Zone 1		Rte. 23, Oneonta, N.Y. Otsego Co.
3-C	WC 0244	Sub C		Rte. 20, Richfield Springs, NY Otsego Co.
4-C	WB 3165	Sub B		Rte. 28, Margaretville, NY Delaware Co.
5-C	VC 5612	Sub B		Rte. 12 - Rte. 320 Norwich, NY Chenango Co.
6-C	VB 3259	Zone 2		Rte. 11 - Rte. 17 Kirkwood, NY Broome Co.
7-C	VB 6556	Sub C		Rte. 17, Oak Street Deposit, N.Y. Delaware Co.
8-C	UC 8101	Zone 3		Rte. 366 - Rte. 13, Varna, N.Y. Tompkins Co.
9-C	VC 0518	Sub A		Rte. 13, 6 Locust St., Cortland, N.Y. Cortland Co.
10-C	UB 9460	Sub B		Rte. 17, Owego Creek Bridge Owego, N.Y. Tioga Co.
<u>Troop D</u>				
1-D	VC 4968	Troop D (Hq)	10.	Genesee Street N.Y. Madison Co.
2-D	VC 7269	Zone 1		Clinton St., Ford, N.Y. Oneida Co.
3-D	WC 0163	Sub A		Rte. 5, Main Street Herkimer, N.Y. Herkimer Co.
4-D	VD 8205	Sub C		Rte. 12, Remsen Alder Creek, N.Y. Oneida Co.
5-D	VC 4849	Sub C		Rte. 20, Christian Hill Rd. Morrisville, N.Y. Madison Co.
6-D	VC 0371	Zone 2		441 Beechwood Ave., Syracuse, N.Y. Onondaga Co.
7-D	VC 8697	Sub B		Rte. 3, 12th Street Fulton, N.Y. Oswego Co.
8-D	VD 2776	Zone 3		Rte. 37 - Rte. 342 Watertown, N.Y. Jefferson Co.
9-D	VE 2406	Sub C		Rte. 12 - Rte. 81 Jefferson Co. Alexandria Bay, N.Y.
10-D	VD 6049	Sub B		Rte. 12 - Rte. 26, Lowville, N.Y. Lewis Co.

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MONITORING STATIONS ESTABLISHED AND EQUIPPEDType Network State (FMS)* - New York State Police

RSP
3-Letter Designator

1. Station No.	2. UTM Coordinates	3. Type of Facility	4. Protection Factor	5. Address (Street and City)
11-D	VC 1023	Sub B		Rte. 2A, Centerville Rd., Pulaski, N.Y. Oswego Co.
12-D	VC 1049	Sub B		Rte. 11 - I 81 Lafayette, NY Onondaga Co.
Troop E 1-E	UC 0958	Troop E (Ho)	100	Rte. 332 - Rte. 96 Canandaigua, NY Ontario Co.
2-E	TC 8873	Zone 1		97 Ridgeland Rd., Rochester, NY Monroe Co.
3-E	TC 6291	Sub A		8423 Ridge Rd. West, Rts. 19 & 104, Clarkson, NY Monroe Co.
4-E	TC 6940	Sub A		Rte. 63 - Rte. 20A, Geneseo, N.Y. Livingston Co.
5-E	UC 6954	Zone 2		Rte. 5 - Rte. 20, Auburn, NY Cayuga Co.
6-E	UC 4651	Sub A		Rte. 20 - Rte. 5, Waterloo, N.Y. Seneca Co.
7-E	UC 2768	Sub A		Rte. 31, Union Street, Newark, N.Y. Wayne Co.
8-E	UC 2289	Sub C		249 Highway 104, Williamson, N.Y. Wayne Co.
9-E	UB 0494	Zone 3		Rte. 15, Bath, N.Y. Steuben Co.
10-E	UB 2770	Sub A		Rte. 15, Painted Post, N.Y. Steuben Co.
11-E	UB 4969	Zone 4		Rte. 14, Horseheads, N.Y. Chemung Co.
12-E	UC 3928	Sub B		Rte. 14, Lake St., Dresden, N.Y. Yates Co.
13-E	TC 8316	Sub C		Rte. 15, Main St. Wayland, N.Y. Steuben Co.
14-E	UC 5387	Sub C		Rte. 104, W. Main St., Wolcott, N.Y. Wayne Co.
Troop F 1-F	WA 5390	Troop F (Ho)	100	Rte. 17, Crystal Run Rd., Middletown, N.Y. Orange Co.
2-F	WB 2225	Zone 1		Rte. 175 - Rte. 52 Ferndale, N.Y. Sullivan Co.
3-F	WA 6778	Zone 2	6	Rte. 208 - Rte. 17, Monroe, N.Y. Orange Co.
4-F	WA 7695	Sub A		Rte. 17K - TWY 17, Newburgh, N.Y. Orange Co.

*These stations are part of the State Fixed Monitoring Station Network. Local CD Directors should neither request additional instruments for these stations nor should they be counted by local civil defense as stations established and equipped by local CD (See RDAM-II, Sec. V)

MONITORING STATIONS ESTABLISHED AND EQUIPPEDType Network State (FIS)* - New York State Police

BSP

3. Letter Designator

1. Station No.	2. UTM Coordinates	3. Type of Facility	4. Protection Factor	5. Address (Street and City)
5-F	WA 8564	Sub B		Rte. 9W - Rte. 210, Stony Point, N.Y. Rockland Co.
6-F	WB 8243	Zone 3		Rte. 9W - Rte. 209, Kingston, N.Y. Ulster Co.
7-F	WB 8624	Sub C		Rte. 9W - Rte. 299, Highland, N.Y. Ulster Co.
8-F	WB 5424	Sub B		Rte. 209 - Rte. 55, Wavering, N.Y. Ulster Co.
9-F	WB 9078	Sub C		Rte. 23, Leeds Flat, Leeds, N.Y. Greene Co.
<u>Troop G</u>				
1-G	XC 0129	Troop G (Hq)	10	Spring Rd., Alle, N.Y. Albany Co.
2-G	XC 1435	Zone 1		809 Hoosick Rd., Brunswick, NY Rensselaer Co.
3-G	XC 0716	Sub A		Rte. 9 - Rte. 20, E. Greenbush, NY Rensselaer Co.
4-G	WC 9711	Sub B		Rte. 9W, Lasher Rd., Selkirk, NY Albany Co.
5-G	XC 0789	Zone 2		Rte. 9 - Rte. 197, S. Glens Falls, N.Y. Saratoga Co.
6-G	WC 9959	Sub A		Rte. 9 - Rte. 67, Saratoga, N.Y. Saratoga Co.
7-G	WC 5055	Zone 3		1st St., East St., Fonda, NY Montgomery Co.
8-G	WC 7134	Sub A		Rte. 7, Duane Ave., Duanesburg, NY Schenectady Co.
<u>Troop K</u>				
1-K	XA 0055	Troop K (Hq)	100	Taconic Pkwy., Hawthorne Circle, Hawthorne, NY Westchester Co.
2-K	WA 9298	Zone 1	7	Rte. 52 - Rte. 9, Fishkill, NY Dutchess Co.
3-K	WB 8940	Sub A	10	Rte. 9 - Rte. 308, Rhinebeck, NY Dutchess Co.
4-K	YB 1722	Sub B	5	Rte. 22 - Rte. 343, Dover Plains, NY Dutchess Co.
5-K	YB 0575	Zone 2		Rte. 23 - Rte. 217, Claverack, NY Columbia Co.
6-K	YA 9531	Zone 3		Rte. 25, Riverhead, NY Suffolk Co.
7-K	WA 8972	Sub A		Rte. 6 - Rte. 202, Peekskill, N.Y. Westchester Co.

*These stations are part of the State Fixed Monitoring Station Network. Local CD Directors should neither request additional instruments for these stations nor should they be counted by local civil defense as stations established and equipped by local CD (See RDAM-II, Sec. V)

MONITORING STATIONS ESTABLISHED AND EQUIPPED

Type Network State (FMS)* - New York State Police

BSP
 3-Letter Designator

1. Station No.	2. UTM Coordinates	3. Type of Facility	4. Protection Factor	5. Address (Street and City)
8-K	WA 9977	Zone 4		Taconic Pkwy, Bryant Pond Rd., TWN Putnam Valley, Putnam Co.
9-K	XA 1797	Sub B		Rte. 22, Patterson, NY Putnam Co.
Troop T 1-T	XC 0019	Troop T (Hq)	100	TWY Exit 23, Albany, N.Y. Albany Co.
2-T	PT 5401	Troop T		TWY Exit 59, Fredonia, NY Chautauqua Co.
3-T	PT 8255	Troop T		TWY Exit 57, NY, Erie Co.
4-T	TC 8469	Troop T		NY, Monroe Co.
5-T	UC 5059	Troop T		NY, Seneca Co.
6-T	VC 1272	Troop T		TWY Exit 35, Syracuse, NY Onondaga Co.
7-T	VC 8772	Troop T		TWY Exit 31 Schuyler, NY Schuyler Co.
8-T	WC 5355	Troop T		TWY Exit 28, Fultonville, N.Y. Montgomery Co.
9-T	WB 8444	Troop T		TWY Exit 19 Kingston, NY Ulster Co.
10-T	WA 7994	Troop T		TWY Exit 17 Newburgh, NY Orange Co.
11-T	WA 9646	Troop T		TWY Exit 9 Tarrytown, NY Westchester Co.
12-T	XA 0128	Troop T		NE TWY, I 95 Exit 8, New Rochelle, NY Westchester Co.

These stations are part of the State Fixed Monitoring Station Network. Local CD Directors should neither request additional instruments for these stations nor should they be counted by local civil defense as stations established and equipped by local CD (See RDAM-II, Sect. V).

STATE FMS NETWORK
MISCELLANEOUS STATIONS

(To be published at a later date)

U.S. AIR FORCE INSTALLATIONS SUPPLIED WITH CD V-777 KITS

<u>Installation</u>	<u>Kits</u>	<u>Installation</u>	<u>Kits</u>
5700 Air Base Wing (WOPN-P) APO New York 09825	14	Commander, 2856 Air Base Group Griffiss AFB, N.Y. 13440 Attn: ROEM (for Capt. Lutz)	13
Disaster Preparedness Officer 4624 Air Base Squadron Hancock Fld, N.Y. 13225	8	Disaster Preparedness Officer 380 Strategic Aerospace Sq Plattsburgh AFB, N.Y. 12903	11
Disaster Preparedness Officer 763 Radar Sq Lockport AFS, N.Y. 14094	2	174 Tac Ftr Gp, AFB 6324 New York ANG, Hancock Fld Syracuse, N.Y. 13211 Attn: Base Civil Engineer	2
Disaster Preparedness Officer 773 Radar Sq Montauk AFS, N.Y. 11954	2	109 Mil Alft Gp, AFB 6323 New York ANG, Schrieber Cty Aprt. P.O. Box Schenectady Attn: Base	2
Disaster Preparedness Officer 4621 Air Base Group Niagara Falls Int'l Aprt Niagara Falls, N.Y. 14306	8	152 Tac Control Gp Roslyn ANG Station Roslyn, N.Y. 11576	2
Disaster Preparedness Officer 656 Radar Sq Saratoga AFS, N.Y. 12550	2	106 Mil Alft Gp, AFB 6325 USNAS Brooklyn, N.Y. 11234 Attn: Base Civil Engineer	2
Disaster Preparedness Officer 4603 Air Base Group Stewart AFB, N.Y. 12550	10	105 Mil Alft Gp, AFB 6322 Westchester Cty Aprt White Plains, N.Y. 10601 Attn: Base Engineer	2
Disaster Preparedness Officer 52 Fighter Wing Suffolk Co AFB, N.Y. 11978	10	Disaster Preparedness Officer (RES) 914th Troop Carrier Group Niagara Falls Municipal Aprt Niagara Falls, N.Y. 14306	3
Disaster Preparedness Officer 655 Radar Sq Watertown AFS, N.Y. 13601	2		
Sub Total	58	Sub Total	37
		GRAND TOTAL	98

The above installations are advised to arrange for the biennial maintenance and calibration of their CD V-777 kits by contacting New York State Division of Military and Naval Affairs, Attn: MNDP-PP, Building #4, State Office Building Campus, Albany, N.Y. 12226 (Phone: 518-457-3897).

U.S. ARMY INSTALLATIONS SUPPLIED WITH CD V-777 KITS

<u>Installation</u>	<u>Kits</u>	<u>Installation</u>	<u>Kits</u>
Transportation Officer Attn: Director/Intel/Tng Fort Drum Watertown, N.Y. 13601	10	Superintendent United States Military Academy West Point, N.Y. 10996	16
Commander Hqtrs. Battery 1st Reg. APADCOM Attn: Staff Chemical Officer Stewart Field Newburgh, N.Y. 12250	2	U.S.A. Corps of Engineers 26 Federal Plaza New York, New York 10007 Attn: Mr. Fisher	14
Commander Watervliet Arsenal Attn: SWEV-RGP Watertvliet, N.Y. 12189	10		
Commander Battery A, 3rd Battalion 51st Air Defense Artillery Fort Tilden, N.Y. 11695	2		
Sub Total	24	Sub Total	30
		GRAND TOTAL:	54

The above installations are advised to arrange for the maintenance and calibration of their CD V-777 kits by contacting New York State Division of Military and Naval Affairs, Attn: MNDP-RT Building #4, State Office Building Campus, Albany, N.Y. 12226 (Phone: 518 7-3897).

U. S. ARMY INSTALLATIONS SUPPLIED WITH CD V-777 KITS

<u>INSTALLATION</u>	<u>KITS</u>
Transportation Officer Attn: Director, Intel/Tng Fort Drum Watertown, N.Y. 13601	10
Commander Watervliet Arsenal Attn: SWEWV-PGP Watervliet, N.Y. 12189	10
Superintendent United States Military Academy West Point, N.Y. 10996	16
US Army Corps of Engineers 26 Federal Plaza New York, N.Y. 10007 Attn: Mr. Fisher	14
TOTAL	<u>50</u>

Notes:

1. The CDV-777, Fixed Monitoring Station Kit consists of the following radiological instruments:

- 1 - CDV-700 Geiger Counter (0-50 mR/hr).
- 2 - CDV-715 Survey Meter Gamma (0-500 R/hr).
- 2 - CDV-742 Dosimeter (0-200 R).
- 1 - CDV-750 Dosimeter Charger

A more detailed description of each of the types of CD instruments listed above can be found in N.Y. State Radiological Defense Advisory Manual (RDAM) No. 6-2 available from the address indicated in Note 2.

2. The above installations should arrange for the annual maintenance and calibration of the CD instruments by contacting the N.Y. State Radiological Intelligence Section, NYDMNA-ODF, Bldg. 22, State Campus, Albany, N.Y. 12226 (Phone: 918 457-3897). The date of last calibration is stamped on the outside box and on the CDV-715 instrument.

U.S. AIR FORCE INSTALLATIONS SUPPLIED WITH CD V-777 KITS

<u>INSTALLATION</u>	<u>KITS</u>
5700 Air Base Wing (WOPN-P) APO New York 09825	14
Disaster Preparedness Officer 4789th Air Base GP (OXTD) Hancock Field, N.Y. 13225	6
Disaster Preparedness Officer 763rd Radar Squadron Lockport Air Force Station, N.Y. 14094	2
Disaster Preparedness Officer 773rd Radar Squadron Montauk Air Force Station, N.Y. 11954	2
Disaster Preparedness Officer 656th Radar Squadron Saratoga Air Force Station, N.Y. 12250	2
Disaster Preparedness Officer 655th Radar Squadron Watertown Air Force Station, N.Y. 13601	2
Commander 2856 Air Base Group Attn: ROBMM Griffiss Air Force Base, N.Y. 13440	13
Disaster Preparedness Officer 380th Strategic Aerospace Wing Plattsburgh AFB, N.Y. 12903	11
HQ 174 TAC FTR GP FB 6324 New York ANG, Hancock Field Syracuse, N.Y. 13211 Attn: Base Civil Engineer	2
109 TAC ALFT GP FB 6323 New York ANG Sch'dy Cty Appt Schenectady, N.Y. 12301	2

U. S. AIR FORCE INSTALLATIONS SUPPLIED WITH CD V-777 KITS

<u>INSTALLATION</u>	<u>KITS</u>
152nd TAC Control Group Roslyn ANG Station Roslyn, N.Y. 11576	2
HQ 106th Aerospace Res/Rcy Gp FB 6325 NG AB Suffolk County Airport West Hampton Beach, NY 11973 Attn: Base Civil Engineer	2
HQ 105th TAC Spt Gp FB 6322 Westchester Cty Airport White Plains, N.Y. 10604 Attn: Base Engineer	2
Disaster Preparedness Officer (Res) 914th Troop Carrier Group Niagara Falls, Municipal Airport Niagara Falls, N.Y. 14306	3
TOTAL	<u>65</u>

Note:

1. The CDV-777, Fixed Monitoring Station Kit consists of the following radiological instruments:

- 1 - CDV-700 Geiger Counter (0-50 mR/hr)
- 2 - CDV-713 Survey Meter Gamma (0-500 R/hr)
- 2 - CDV-742 Dosimeter (0-200 R)
- 1 - CDV-750 Dosimeter Charger

A more detailed description of each of the types of CD instruments listed above can be found in N.Y. State Radiological Defense Advisory Manual (RDAM) No. 6-2. available from the address indicated in Note.2.

2. The above installations should arrange for the annual maintenance and calibration of the CD instruments by contacting the N.Y. State Radiological Intelligence Section, NYDMNA-ODP, Bldg. 22, State Campus, Albany, New York 12226 (phone: 518 457-3897). The date of last calibration is stamped on the outside box and the CDV-715 instrument.

FAA Facilities In N.Y. State With CD Instruments

INSTALLATION

INSTRUMENTS

FAA Airport Tower Albany County Airport Shaker Road Colonia, N.Y. 12226	1 ea. CD V-700 2 ea. CD V-715 2 ea. CD V-742 1 ea. CD V-750
FAA Airport Tower Broome County Airport Airport Road Binghamton, N.Y. 13905	1 ea. CD V-700 2 ea. CD V-715 2 ea. CD V-742 1 ea. CD V-750
Airport Traffic Control Tower Greater Buffalo Int'l Airport Buffalo, N.Y. 14225	3 ea. CD V-715 1 ea. CD V-700 3 ea. CD V-750 29 ea. CD V-740
FAA Flight Service Station P. O. Box 202 Cheektovaga, N.Y. 14225	36 ea. CD V-742 1 ea. CD V-750 1 ea. CD V-700 2 ea. CD V-715 1 ea. CD V-720
FAA AFS 814 P. O. Box 202 Cheektovaga, N.Y. 14225	2 ea. CD V-715 1 ea. CD V-700 2 ea. CD V-750 28 ea. CD V-742
FAA Flight Service Station Watertown International Airport Dexter, N.Y. 13634	2 ea. CD V-700 3 ea. CD V-715 1 ea. CD V-750 5 ea. CD V-740 6 ea. CD V-742
General Aviation District Office Bldg. #53 - Republic Aviation Farmingdale, N.Y. 11735	3 ea. CD V-700 2 ea. CD V-715 2 ea. CD V-750 2 ea. CD V-742
FAA ATCT Room 606 Laguardia Airport Station Flushing, N.Y. 11371	2 ea. CD V-715 1 ea. CD V-720 1 ea. CD V-700 1 ea. CD V-750 63 ea. CD V-740 1 ea. CD V-742

FAA-Federal Aviation Administration

FAA Facilities In N.Y. State With CD Instruments

<u>INSTALLATION</u>	<u>INSTRUMENTS</u>
FAA Warren County Airport Glens Falls, N.Y. 12801	2 ea. CD V-700 1 ea. CD V-720 2 ea. CD V-750 2 ea. CD V-730 13 ea. CD V-740 3 ea. CD V-742 3 ea. CD V-715
FAA Flight Service Station Chemung County Airport Horseheads, N.Y. 14845	2 ea. CD V-715 1 ea. CD V-700 2 ea. CD V-750 7 ea. CD V-742 12 ea. CD V-740
FAA Jamaica J.F.K. Airport Jamaica, N.Y. 11430	2 ea. CD V-715 6 ea. CD V-750 58 ea. CD V-742
New York Common I PR Room Hangar #11 J.F. Kennedy Int'l Airport	2 ea. CD V-715 10 ea. CD V-750 47 ea. CD V-740
F/ AFS 826 Hangar 11 JFKennedy Int'l Airport Jamaica, N.Y. 11430	3 ea. CD V-700 1 ea. CD V-715 1 ea. CD V-750 1 ea. CD V-742
FAA Airways Facilities Sector 820 ATC Tower Building Rm 402 J.F. Kennedy Int'l Airport Jamaica, N.Y. 11430	1 ea. CD V-750 1 ea. CD V-700 2 ea. CD V-715
Air Carrier Dist. Off. #31 Port Authority Bldg. #141 J. F. K. Int'l Airport Jamaica, N.Y. 11430	4 ea. CD V-715 11 ea. CD V-750 50 ea. CD V-742
FAA Control Tower Richards Airport Massena, N.Y. 13662	2 ea. CD V-700 2 ea. CD V-715 1 ea. CD V-720 2 ea. CD V-750 12 ea. CD V-740

FAA Facilities In N.Y. State With CD Instruments

<u>INSTALLATION</u>	<u>INSTRUMENTS</u>
Niagara Falls Tower Niagara Falls Int'l Airport Niagara Falls, N.Y. 14304	1 ea. CD V-700 1 ea. CD V-715 1 ea. CD V-720 1 ea. CD V-750 11 ea. CD V-740
Utica Flight Service Station Oneida County Airport Oriskany, N.Y. 13424	2 ea. CD V-700 4 ea. CD V-715 2 ea. CD V-715 4 ea. CD V-742 11 ea. CD V-740
FAA Airport Tower Dutchess County Airport Poughkeepsie, N.Y. 12601	1 ea. CD V-700 2 ea. CD V-715 2 ea. CD V-742 1 ea. CD V-750
FAA/Dept. of Transportation Airway Facilities Sector Field Office Post Office Box 277 Renssen, N.Y. 13438	1 ea. CD V-700 2 ea. CD V-715 2 ea. CD V-742 1 ea. CD V-750
Chief Controller Combined Station/Tower Rochester Monroe County Airport Scottsville Road Rochester, N.Y. 14624	4 ea. CD V-715 2 ea. CD V-700 2 ea. CD V-750 34 ea. CD V-742
FAA Rochester Monroe County Airport Rochester, N.Y. 14624	1 ea. CD V-700 1 ea. CD V-715 1 ea. CD V-750 12 ea. CD V-742
FAA Griffiss RAPCON P. O. Box 1252 - AFB Branch Rome, N.Y. 13440	2 ea. CD V-700 4 ea. CD V-715 --- 23 ea. CD V-750 2 ea. CD V-742 29 ea. CD V-740
New York Flight Service/ International Flight Service Station 5 Airway Road Islip Mac Arthur Airport Ronkonkoma, N.Y. 11779	4 ea. CD V-700 8 ea. CD V-715 10 ea. CD V-750 60 ea. CD V-740 8 ea. CD V-742

FAA Facilities In N.Y. State With CD Instruments

INSTALLATION

INSTRUMENTS

AAFS-824 4205 Johnson Avenue Ronkonkoma, N.Y. 11779	11 ea. CD V-715 1 ea. CD V-711 1 ea. CD V-720 6 ea. CD V-700 336 ea. CD V-740 121 ea. CD V-742 27 ea. CD V-750
AFSFO 820-2 5 Airways Road Islip Mac Arthur Airport Ronkonkoma, N.Y. 11779	1 ea. CD V-700 1 ea. CD V-715 2 ea. CD V-750 13 ea. CD V-740
Airport Traffic Control Tower Hancock Int'l Airport N. Syracuse, N.Y. 13212	3 ea. CD V-715 2 ea. CD V-700 3 ea. CD V-750 13 ea. CD V-740 16 ea. CD V-742
FAA New York Field Office Aeronautical Quality Assurance 101 S. Franklin Avenue Jolley Stream, N.Y. 11581	2 ea. CD V-700 3 ea. CD V-750 26 ea. CD V-742
FAA Control Tower Westchester County Airport White Plains, New York 10601	1 ea. CD V-700 2 ea. CD V-715 2 ea. CD V-742 1 ea. CD V-750

Note:

1. FAA - Federal Aviation Administration
2. A description of each of the types of CD instruments listed above can be found in N.Y. State Radiological Defense Advisory Manual (RDAM) No. 6-2.
3. FAA facilities should arrange for the annual maintenance and calibration of the CD instruments by contacting the N.Y. State Radiological Intelligence Section, NYDMNA-ODP, Bldg. 22, State Campus, Albany, N.Y. 12226 (Phone: 518 457-3897).

RADIOLOGICAL INTELLIGENCE SECTION

MONITORING STATIONS ESTABLISHED AND EQUIPPED

Type Network MOBILE (Self-Support)

BSA

3-Letter Designator

1. Station No.	2. Telephone Number	3. Type of Facility	4. Name of Monitor	5. Address (Street and City)
BSA <u>H</u>	924-4400	EOC	T. McCarrick	Yaphank Ave. Yaphank, NY
1	N/A	Cnty. Bldg.	N/A	Browns Rd. Huntington, NY
2	N/A	TELCO	N/A	85 W 2nd St. Deer Park, NY
3	N/A	Hospital	N/A	Montauk Hwy. Copiague, NY
4	N/A	Hospital	N/A	Rt. 25 A Kings Park, NY
5	N/A	Hospital	N/A	Carlton Ave. Central Islip, NY
6	N/A	Town Hall	N/A	Main St. Islip, NY
7	N/A	SUNY	N/A	Nicholls Rd. Stony Brook, NY
8	N/A	Police	N/A	Noricho Tpke. Coram, NY
9	N/A	B N Laboratory	N/A	Wood Pkwy. Upton, NY
10	N/A	School	N/A	Atlantic Bch. Rd. Mastic, NY
11	N/A	Cnty. Bldg.	N/A	Staffing Ave. Riverhead, NY
12	N/A	Cnty. Bldg.	N/A	Center Drive Riverhead, NY
13	N/A	Hospital	N/A	Manor Place Greenport, NY
14	N/A	Hospital	N/A	265 Herrick Rd. Southampton, NY
15	N/A	Laboratory	N/A	Plum Island, NY
16	N/A	Gun Bunker	N/A	Fishers Island, NY
17	N/A	Fire	N/A	Fire House Rd. Montauk, NY

N.Y. State
Division of Military and Naval Affairs
Office of Disaster Preparedness
Radiological Intelligence Section
Bldg. 22, State Campus
Albany, N.Y. 12226

INSTRUCTIONS FOR PREPARING FORM RAD-1M

1. This form is used for the following purposes:
 - a. As an attachment to requests for CDV-777, Radiological Defense Monitoring Kits for mobile radiological monitoring purposes. (See RDAM 13, Attachment 2).
 - b. For periodic update of Appendix 3.c. to the local Radiological Intelligence Section Annex. A current Appendix 3.c. is defined as one that is no more than 2 years old and is backed up by a current Form Rad-1M for each station. For the Rad-1M to be considered current, at least one monitor assigned to the station must have had refresher training, as described in RDAM 5-1, within the last four (4) years.
2. At the top of the form enter the name of the jurisdiction, the page number, and the jurisdiction's 3-letter designator. See RDAM 2-7, Attach.2.2, June 1975, or RDAM 4-4, Pg.A.12, July 1970, for lists of three letter designators assigned to local jurisdictions and State agencies.
3. At the bottom right of the form enter the current date of the Appendix 3.c.
4. Column 1. Each Mobile Monitoring Station established and equipped by a jurisdiction for either peacetime or wartime requirements will be assigned an identifying number. This identifying number will be preceded by the letter M and both the letter M and the number must be recorded in column 1 (see RDAM 13).
5. Column 2. This column should be used for recording the telephone number of mobile monitoring stations.
6. In Column 3, indicate whether the monitoring station is a fire station, police station, rescue squad, warning point, post office, residence, etc.
7. Column 4. Enter the name of at least one trained monitor.
8. Column 5. Enter the street address and city or village in which the monitoring station is located. If located on a rural route, indicate as "5 miles south of _____". Use the nearest village as a reference point.
9. "Stations Established and Equipped" is defined as a monitoring station with the necessary trained monitors assigned, the radiological equipment in place at that location, and at least one means of communication available. See also "DAV 11-2 and RDAM 13-1.
10. The terms mobile radiological monitoring and self-support monitoring are synonymous.
11. Submit the updated Forms in duplicate to the State Radiological Intelligence Section as indicated at the top of this instruction.

VPT/ev
2/23/76

N.Y. State
Division of Military and Naval Affairs
Office of Disaster Preparedness
Radiological Intelligence Section
Bldg. 22, State Campus
Albany, N.Y. 12226

INSTRUCTIONS FOR PREPARING FORM RAD-1M

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 - a. As an attachment to requests for CDV-777, Radiological Defense Monitoring Kits for mobile radiological monitoring purposes. (See RDAM 13, Attachment 2).
 - b. For periodic update of Appendix 3.c. to the local Radiological Intelligence Section Annex. A current Appendix 3.c. is defined as one that is no more than 2 years old and is backed up by a current Form Rad-1E for each station. For the Rad-1E to be considered current, at least one monitor assigned to the station must have had refresher training, as described in RDAM 5-1, within the last four (4) years.
2. At the top of the form enter the name of the jurisdiction, the page number, and the jurisdiction's 3-letter designator. See RDAM 2-7, Attach.2.2, June 1975, or RDAM 4-4, Pg.A.12, July 1970, for lists of three letter designators assigned to local jurisdictions and State agencies.
3. At the bottom right of the form enter the current date of the Appendix 3.c.
4. Column 1. Each Mobile Monitoring Station established and equipped by a jurisdiction for either peacetime or wartime requirements will be assigned an identifying number. This identifying number will be preceded by the letter M and both the letter M and the number must be recorded in column 1. (See RDAM 13).
5. Column 2. This column should be used for recording number of mobile monitoring stations.
6. In Column 3, indicate whether the monitoring station is a fire station, police station, rescue squad, warning point, post office, residence, etc.
7. Column 4. Enter the name of at least one trained monitor.
8. Column 5. Enter the street address and city or village in which the monitoring station is located. If located on a rural route, indicate as "5 miles south of _____". Use the nearest village as a reference point.
9. "Stations Established and Equipped" is defined as a monitoring station with the necessary trained monitors assigned, the radiological equipment in place at that location, and at least one means of communication available. See also RDAM 4-2 and RDAM 13-1.
10. The terms mobile radiological monitoring and self-support monitoring are synonymous.
11. Submit the updated Forms in duplicate to the State Radiological Intelligence Section as indicated at the top of this instruction.

EMERGENCY OPERATIONS PLAN
Annex K, App.3.d.

WILLIAM E. REGAN, DIRECTOR
DEPARTMENT OF EMERGENCY PREPAREDNESS
STATE OF NEW YORK
COUNTY OF SUFFOLK
Y-Civil Defense Jurisdiction 11980

RADIOLOGICAL INTELLIGENCE SECTION		IDENTIFICATION OF MONITORING STATION AERIAL SURVEY BASE	
Attachment To Requests For CDV-781: See RDAM 12-5, Att.4; and RDAM 6-1, App. 3.			
STATION NO 1) BSA 35		DATE 2) 4/20/82	
STREET ADDRESS 3) Box 127 Yaphank Avenue		CITY COUNTY STATE AND ZIP CODE 4) Yaphank, Suffolk, N. Y. 11980	
TYPE INSTALLATION (Peller, FMO, etc.) 5) a. EOC b. Aerial Survey Base c. UTM: XA 7522			
PROTECTION FACTOR 6) 1000+		METHOD OF DETERMINATION 7) NFSS	
TYPE OF COMMUNICATIONS 9) Tel. No. [REDACTED]		DETERMINED BY 8) BUDKS	
10) EOC - DOS		11) UTM: W66018	
12) ROSTER OF TRAINED MONITORS - FIXED STATION			
NAME	STREET ADDRESS	CITY STATE AND ZIP CODE	
a Cpt. Gene Pfeiffer	[REDACTED]	[REDACTED]	
b Cpt Edgar Cote	[REDACTED]	[REDACTED]	
c Lt. Edward Reiter	[REDACTED]	[REDACTED]	
d Lt. Arthur Sperling	[REDACTED]	[REDACTED]	
13) ROSTER OF TRAINED MONITORS - AERIAL SURVEY			
NAME	STREET ADDRESS	CITY STATE AND ZIP CODE	
a Ltc. John Marek	[REDACTED]	[REDACTED]	
b Maj Mike Cardarelli	[REDACTED]	[REDACTED]	
c Maj. Paul Vogel	[REDACTED]	[REDACTED]	
d Lt. Edward Blasko	[REDACTED]	[REDACTED]	
e.			
f.			

Note: Monitors named in items 13. must not be the same as those in item 12.

14. If item 5.a. above is not an airport, indicate:
a. Name of airport that will be used by aerial monitors Islip-MacArthur
b. Location of airport Islip, NY b.1. Phone: [REDACTED]
c. Distance between airport & fixed station 10 miles
15. Regarding item 13. above
a. Place an asterisk to the left of the name of each monitor who is also a pilot (at least 2 pilots required)
b. Indicate by number such as 13.a., 13.b., etc., the monitors who have completed aerial survey training: 12-A-B-C 13-A-B-C
16. Type aircraft available at base Cessna 172 Reg#213 NY
17. Storage location of CDV-781 at base EOC Storeroom

Signed WILLIAM E. REGAN, DIRECTOR
(CID) Director of Emergency Preparedness
COUNTY OF SUFFOLK
YAPHANK AVE., YAPHANK, N.Y. 11980

N.Y. State
Division of Military and Naval Affairs
Radiological Intelligence Section
Bldg. 22, State Campus
Albany, N.Y. 12226

RDAM 12-5
Att. 5, Pg. 2

Uses and Instructions For Completing Form Rad-LJ

Form Rad-LJ is for use in taking the following actions in connection with the aerial radiological survey program:

1. For requesting initial issue of CDV-781 Aerial Survey Meter as described in RDAM 12-5, Attachment 4.
2. For annually updating Appendix 3.d. of local Radiological Annexes in accordance with schedules published in RDAM 6-1, Appendix 3.

To the extent possible, the mobilization and assembly point for aerial radiological monitors should be the county EOC (See RDAM 12-4, Chapt. II.D.).

Instructions For Completing Form Rad-LJ

1. In item 1, enter the three letter designator and FMS number of the County EOC if the County EOC has been designated as the location and assembly point for the aerial monitors. See Appendix 3.d. of the local Radiological annex for the EOC station number. The location identified in item 1 must also be a fixed monitor. County EOC's are also FMS's. If the County EOC is not selected, then give the FMS number of the airport if the airport has been established as an FMS.
If a protected location does not exist at the airport and it cannot be established as an FMS, then a fixed monitoring station no more than 2 or 3 miles from the airport should be used as the assembly point and that FMS number entered in item 1.
2. In items 3 thru 9, enter the information as it pertains to the location shown in item 1.
3. In items 10 and 11, enter the name and telephone number of the station to which the location in item 1 is scheduled to report. If item 1 is the county EOC then it is scheduled to report to the District EOC.
4. In items 12 and 13, list the names and addresses of the fixed station and Aerial Survey Team monitors respectively. Monitors named in item 12 must not be the same as those shown in item 13.
5. In item 14.b.1, the phone number(s) supplied should be the one(s) most likely, in your judgment, to be used by an Aerial Survey team and CAP personnel to transmit aerial radiological survey reports and information in an actual emergency situation.
6. For items 15-17, supply all pertinent information as requested.
7. Coordinate with your local Civil Air Patrol (CAP) unit when updating Form Rad-LJ to assure proper assignment and adequate training of at least 6 aerial radiological monitors. Training is described in RDAM 5-1 and 12-4.
8. Distribute copies of the completed Appendix 3.d. to State RADEF (2 copies), & to the local Radiological Officer, the local Radiological Annex and individuals named on the Form.

SHELTER FACILITIES WITH MONITORS AND INSTRUMENTS

BSA

3-Letter Designator

1 Standard Location & Facility No.	2 Name/Type Shelter	3 Quantity Kits CDV-777-1	4 Shelter Monitor *	5 Address (Street and City)
BSA	EOC		T. McCarrick	Yaphank Ave., Yaphank, NY
1	Cnty. Bldg.		N/A	Browns Rd., Huntington, NY
2	TELCO		N/A	85 W 2nd St. Deer Park, NY
3	Hospital		N/A	Montauk Hwy Copiague, NY
4	Hospital		N/A	Rt. 25A Kings Park, NY
5	Hospital		N/A	Carlton Ave. Cent. Islip, NY
6	Town Hall		N/A	Main St., Islip, NY
7	SUNY		N/A	Nicholls Rd. Stony Brook, NY
8	Police		N/A	Jericho Tpke. Coram, NY
9	B N Laboratory		N/A	Floyd Pkwy. Upton, NY
10	School		N/A	astic Bch. Rd. Mastic, NY
11	Cnty. Bldg.		N/A	Griffing Ave. Riverhead, NY
12	Cnty. Bldg.		N/A	ive Riverhead, NY
13	Hospital		N/A	Manor Place Greenport, NY
14	Hospital		N/A	265 Herrick Rd. Southampton, NY
15	Laboratory		N/A	Plum Island, NY
16	Gun Bunker		N/A	Fishers Island, NY
17	Fire		N/A	Fire House Rd. Montauk, NY

— RAD 1-8

Rev. Nov. 1977

(Follow Instructions On Reverse Side)

9/9/80

DATE

New York State
Division of Military and Naval Affairs
Office of Disaster Preparedness
Radiological Intelligence Section
Building 22, State Campus
Albany, New York 12226

INSTRUCTIONS FOR COMPLETING FORM RAD-1S

HEADING - Enter Civil Defense Jurisdiction name, page no., and 3-Letter Designator of Jurisdiction.

COLUMNS:

1. Standard Location/Facility No. - Information is found in either of two places (a) National Fallout Shelter Survey (NFSS) computer printout (SL and FACIL columns) or (b) green form DGSC 2079, Request For Shelter Kit, given to each jurisdiction for each shelter at the time of stocking.

Standard Location: Eight digit number beginning with 16.....

Facility No.: Five digit number.

2. Name/Type Shelter - See "NAME" column on NFSS printout or DGSC 2079. Examples: School, Hospital, Apt., etc.
3. Quantity Kits - Enter quantity of shelter kits (CDV-777-1) located in-place in the shelter.
4. Shelter Monitor - Enter the name of the Shelter Monitor if known. In accordance with DCPA policy shelter monitors are to be assigned and trained during the Crisis Augmentation Phase.
5. Shelter Address - Enter shelter address.

BOTTOM - Enter date of completion of the page.

New York State
Division of Military and Naval Affairs
Office of Disaster Preparedness
Radiological Intelligence Section
Building 22, State Campus
Albany, New York 12226

INSTRUCTIONS FOR COMPLETING FORM RAD-1S

HEADING - Enter Civil Defense Jurisdiction name, page no., and 3-Letter Designator of Jurisdiction.

COLUMNS:

1. Standard Location/Facility No. - Information is found in either of two places (a) National Fallout Shelter Survey (NFSS) computer printout (SL and FACIL columns) or (b) green form DGSC 2079, Request For Shelter Kit, given to each jurisdiction for each shelter at the time of stocking.

Standard Location: Eight digit number beginning with 16.....

Facility No.: Five digit number.

2. Name/Type Shelter - See "NAME" column on NFSS printout or DGSC 2079. Examples: School, Hospital, Apt., etc.
3. Quantity Kits - Enter quantity of shelter kits (CDV-777-1) located in-place in the shelter.
4. Shelter Monitor - Enter the name of the Shelter Monitor if known. In accordance with DCPA policy shelter monitors are to be assigned and trained during the Crisis Augmentation Phase. ___
5. Shelter Address - Enter shelter address.

BOTTOM - Enter date of completion of the page.

New York State
Division of Military and Naval Affairs
Office of Disaster Preparedness
Radiological Intelligence Section
Building 22, State Campus
Albany, New York 12226

INSTRUCTIONS FOR COMPLETING FORM RAD-1T

HEADING - Enter Civil Defense Jurisdictions name, page no., and date prepared.

COLUMNS:

Standard Location/Facility No. - Information is found in either of two places (a) National Fallout Shelter Survey (NFSS) computer printout (SL and FACIL columns) or (b) green form DGSC 2079, Request For Shelter Kit, given to each jurisdiction for each shelter at the time of stocking.

Standard Location: Eight digit number beginning with 16.....

Facility No: Five digit number.

Name/Type Shelter - See "NAME" column on NFSS Form DGSC 2079.

Shelter Address - Enter shelter address.

Quantity Kits - Enter quantity of CDV-777-2 Shelter Radiation Detection Sets to be distributed to that shelter during crisis period.

Central Storage Location - Indicate central storage location for sets intended for that shelter.

To Be Distributed By - List name of local agency or individual who will be responsible for redistributing the shelter kits during a crisis period.

Date

SOP FOR SHELTER MONITOR

A. Shelter Operations

Upon attack or warning of attack, a shelter monitor reports to his assigned shelter and performs the following checklist of operations in order:

1. Perform an operational check on all radiological survey meters and instruments.
2. Charge dosimeters and wear one. Prepare Group Exposure Record Form RAD-19.
3. Position other dosimeters at predesignated locations in the shelter and make a sketch of the shelter showing those locations.
4. Report to the shelter manager on the condition of the instruments and the positioning of dosimeters.
5. Check to see that doors, windows, or other openings are closed during fallout deposition.
6. Observe instruments to determine the time of fallout arrival. Advise the shelter manager when the dose rate begins to increase.
7. Take all readings approximately three feet above the ground when taking outside radiation readings and at three feet above shelter floor surfaces when taking readings in the shelter. This applies to measurements of general area radiation levels.
8. Determine the protection factor (PF) for the primary shelter operations area by the following relationship:
$$PF = \frac{\text{Outside Dose Rate Reading}}{\text{Inside Dose Rate Reading}}$$
9. Prepare a sketch of the shelter facility numbering each location in (and possibly outside) the shelter at which radiation measurements will be taken. Record all readings taken at such locations on a data sheet such as Form RAD-2C attached.
10. Insure that all persons who have performed outside missions in contaminated areas follow the necessary protective actions upon reentry to the shelter facility such as removal of shoe covers and outer protective clothing if worn or simply brushing off fallout material from clothing, etc. (See Section III, Handbook For Radiological Monitors).
11. Take readings at selected locations throughout the shelter and record the dose rates on prepared monitoring data sheets/sketches of the area. Particular attention should be given to monitoring any occupied areas close to filters in the ventilating system. Show the time of readings on all data sheets/sketches.
12. Furnish data sheets and sketches to the shelter manager and recommend one of the following courses of action:
 - a. Occupy only those areas with dose rates below 2 R/hr.
 - b. If dose rates are not uniform and above 2 R/hr throughout the shelter, occupy the areas with lowest dose rates.
 - c. If space prohibits locating all shelter occupants in the better protected areas, rotate personnel from one area to another to distribute exposure evenly.

EMERGENCY OPERATIONS PLAN
Annex K, App.3.a.(2) Pg. 2
RADIOLOGICAL INTELLIGENCE SECTION

A. Shelter Operations (cont'd)

Do not rotate personnel unless there is a difference of 10 R in the exposure between the best and the least protected shelter occupants. Under all conditions, give consideration to providing the best available protection to pregnant women, children under 18 years, and personnel assigned to early emergency operations.

13. Repeat the procedures in paragraph 11 and 12 at least once daily. If there is a rapid change in the dose rate, repeat at least once every six hours.
14. Inform the shelter manager to notify the appropriate control center and request guidance if: (1) at any time during the shelter period the inside dose rate reaches or exceeds 10 R/hr, or (2) within any two day period of shelter the dose is 75 R or expected to be 75 R based on calculations as described in the Handbook For Radiological Monitors (FG-E-5.9).
15. Periodically listen to your nearest Emergency Broadcast Station (EBS) using the portable AM radio brought to the shelter by the monitor.

B. Recovery Support

As soon as radiation levels decrease sufficiently to permit high priority operations and later, as operational recovery activities including decontamination of vital areas and structures are begun, most shelter monitors will be required to provide radiological monitoring support to these operations.

Note: See also Federal DCPA publication "MP-72, How To Use Your Radiological Instruments (Survey Meter and Dosimeters) To Find The Best Shelter and To Minimize Your Exposure To Radiation, Aug. 1976".

RADIOLOGICAL INTELLIGENCE SECTION

EOC RADEF EQUIPMENT CHECKLIST

The following items are maintained in suitable form and quantity in the RADEF Operations Area:

- 1. RADEF Staff Assignments (Annex K, App.1.a.)
- 2. " " Alerting List (Annex K, App.1.b).
- 3. NUDET Fallout Forecast Map (Form Rad-15L).
- 4. UTM Coordinate Scales (Form Rad-15F-1, 15F-2, and 15F-3).
- 5. FMS Locator Map and Key FMS Locator Map.
- 6. Aerial Radiological Survey Location Map (Preplanned Surveys/RDAM 2-6).
- 7. Map of Northeastern U.S. and N.Y. State such as Exxon and DCPA 1:2,500,000.
- 8. N.Y. State map, Scale 1" = Approx. 10 mi., and 1" = Approx. 4 mi.
- 9. Local topographical map and map scale 1" = approx. 1 mi.
- 10. FMS Fallout Measurement and Reporting Plan - N.Y. State, Form Rad-4.
- 11. Section Message Log.
- 12. Radiological Intelligence Work Sheet (Form Rad-4A).
- 13. Outline for RADEF Briefing or Situation Report (Form Rad-4A).
- 14. Weapon Effects Reporting Form.
- 15. Nuclear Bomb Effects Computer - Lovelace - GPO.
- 16. NUDET Report Log (Form Rad-5B)
- 17. DP Data Recording Form (Form Rad-5A).
- 18. Aviation Weather Data Form (Form Rad-5C).
- 19. KFMS Report Logs. See RDAM 2-5, Appendix 2.a.(1).
- 20. FMS Report Log (Form Rad-3).
- 21. Dose Rate History Graph Paper (Form Rad-14).
- 22. Radiation Calculator, Wade M-2.
- 23. Group Exposure Record (Form Rad-19).
- 24. Individual Radiation Exposure Record (Form Rad-19A).
- 25. Preplanned Aerial Survey Data Sheets (See RDAM 2-6, Appendices 10 to 30).
- 26. Aerial Radiological Survey Data Sheets (Form Rad-2B).
- 27. Preplanned Mobile Survey Data Sheets.
- 28. Mobile Survey Data Sheets (Form Rad-2C).
- 29. Communications - Phones, CAP Radio, etc.
- 30. Instruments and Batteries.
 - a. CDV-711
 - b. CDV-717
 - c. CDV-777
 - d. CDV-781, Aerial Survey Meters
 - e. Dosimeters and dosimeter chargers
- 31. Other References for Operations.
 - a. N.Y. State Radiological Defense Advisory Manuals (RDAM) in notebooks.
 - b. GPO textbook entitled "Effects of Nuclear Weapons".
 - c. District and Local Radiological Annex and Appendices
 - d. Aerial Radiological Survey Plan (RDAM 2-6) and Appendices.
 - e. State RADEF Plan (RDAM 2-5).
 - f. RDAM 4-4, Data Book For RADEF Officers (In separate notebook).
 - g. Radiological Intelligence Section files.
 - h. DCPA Radiological Defense Textbook, SM-11.22-2.

NEW YORK STATE LIVESTOCK RESOURCES AS OF 1 JAN. 1974

	All Cattle *	Milk Cows	Beef Cows	Swine	Sheeps & Lambs	Horses	Chickens **
WESTERN							
ALLEGANY	36358	15861	3288	7108	4219	879	77078
CATTARAUGUS	55708	28314	3588	3300	533	1153	73006
CHAUTAUQUA	62082	30424	3417	2147	1615	1522	93858
ERIE	42665	21476	3113	2722	2139	1435	538990
GENESEE	33759	16707	1644	6477	3271	757	143268
LIVINGSTON	39202	16648	3209	2442	8094	1112	205685
MONROE	14660	6449	1387	2641	836	1120	52968
NIAGARA	20357	8157	2211	5694	2222	784	68046
ORLEANS	17615	5542	1603	6193	2417	916	162294
WYOMING	63236	34811	1801	1450	2109	605	14981
JAMESTOWN							
NIAGARA FALLS							
NO. TONAWANDA							
OLEAN							
SALAMANCA							
TOTAL:	385632	184509	25261	40174	27457	10387	1430163
LAKE							
CAYUGA	45098	21012	2149	4434	2080	708	373393
CHEMUNG	12020	5293	1768	879	602	482	123007
ONTARIO	28901	11677	2441	3552	4714	1039	336107
SCHUYLER	9703	3858	988	820	2212	351	105782
SENECA	10822	3891	1251	2434	1566	429	93347
STEWART	60704	27584	4910	1783	6000	1103	222170
TIOGA	25934	12957	1452	1059		420	237180
TOMPKINS	24354	10512	1923	987			632148
WAYNE	22597	8061	2550	3179	61		548509
YATES	11369	4510	1329	4877	4478		1143
TOTAL	251559	133411	20761	23904	25419	6533	2850400
CENTRAL							
CORTLAND	40621	22358	1576	761	820	458	66497
HERKIMER	45290	26388	1498	587	89	416	11727
JEFFERSON	80389	43341	3139	2278	699	825	119329
LEWIS	48073	30390	667	842	72	253	33469
MADISON	54046	30593	1628	1041	347	766	48288
ONEIDA	67381	35425	3111	1438	341	1145	79731
ONONDAGA	35944	18123	2172	1474	554	1160	193652
OSWEGO	25840	11708	2892	1749	485	870	29858
ST. LAWRENCE	85951	43903	3313	2093	1139	1259	23738
ONEIDA							
ROME							
UTICA							
TOTAL:	483535	262229	19796	12263	4546	7152	606289

*Includes all Cows, Bulls, Calves
**Older than 3 months

NORTHERN	All Cattle	Milk Cows	Beef Cows	Swine	Sheep & Lambs	Horses	Chickens
CLINTON	33167	20466	1239	868	44	352	84455
ESSEX	9224	3954	689	628	211	790	2511
FRANKLIN	35074	19458	875	295	78	307	11743
FULTON	8989	5024	456	121	52	203	35936
HAMILTON	*	*	*	*	*	*	*
MONTGOMERY	37889	21289	1380	512	187	414	2527
SARATOGA	15933	8141	887	645	545	1154	77518
WARREN	1137	607	97	29	4	130	17470
WASHINGTON	53956	30325	1757	644	1554	907	167784
PLATTSBURGH							
TOTAL:	200369	109264	7380	3742	2695	3973	399944

*Hamilton County unavailable because of small livestock inventory.

EASTERN

ALBANY	11217	4149	1523	760	1327	539	59247
BROOME	28262	14658	1985	723	657	793	48200
CHENANGO	53320	28884	2107	1047	1018	960	241044
COLUMBIA	34922	17651	1941	514	688	873	182547
DELAWARE	59374	33012	1783	904	540	928	104581
GREENE	9191	4399	858	224	583	247	6187
OTSEGO	61996	33320	1713	1169	2422	1024	169444
RENSELAER	19556	9525	1641	568		524	39570
SCHENECTADY	3478	1530	372	157			40697
SCHOHARIE	30702	16149	1655	575			4495
RENSELAER							
TOTAL:	312018	163277	15578	6641	9335	6980	896012

SOUTHERN

DUTCHESS	29476	13135	3578	891	1313	1159	70293
NASSAU	122	64	4	0	3	215	531
ORANGE	27739	15196	1708	870	409	2124	251554
PUTNAM	1110	441	151	13	95	99	29141
ROCKLAND	183	112	14	19	0	52	2505
SUFFOLK	949	483	205	635	118	393	61209
SULLIVAN	15080	6849	871	772	352	691	2269592
ULSTER	9734	3951	1147	828	1893	907	386261
WESTCHESTER	541	153	140	405	89	241	8959
MIDDLETOWN							
MOUNT VERNON							
NEWBURGH							
NEW ROCHELLE							
PEEKSKILL							
PORT JERVIS							
WHITE PLAINS							
YONKERS							
TOTAL:	84934	40384	7818	4433	4272	5881	3080045

New York State	1718047	892954	96594	91157	73,724	40906	9262859
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From U.S. Department of Commerce

STATE OF NEW YORK DIVISION OF MILITARY AND NAVAL AFFAIRS OFFICE OF DISASTER PREPAREDNESS PUBLIC SECURITY BUILDING, STATE CAMPUS ALBANY, NEW YORK 12226		Memo No. T-78-71 Date: 12 Dec. 1978
Classification: <input checked="" type="checkbox"/> Transitory Discard Date: Upon Completion of Action.		Distribution: <input checked="" type="checkbox"/> Local Directors A <input type="checkbox"/> Permanent <input checked="" type="checkbox"/> Special S, C, D, E, F
APPROVED: <i>[Signature]</i> Deputy Director, Civil Defense		SUBJECT: Local Annex K, Appendix 5.a., "Hazardous Materials Emergency Procedure Guidelines" (RDAM 2-3).

Transmitted herewith are five (5) copies of Appendix 5.a., entitled, "Hazardous Materials Emergency Procedure Guidelines". This appendix is part of the Local Radiological Annex to the N.Y. State Emergency Operations Plan.

PURPOSE:

Intended to provide first-on-the-scene emergency response personnel with guidance on the handling of accidents involving chemical and/or radioactive materials. Included are phone numbers for requesting assistance from appropriate government agencies and space for local CD and Health Departments.

RECOMMENDED LOCAL ACTION:

1. Enter the phone numbers (status) information for the local Civil Defense and Health Departments on Page 2.
2. Sufficient copies of the document (page 1 and 2) should be made for and distributed to local Fire Coordinators, Fire Departments, Ambulance/Rescue Units, Police Departments, Sheriffs Departments, Health Departments, and other emergency services as deemed appropriate.
3. Place a completed copy of this appendix in the local Radiological Annex for quick reference in an emergency.
4. Send a completed copy of this appendix to this headquarters-Attention: Radiological for inclusion in our copy of your Annex.

NOTE:

It should be noted that the attached Appendix 5.a. has been reviewed by the New York State Health Department - Bureau of Radiological Health and the State Department - Bureau of Fire Prevention and Control and endorsed for local use.

Additional copies of the attached are available from the Radiological Intelligence Section upon request.

HAZARDOUS MATERIALS EMERGENCY PROCEDURE GUIDELINES

PURPOSE: These Guidelines are intended to provide first-on-the-scene emergency response personnel with guidance on the handling of accidents involving either chemical and/or radioactive materials. Priority consideration has been and should be taken into account regarding maximum protection for emergency response personnel in the performance of their respective duties. These Guidelines are applicable for both non-Military and Military accidents involving hazardous materials.

PROCEDURES: First-on-the-scene emergency response personnel should follow the procedures listed below so as to expedite an effective, timely and coherent response to hazardous materials accident emergencies and minimize any threat to the Public Safety.

1. Every effort should be made to rescue persons believed to be alive and entrapped in any wreckage.
2. Obtain any and all information relative to the hazardous materials which may be involved in the accident (bills of lading, interviews, etc.).
3. Upon confirmation that either chemicals or radioactive materials are involved in the accident, contact the appropriate response agency listed on the reverse side of this Appendix in the order they are listed until a response is assured.
4. Reroute all traffic as far from the accident as practical.
5. Restrict access to the scene of the accident by the public by establishing a secure control zone which contains at least the accident scene. (Military accident control zone perimeters should be at least 2000 ft.) Local emergency response personnel should make only necessary entries into the secured control zone. No attempt should be made to clean up or otherwise disturb debris or materials involved in the accident except for lifesaving rescue operations.
6. All injured personnel should be sent to a treatment point(s) on the secured control zone perimeter with as little contact as possible being made with other personnel to prevent further injuries and/or the spread of contaminations. Promptly administer all necessary lifesaving measures. Avoid elective first aid except under physicians orders. Radiological accident patients should be monitored for radioactive contamination prior to transfer to hospital or other medical facility to minimize further contamination during transfer.
7. In accidents involving fires, approach upwind of the accident scene. All fires should be handled as though they involve toxic chemicals requiring appropriate personnel protective gear and operations procedures. Control all fires from as great a safety distance as possible. All equipment, clothing, and personnel should be monitored and checked for possible contamination before they leave the accident scene. A record should be maintained of all personnel present at accident scene.
8. Prohibit all eating, drinking, and smoking at the accident scene.

REFERENCES: Hazardous Materials-Emergency Action Guide-U.S. Dept. of Transportation.
What to do and How to Report Military Aircraft Accidents-Naval Safety Center, Naval Air Station, Norfolk, VA 23511.
Emergency Handling of Radiation Accident Cases-U.S. Dept. of Energy.

HAZARDOUS MATERIALS ACCIDENT EMERGENCY GUIDELINES

When an incident/accident occurs which may involve either hazardous materials such as chemicals or radioactive materials emergency assistance should be requested, as needed, by contacting the following agencies/organizations in the order that they appear below until a response is assured.

NON-MILITARY ACCIDENTS

RADIOACTIVE MATERIALS ACCIDENTS

	<u>Phone Status</u>	<u>Phone Number(s)</u>
1. Local Civil Defense Office.....	()
2. Local Health Department.....	()
3. New York State Warning Point (NAWAS).....	24 hours	.....(518) 457-2200
4. N.Y.S. Dept. of Health-Bureau of Rad. Health.....	Business hours	.....(518) 474-2886 .....(518) 474-2846
5. U.S. Dept. of Energy-Inter Agency Rad Assistance.....	24 hours	.....(516) 345-2200
	Information Only.....	.....(516) 345-3427

CHEMICAL ACCIDENTS

	<u>Phone Status</u>	<u>Phone Number(s)</u>
1. Local Civil Defense Office.....	()
2. Local Health Department.....	()
3. CHEMTREC (Chemical Transportation Emergency Center).....	24 hours	.....(800) 424-9300
4. N.Y.S. Dept. of Transportation (Rep Oil Spills).....	24 hours	.....(518) 457-7362

When an incident occurs which involves any aircraft, vehicles, or weapons (nuclear or conventional), call the military facility nearest the accident scene from the list below. It is important that the caller say that they are reporting a military aircraft (or vehicle) accident and want to speak to the base operations officer on duty, and report any details which they may have available regarding the accident (i.e. location, type, etc.).

MILITARY ACCIDENTS

U.S. Military Bases

	<u>Phone Status</u>	<u>Base Operators</u>
1. Niagara Falls AFB, Niagara Falls NY.....	24 hours	.....(716) 297-4100
2. Hancock AFB, Syracuse NY.....	24 hours	.....(315) 458-5500
3. Griffis AFB, Rome NY.....	24 hours	.....(315) 330-7400
4. Plattsburgh AFB, Plattsburgh NY.....	24 hours	.....(518) 565-7110
5. McGuire AFB, NJ.....	24 hours	.....(609) 440-0111

HAZARDOUS MATERIALS EMERGENCY PROCEDURE GUIDELINES

PURPOSE: These Guidelines are intended to provide first-on-the-scene emergency response personnel with guidance on the handling of accidents involving either chemical and/or radioactive materials. Priority consideration has been and should be taken into account regarding maximum protection for emergency response personnel in the performance of their respective duties. These Guidelines are applicable for both non-Military and Military accidents involving hazardous materials.

PROCEDURES: First-on-the-scene emergency response personnel should follow the procedures listed below so as to expedite an effective, timely and coherent response to hazardous materials accident emergencies and minimize any threat to the Public Safety.

1. Every effort should be made to rescue persons believed to be alive and entrapped in any wreckage.
2. Obtain any and all information relative to the hazardous materials which may be involved in the accident (bills of lading, interviews, etc.).
3. Upon confirmation that either chemicals or radioactive materials are involved in the accident, contact the appropriate response agency listed on the reverse side of this Appendix in the order they are listed until a response is assured.
4. Reroute all traffic as far from the accident as practical.
5. Restrict access to the scene of the accident by the public by establishing a secure control zone which contains at least the accident scene. (Military accident control zone perimeters should be at least 2000 ft.) Local emergency response personnel should make only necessary entries into the secured control zone. No attempt should be made to clean up or otherwise disturb debris or materials involved in the accident except for lifesaving rescue operations.
6. All injured personnel should be sent to transfer point(s) on the secured control zone perimeter with as little contact as possible being made with other personnel to prevent further injuries and/or the spread of contaminations. Promptly administer all necessary lifesaving measures. Avoid elective first aid except under physicians orders. Radiological accident patients should be monitored for radioactive contamination prior to transfer to hospital or other medical facility to minimize further contamination during transfer.
7. In accidents involving fires, approach upwind of the accident scene. All fires should be handled as though they involve toxic chemicals requiring appropriate personnel protective gear and operations procedures. Control all fires from as great a safety distance as possible. All equipment, clothing, and personnel should be monitored and checked for possible contamination before they leave the accident scene. A record should be maintained of all personnel present at accident scene.
8. Prohibit all eating, drinking, and smoking at the accident scene.

RE HCFS: Hazardous Materials-Emergency Action Guide-U.S. Dept. of Transportation. What to do and How to Report Military Aircraft Accidents-Naval Safety Center, Naval Air Station, Norfolk, VA 23511.
Emergency Handling of Radiation Accident Cases-U.S. Dept. of Energy.

HAZARDOUS MATERIALS ACCIDENT EMERGENCY GUIDELINES

When an incident/accident occurs which may involve either hazardous materials such as chemicals or radioactive materials emergency assistance should be requested, as needed, by contacting the following agencies/organizations in the order that they appear below until a response is assured.

NON-MILITARY ACCIDENTS

RADIOACTIVE MATERIALS ACCIDENTS

	<u>Phone Status</u>	<u>Phone Number(s)</u>
1. Local Civil Defense Office.....	()
2. Local Health Department.....	()
3. New York State Warning Point (NAWAS).....	24 hours	.....(518) 457-2200
4. N.Y.S. Dept. of Health-Bureau of Rad. Health.....	Business hours	.....(518) 474-2886
		.....(518) 474-2846
5. U.S. Dept. of Energy-Inter Agency Rad Assistance.....	24 hours	.....(516) 345-2200
	Information Only.....	.....(516) 345-3427

CHEMICAL ACCIDENTS

	<u>Phone Status</u>	<u>Phone Number(s)</u>
1. Local Civil Defense Office.....	()
2. Local Health Department.....	()
3. CHEMTREC (Chemical Transportation Emergency Center).....	24 hours	.....(800) 426-9300
4. N.Y.S. Dept. of Transportation (Reporting Oil Spills) ...	24 hours	.....(518) 457-7362

When an incident occurs which involves military aircraft, vehicles, or weapons (nuclear or conventional), call the military facility nearest the accident scene from the list below. It is important that the caller say that they are reporting a military aircraft (or vehicle) accident and want to speak to the base operations officer on duty, and report any details which they may have available regarding the accident (i.e. location, type, etc.).

U.S. Military Bases

	<u>Phone Status</u>	<u>Base Operators</u>
1. Niagara Falls AFB, Niagara Falls NY.....	24 hours	.....(716) 297-4100
2. Hancock AFB, Syracuse NY.....	24 hours	.....(315) 458-5500
3. Griffis AFB, Rome NY.....	24 hours	.....(315) 330-7400
4. Plattsburgh AFB, Plattsburgh NY.....	24 hours	.....(518) 565-7110
5. McGuire AFB, NJ.....	24 hours	.....(609) 440-0111

MILITARY ACCIDENTS

HAZARDOUS MATERIALS EMERGENCY RESPONSE PROCEDURE GUIDELINES

PURPOSE: These Guidelines are intended to provide first-on-the-scene emergency response personnel with guidance on the handling of accidents involving either chemical and/or radioactive materials. Priority consideration has been and should be taken into account regarding maximum protection for emergency response personnel in the performance of their respective duties. These Guidelines are applicable for both non-Military and Military accidents involving hazardous materials.

PROCEDURES: First-on-the-scene emergency response personnel should follow the procedures listed below so as to expedite an effective, timely and coherent response to hazardous materials accident emergencies and minimize any threat to the Public Safety.

1. Every effort should be made to rescue persons believed to be alive and entrapped in any wreckage.
2. Obtain any and all information relative to the hazardous materials which may be involved in the accident (bills of lading, interviews, etc.).
3. Upon confirmation that either chemicals or radioactive materials are involved in the accident, contact the appropriate response agency listed on the reverse side of this Appendix in the order they are listed until a response is assured.
4. Reroute all traffic as far from the accident as practical.
5. Restrict access to the scene of the accident by the public by establishing a secure control zone which contains at least the accident scene. (Military accident control zone perimeters should be at least 2000 ft.) Only emergency response personnel should make only necessary entries into the secured control zone. No attempt should be made to clean up or otherwise disturb debris or materials involved in the accident for lifesaving rescue operations.
6. All injured personnel should be sent to a collection point(s) on the secured control zone perimeter with as little delay as possible being made with other personnel to prevent further injuries and/or the spread of contaminations. Promptly administer all necessary lifesaving measures. Avoid elective first aid except under physicians orders. Radiological accident patients should be monitored for radioactive contamination prior to transfer to hospital or other medical facility to minimize further contamination during transfer.
7. In accidents involving fires, approach upwind of the accident scene. All fires should be handled as though they involve toxic chemicals requiring appropriate personal protective gear and operations procedures. Control all fires from as great a safety distance as possible. All equipment, clothing, and personnel should be monitored and checked for possible contamination before they leave the accident scene. A record should be maintained of all personnel present at accident scene.
8. Prohibit all eating, drinking and smoking at the accident scene.

REFERENCES: Hazardous Materials-Emergency Action Guide-U.S. Dept. of Transportation.
What to do and How to Report Military Aircraft Accidents-Naval Safety Center, Naval Air Station, Norfolk, VA 23511.
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HAZARDOUS MATERIALS ACCIDENT EMERGENCY GUIDELINES

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5. U.S. Dept. of Energy-Inter Agency Rad Assistance.....	24 hours(516) 345-2200
	Information Only.....	(516) 345-3427

CHEMICAL ACCIDENTS

	<u>Phone Status</u>	<u>Phone Number(s)</u>
1. Local Civil Defense Office.....	()
2. Local Health Department.....	()
3. CHEMTEC (Chemical Transportation Emergency Center).....	24 hours	.....(800) 424-9300
4. N.Y.S. Dept. of Transportation (Reporting Oil Spills).....	24 hours	.....(518) 457-7362

When an incident occurs which involves military aircraft, vehicles, or weapons (nuclear or conventional), call the military facility nearest the accident scene from the list below. It is important that the caller say that they are reporting a military aircraft (or vehicle) accident and want to speak to the base operations officer on duty, and report any details which they may have available regarding the accident (i.e. location, type, etc.).

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5. McGuire AFB, NJ.....	24 hours(609) 440-0111

MILITARY ACCIDENTS

EMERGENCY OPERATIONS PLAN
Annex K, App. 5.b.

STATE OF NEW YORK
RDAM 2-5, App. 5.b.
May 1976

EXCERPTS FROM

UNITED STATES IRAP

Interagency Radiological Assistance Plan

Revised April 1975

ERDA-10

Energy Research &
Development Administration **ERDA**

The complete IRAP plan, also know as report ERDA-10 is
available from the following:

USERDA - Technical Information Center
P.O. Box 62
Oak Ridge, Tenn. 37830

Excerpts From The U.S. Interagency Radiological Assistance Plan, Apr. 75

Organization and Responsibilities

The Energy Research and Development Administration is designated the agency responsible for directing the administration, implementation, and application of the provisions of the IRAP with the cooperation of the other participating Federal agencies. The ERDA will carry out its responsibility through a National Coordinating Office (NCO) at ERDA Headquarters and regional coordinating offices at ERDA field offices. The ERDA periodically shall inform the ICRA of the steps taken to implement ERDA responsibilities under the Plan.

Purpose

The purpose of this Plan is to provide for:

1. prompt and effective radiological assistance as may be needed for the protection of health, safety and welfare from radiological hazards resulting from radiological incidents;
2. the coordination of Federal, State and local radiological assistance operations; and
3. the encouragement of the development of state and local plans and capabilities to cope with radiological incidents.

training

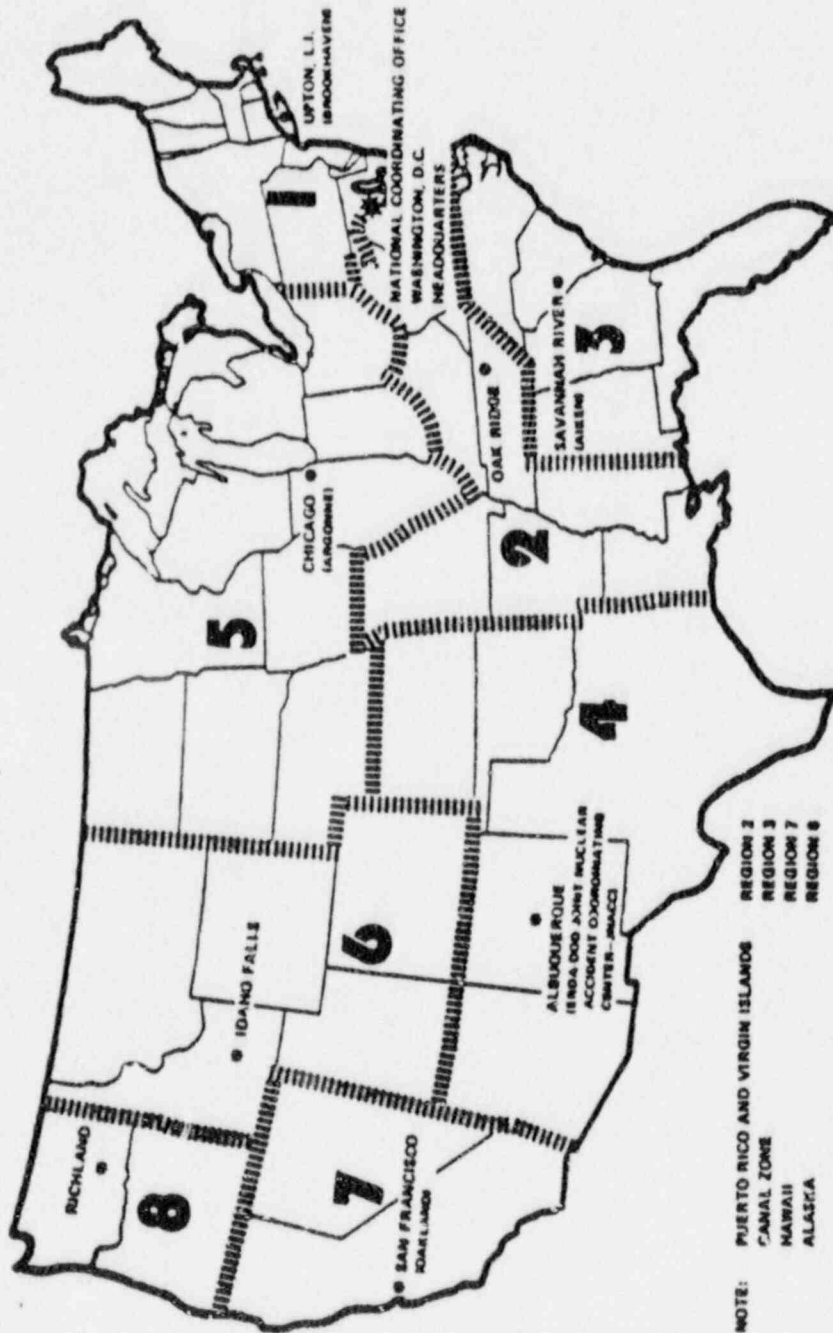
The Radiological Incident Response Training Guidelines are attached as Annex III.

Definitions for the Purpose of this Document

1. **Radiological assistance** means actions taken after a radiological incident to:
 - evaluate the radiological health hazard;
 - minimize personnel exposure to radiation and/or radioactive materials;
 - minimize the spread of radioactive contamination;
 - minimize damaging effects on property;
 - assist in carrying out emergency rescue and first aid procedures necessary to save life and minimize injury;
 - provide technical information to appropriate authorities and medical advice on the treatment of injuries complicated by radioactive contamination; and
 - provide information to the public as quickly as possible in order to minimize undue public alarm and to assist in the orderly conduct of emergency activities.
2. **Radiological incident** means an occurrence which results in the loss of control of radioactive materials resulting in a hazard or potential hazard to life, health or property.
3. **Resources** means administrative, technical, advisory, jurisdictional and command capabilities; and personnel, facilities, equipment, services, supplies and other materials.
4. **Coordinating office** means an office responsible for coordination of IRAP implementing and operating activities within a specified geographical area.
5. **A local government** means any county, city, village, town, district, or other political subdivision of any state, and includes any rural community or unincorporated town or village for which an application for assistance is made by a state or political subdivision thereof.
6. **Emergency** means a sudden or unforeseen incident or occurrence in the United States which requires immediate emergency assistance to save lives, and safety or property, or to avert or lessening of a disaster.
7. **Major disaster** means any hurricane, tornado, storm, flood, high water, wind-driven water, tidal wave, tsunami, earthquake, volcanic eruption, landslide, mudslide, snowstorm, drought, fire, explosion, or other catastrophe in any part of the United States which, in the determination of the President, causes damage of sufficient severity and magnitude to warrant major disaster assistance under PL 93-288, above and beyond emergency services by the Federal Government, to supplement the efforts and available resources of states, local governments, and disaster relief organizations in alleviating the damage, loss, hardship, or suffering caused thereby.
8. **National emergency** means a condition declared by the President or the Congress by virtue of powers previously vested in them which authorize certain emergency actions to be taken in the national interest. Actions to be taken may include partial or total mobilization of national resources. (Department of Defense Dictionary of Military and Associated Terms, January 3, 1972-JCS Publication No. 1.)

Excerpts From The U.S. IRAP, Apr. 75

ERDA Radiological Assistance Regions & Coordinating Offices



NOTE: PUERTO RICO AND VIRGIN ISLANDS REGION 2
CANAL ZONE REGION 3
HAWAII REGION 7
ALASKA REGION 8

U.S. Energy Research & Development Administration
Brookhaven National Laboratory
Upton, L.I., N.Y. 11973

Phone: AC 516 345-2200 (Emergency 24 Hr.)
AC 516 345-3427 (Information)

Note:

In N.Y. State, the State Health Department is the "lead agency" for purposes of notification of peacetime nuclear incidents. Notification of the State Health Department may be made directly during normal business hours by calling: Area Code 518 474-2886, 474-2846, or 474-2882.

During non-business hours call the N.Y. State Office of Disaster Preparedness
Warning Point: Area Code 518 457-2200 Primary Number
" " 518 457-6811 Back-Up Number

Excerpts From The U.S. Interagency Radiological Assistance Plan, Apr.1975

Radiological Incident Response Training Guidelines

Annex III

Purpose

These Radiological Incident Response Training Guidelines are intended to encourage the development of training material and provide for access to sources of instruction appropriate for the personnel of Federal, State and local organizations who might be expected to respond in the interests of public health and safety to cope with hazards that might result from incidents involving radioactive materials.

Objectives

1. The training of appropriate persons to insure that:
 - immediate emergency actions at the scene of a radiological incident will be taken to minimize personal injury, loss of life, property damage and radiological hazards; and
 - action to inform the public and to assist in restoring normalcy will be taken as soon as possible after the incident.
2. The formulation and dissemination of criteria, information and procedures to be utilized in pre-incident planning and indoctrination aimed at:
 - preventing irresponsible action at the scene of a radiological incident; and
 - mitigating adverse psychological reactions of individuals and members of the public who may become concerned with a radiological incident.

Applicability

1. Personnel to be provided training include those:
 - likely to be at the scene of an incident when it occurs;
 - subject to being-called for assistance in the immediate vicinity of an incident; and
 - local authorities who need to cooperate in obtaining emergency assistance (either locally or from organized radiological assistance capabilities).
2. Training material should be developed for:
 - a short course designed for persons who would not be expected to come in contact with radiological problems in their normal activities; and

- a moderate length course designed for persons occupied in work concerned with health and safety who might have opportunity for contact with radiological problems.

Policy

These Radiological Incident Response Training Guidelines must be implemented as fully as practicable, and be integrated into the existing training activities of the IRAP signatory Federal agencies; and whenever feasible, into the training activities of state and local groups also. This training should not be considered to require the formulation of special training organizations.

Implementing Procedures for IRAP Agencies

1. The Interagency Committee on Radiological Assistance (ICRA) will form a Training Coordination Subcommittee (TCS) consisting of not more than one representative from each signatory agency which shall have the responsibility of assuring that existing training is made available to appropriate communities and that duplication is prevented where more than one training capability exists.
2. Each IRAP signatory agency will provide upon request by the ERDA National Coordinating Office such assistance in the training of Federal, State and local personnel and in the dissemination of information as is available through its normal operating responsibilities and capabilities.
3. Each signatory agency will provide, as is feasible, information regarding its training activities upon request by the ERDA National Coordinating Office.
4. The ERDA National Coordinating Office with the advice and assistance of the TCS will apprise appropriate IRAP signatory agencies of the magnitude and importance of radiological incident response training needs and request them to assume specific responsibilities, subject to commitments of higher priority, for implementation of such training activities as are within the scope of their respective competencies.