

NEW YORK POWER AUTHORITY  
 INDIAN POINT NO. 3 NUCLEAR POWER PLANT  
 EMERGENCY PLAN - VOLUME II  
 EMERGENCY RESPONSE ACTIVATION

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RADIOLOGICAL ASSESSMENT TEAM LEADER:		
DOSE ASSESSMENT H.P.:		
OFFSITE RAD. COMMUNICATOR:		
ONSITE RAD. COMMUNICATOR:		
EOF RAD. MONITOR:		
MIDAS OPERATOR:		
OFFSITE COMMUNICATOR:		
ONSITE COMMUNICATOR:		
TECHNICAL ADVISOR:		
EOF ACCT. OFFICER:		
EOF CLERK:		
PUBLIC RELATIONS LIAISON:		
PUBLIC RELATIONS TECHNICAL ADVISOR:		
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Indian Point 3  
Nuclear Power Plant  
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914-736-8000



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EMERGENCY PLAN PROCEDURES

PROCEDURE NO. IP-1040 REV. 13

TITLE: HABITABILITY AND PERSONNEL MONITORING OF THE  
EMERGENCY RESPONSE FACILITIES (ERFS)

WRITTEN BY: Maureen Chaudhry 12/2/93  
SIGNATURE/DATE

REVIEWED BY: Laurence D. Dore 12/10/93  
SIGNATURE/DATE

PORC REVIEW: 4217 Hamlin 12/17/93  
SIGNATURE/DATE

APPROVED BY: [Signature] 12/16/93  
SIGNATURE/DATE

EFFECTIVE DATE: 01/01/94

PROCEDURE USE IS  
REFERENCE

IP-1040

HABITABILITY AND PERSONNEL MONITORING OF THE EMERGENCY RESPONSE FACILITIES

1.0 PURPOSE

This procedure is to ensure habitability and personnel monitoring are established in the Emergency Response Facilities (ERFs) in order to maintain personnel exposure as low as reasonably achievable (ALARA).

2.0 APPLICABILITY

The Emergency Response Facilities at IP-3 are the Emergency Operations Facility (EOF), Operations Support Center (OSC), and Technical Support Center (TSC).

Directions for determining radiological conditions, establishing personnel monitoring controls, and relocation information for the ERFs are described in the following section.

3.0 PROCEDURE

3.1 Non-Radiological Condition

3.1.1 Personnel should report to their accountability officer prior to leaving a facility. Anyone leaving a facility must do so through the Control Point.

3.2 Radiological Condition Exists or Is Anticipated

In addition to the above, the following shall be implemented:

3.2.1 A Health Physics Technician shall unlock emergency lockers (if not already), operationally test and set up the radiological monitoring equipment at a control point.

3.2.2 A frisking station will be set up at each ERF Control Point. Any person entering a facility must frisk.

3.2.3 General radiation levels are recorded by means of a dosimeter and TLD at each location. The dosimeters and TLDs should be taped inside each facility at average chest level.

3.2.4 The OSC/TSC interlocking door system will be energized (see Attachment 4.3) at the direction of the OSC Manager.

3.2.5 The TSC door shall be locked and all entries/exits will be made through the OSC Control Point.

3.2.6 The Boiler Room door on the 2nd Floor Admin. Building, opposite the Central Planning Office shall be posted 'No Entry'.

3.2.7 In the OSC/TSC and Control Room, initial and periodic beta and gamma surveys shall be performed using facility maps and/or a log book to record data. Survey frequency should be determined by the H.P. Team Leader in the OSC.

- 3.2.8 In the EOF, initial and periodic beta and gamma surveys shall be performed inside/outside the EOF and outside the building using EP-Form #42 (Attachment 4.1) and/or the EOF map to record data. Survey frequency should be determined by the Radiological Assessment Team Leader (RATL).
- 3.2.9 Survey results will be analyzed and evaluated for potential radiation hazard by radiological assessment personnel, Health Physics personnel, or the Facility Manager.

3.3 Habitability Guidance

- 3.3.1 The following factors and conditions must be considered when deciding habitability of the ERFs:
- A. Whole body, beta, iodine doses;
  - B. Meteorological conditions:
    - plume direction
    - atmospheric stability
    - weather forecast
  - C. Plant conditions:
    - Is a radiological release in progress or terminated?
    - Is the release expected to continue for hours or days?
    - Is the plant in a stable condition?
    - Is further degradation of plant conditions probable?
  - D. Advantages and disadvantages of relocating.

3.3.2 The Emergency Director (ED) shall be consulted prior to evacuation of any ERF.

3.3.3 The following should be used as general guidance:

- A. Whole Body and Beta Doses:  
(Maximum acceptable total dose for a 10-hour release.)

<u>Fields</u>	<u>Considerations</u>	<u>WB</u>	<u>Beta *</u>
10 mRem/hr.	move if feasible	100 millirem	300 millirem
100 mRem/hr.	move if at all possible	1000 millirem	3000 millirem
500 mRem/hr.	move	5000 millirem	15000 millirem

\* Beta = 3 x WB rather than 6 x WB because the lens of the eye has been factored into the calculation.

- B. Iodine Doses

NOTE: The ED must approve the use of KI for NYPA personnel in accordance with IP-1019 (Volume III of the Emergency Plan).

From the iodine sample taken, the concentration of I-131 can be determined and from this the dose of I-131 is determined.

Dose = Concentration ( $\mu\text{Ci/cc}$ ) x  $1.3 \times 10^6$  x hr. breathed = Rem thyroid

R

If doses are greater than 5 Rem thyroid, make the determination of whether or not to evacuate the ERF and relocate.

### 3.4 Relocation

#### 3.4.1 Operations Support Center (OSC)/Technical Support Center (TSC)

If the OSC/TSC becomes uninhabitable, the following actions should occur with the approval of the ED:

- A. The TSC Manager and designated individuals will relocate to the Control Room (CCR) to perform accident assessment. Other TSC Staff members should report to the EOF/AEOF and establish communication with the accident assessment team in the CCR.
- B. The OSC Staff will relocate to an area where radiological conditions are not a concern. Communications will be re-established accordingly.
- C. To exit the OSC/TSC, sign out using the Control Point log book or OSC Briefing Form (EP-Form #18). Dosimetry and/or protective clothing should be worn as per the H.P. Team Leader.

#### 3.4.2 Emergency Operations Facility (EOF)

If the decision is made to relocate to the Alternate Emergency Operations Facility (AEOF), the following actions should occur:

- A. The ED shall notify the CCR and request the Plant Operations Manager (POM) assume the role of ED, including control of dose assessment and offsite communications. Assignment of EOF/CCR Staff to these activities should be considered by the ED prior to relocation to the AEOF (refer to Volume II, EOF Section of the Emergency Plan).
- B. To exit the EOF, sign out using EP-Form #45 (Attachment 4.2). Dosimetry and/or protective clothing should be worn as per the RATL. If dosimetry is required, issuance will be as a group.
- C. Once the AEOF has been established and can resume control of the emergency, the ED at the AEOF will notify the CCR.

### 4.0 ATTACHMENTS

- 4.1 EP-Form #42 - EOF Radiological Survey Form
- 4.2 EP-Form #45 - EOF Personnel Dosimetry Record
- 4.3 EP-Operator Aid - OSC/TSC Interlocking Doors



EP-FORM #45

EOF PERSONNEL DOSIMETRY RECORD

DATE: \_\_\_\_\_

INDIVIDUAL	TLD #	TIME		DOSIMETER READING		NET
		EXIT	RETURN	EXIT	RETURN	DOSE
<u>PRINT NAME</u>		1)				
		2)				
<u>SIGNATURE</u>		3)				
		4)				
<u>PRINT NAME</u>		1)				
		2)				
<u>SIGNATURE</u>		3)				
		4)				
<u>PRINT NAME</u>		1)				
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		4)				
<u>PRINT NAME</u>		1)				
		2)				
<u>SIGNATURE</u>		3)				
		4)				

EP-OPERATOR AID #11  
OSC/TSC INTERLOCKING DOORS

The Interlocking Door circuit breaker is located in Lighting Panel LP-OTSC-2D in the OSC/TSC hallway across from the Communications Room.

ENERGIZING THE INTERLOCKING DOOR SYSTEM

1. Turn the switches on the Air Lock Doors Monitoring Panel CP-45 in the Communications Room to "Energ".
2. Close all doors entering the OSC and TSC (3 doors per entrance).
3. Check operability of the interlock:
  - a. The OSC (TSC) inner door should only open if the 2 doors leading into the 2nd Floor Admin. Building are closed.
  - b. The 2 doors leading into the 2nd Floor Admin. Building should only open if the OSC (TSC) inner door is closed.

DE-ENERGIZING THE INTERLOCKING DOOR SYSTEM:

1. Turn switches on the Air Lock Doors Monitoring Panel CP-45 in the Communications Room to "OFF".
2. Ensure all doors can be opened simultaneously.

NOTE: If system does not de-energize, check if R-44A and R-44B on the Radiation Panel CP-42 are in the "Alert" mode. If they are, the system will not de-energize until the alarms are cleared. If R-44A and R-44B are not in "Alert" mode and the system does not de-energize, go to the HVAC Room Control Panel #CP-41. Push the Annunciator ACK (black button) and then the RESET button on the bottom row left. A PID should be submitted to Work Control.

EMERGENCY CONDITION:

1. The Interlocking Door System will automatically energize upon R-44A and R-44B alarming. Doors must then be closed to initiate the interlock mechanisms.

NOTE: Each door has an emergency 'unlock'. In the event the need to override the interlock system occurs, pull down the fire alarm liner (inside TSC door between Documents Vault and Westinghouse Office) and open the door. This must then be reported to the OSC Manager.

ACCOUNTABILITY

<u>ACCOUNTABILITY AREA</u>	<u>ACCOUNTABILITY OFFICER</u>	<u>OFFICE EXT.</u>	<u>ASSEMBLY AREA EXT.</u>
Lead Account. Officer	Security Shift Coordinators		
Training	Kim Begany Bill Heady Bruce Witherell		
Warehouse	Richie Bell Julie Heier Richie Ryan		
Machine Shop	Chuck Alphin Dennis Colwell Roseann Jowitt Jeanine Schukal		
Site Engineering Building	Marie Campanaro Tony Iraola Nancy Lull		
Control Room	Barbara Grein Al Martuscelli Gail Ruh		
TSC	Don Calabrese Lisa Cole Jean Moretti		
OSC	Mike Dinelli Mary Ellen Mastrogia Bernadette Wiggin		
EOF	Laura Eagens Shannon Lyons Christine Metzger Jennifer Pfannes		

Con Edison Service Center  
(West Store Room Area)

10

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1R  
1R

TELEPHONE EXTENSIONS

IP-3 Control Room  
IP-2 Control Room (Con Edison)  
IP-2 NEM Lab/Offsite Teams (Con Edison)  
Shift Supervisor's Office  
Operations Manager's Office  
Security Shift Coordinator  
Command Guard House (CAS)  
Con Edison LAO  
Westinghouse (Gary Fidler)  
OSC Manager  
H.P. Team Leader (OSC)  
Security Team Leader (OSC)  
TSC Manager  
Emergency Director (EOF)  
Emergency Director (AEOF)  
EOF Onsite Rad. Communicator  
NRC IP-3 Resident Inspector  
Construction Services Office  
Met. Office Trailer  
Training Center  
Site Engineering Office

MAR 1994



EMERGENCY PLAN PROCEDURES

PROCEDURE NO. IP-1070 REV. 26

TITLE: PERIODIC INVENTORY OF EMERGENCY PLAN EQUIPMENT

THIS PROCEDURE HAS BEEN EXTENSIVELY REVISED

WRITTEN BY: Maggie M. Cough 06/08/94  
SIGNATURE/DATE

REVIEWED BY: Maureen Chaubard 6/13/94  
SIGNATURE/DATE

PORC REVIEW: Y.P. Hamel 6/15/94  
SIGNATURE/DATE

APPROVED BY: D. W. [Signature] 6/15/94  
SIGNATURE/DATE

EFFECTIVE DATE: 07/31/94

**PROCEDURE USE IS  
REFERENCE**

IP-1070

PERIODIC INVENTORY OF EMERGENCY PLAN EQUIPMENT

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	5.4 Semi-Annual Equipment Inventory	
	5.5 Implementing Procedure Cross-Reference	

IP-1070

PERIODIC INVENTORY OF EMERGENCY PLAN EQUIPMENT

1.0 PURPOSE

This procedure describes the actions required to accomplish the periodic inventory of emergency equipment stored in the following areas:

- Emergency Response Facilities (ERFs): Control Room (CCR), Emergency Operations Facility (EOF), Alternate Emergency Operations Facility (AEOF), Technical Support Center (TSC), and Operations Support Center (OSC);
- Assembly Areas: Machine Shop in the 15 Ft. Administration Building, Warehouse, Site Engineering, and Training Buildings;
- Emergency (EP) Vehicles: EP-1 and EP-2;
- Security: Command Post, Central Alarm Station (CAS), and Secondary Alarm Station (SAS);
- Administration Building, Fourth (4th) Floor Decontamination Room;
- Hospitals: Hudson Valley Hospital Center (HVHC) at Peekskill/Cortlandt, Phelps Memorial Hospital, and four (4) designated MS-1 hospitals:
  - Westchester County Medical Center
  - The Cornwall Hospital (Orange Co.)
  - Putnam County Hospital Center
  - Good Samaritan Hospital (Rockland Co)
- IP-3 CCR Simulator: All equipment stored in the Simulator is to be used for training purposes only and is not required to be calibrated.

2.0 RESPONSIBILITIES

2.1 The Emergency Planning Coordinator (EPC)/designee is responsible for:

- Issuing required inventory checklists to the responsible groups with a designated completion date.
- Ensuring post-drill/emergency inventories are performed within 24 hours after the drill/emergency.
- Completing a job briefing with personnel who will be performing the inventories to ensure understanding of required tasks before the inventory process is begun, and acquire feedback after the inventory has been completed. Refer to Attachment 5.1, "Emergency Plan Job Briefing".

- Reviewing and summarizing results of the inventory(s) by listing any discrepancies and follow-up corrective actions on the first page of the applicable inventory.

NOTE

The results are reviewed independently of the person who performs the inventory.

- Updating the Action Commitment Tracking System (ACTS), if required as per EP-ADM-02, "Emergency Planning Commitment Tracking".
  - Identifying deficiencies that warrant entry of a Deviation Event Report (DER) using EP-ADM-02, "Emergency Planning Commitment Tracking".
  - Ensuring that corrections are made, where required.
  - Filing completed checklists in the Emergency Plan Maintenance File.
- 2.2 The Emergency Planning Staff is responsible for completion of equipment inventories, as assigned by the EPC/designee.
- 2.3 Radiological and Environmental Services (R.E.S.) Department personnel are responsible for the following:
- The Health Physics Section of the R.E.S Department is responsible for performing sections of the periodic inventories as directed by the EPC/designee. All calibration, necessary repair, and changeout of radiation monitoring equipment shall be handled by Health Physics.
  - The Radwaste Section of the R.E.S. Department is responsible for completing on a monthly basis the Respiratory Protection Equipment Inventory. This includes ensuring the removal and replacement of equipment as necessary.
- 2.4 The Fire and Safety Manager/designee is responsible for the emergency first aid equipment in accordance with MED-7.0, "Emergency Medical Services Equipment Inspection".
- 2.5 The Computer Services Group at IP-3 is responsible for testing the Emergency Response Data System (ERDS) in accordance with IP-1039, "Emergency Response Data System (ERDS) Activation and Testing". Documentation shall be attached to the quarterly inventory by the EPC/designee.
- The Computer Services Group also maintains the Safety Parameter Display System (SPDS).

- 2.6 The Corporate Emergency Preparedness Group in the NYPA White Plains Office is responsible for performing a monthly inventory of equipment located in the AEOF, also known as the Emergency Response Center (ERC).
- 2.7 Con Edison is responsible, per Memorandum of Understanding (MOU) #28, for the following:
- Quarterly checks of their emergency equipment located in the EOF and in their emergency vehicles and after each drill. Con Edison Technical Support Department Procedure TS-S-7.301, "Periodic Check of Stored Emergency Equipment and Supplies", will be used.
  - Communication checks in accordance with Con Edison Technical Support Department Procedure TS-S-7.302, "Periodic Check of Emergency Radios, Telephones, and Outdoor Alarms".
  - Forwarding copies of their completed checklists to the IP-3 EPC for review and filing.

### 3.0 REFERENCES

- 3.1 NUREG 0654, Rev. 1
- 3.2 Emergency Plan, Volume I, Section 8.0, "Maintaining Emergency Preparedness"
- 3.3 EP-ADM-02, "Emergency Planning Commitment Tracking"
- 3.4 IP-1038, "Offsite Emergency Notifications"
- 3.5 IP-1039, "Emergency Response Data System (ERDS) Activation and Testing"
- 3.6 Memorandum of Understanding (MOU) #28
- 3.7 MED-7.0, "Emergency Medical Services Equipment Inspection"

### 4.0 PROCEDURE

- 4.1 RECEIVE a job briefing from the EPC/designee prior to performing any inventory.
- 4.2 NOTIFY the Shift Supervisor (SS) or Senior Reactor Operator (SRO) in the CCR prior to initiating the inventory. Log the date of this conversation as indicated on appropriate CCR inventory list.
- 4.3 PERFORM the periodic equipment inventory as directed by this procedure.
- A. USE Attachment 5.2, "Monthly Equipment and Communications Inventory" to complete required inventories or upon termination of an actual emergency.

NOTE

The Emergency Room Head Nurse at each hospital needs to be informed when you arrive to perform an inventory.

- B. USE Attachment 5.3, "Quarterly Equipment Inventory" to complete required inventories or upon termination of an actual emergency.
- C. USE Attachment 5.4, "Semi-Annual MS-1 Hospital Inventories" to complete required inventories or upon termination of an actual emergency.

NOTE

Post-drill inventories can be used to fulfill periodic inventory requirements.

- 4.4 INDICATE each piece of equipment is present and operational, if required, by placing a check ( / ) in the "Present" column.
  - The minimum number of supplies/equipment is listed on the inventory but complete testing of excess equipment is also required.
- 4.5 PERFORM operational checks on equipment marked by an asterick (\*) on each inventory list as follows:
  - A. CHECK operability of radiological monitoring equipment as per approved H.P. procedures.
  - B. CHECK operability of communications equipment such as headsets, radios, telephones, dose assessment equipment, etc., as listed on the inventory.
  - C. USE Attachment 5.5, "Implementing Procedure Cross-Reference" to find the implementing procedure which contains the specific instructions for equipment operability verification, as necessary.
  - D. TEST the NRC ENS (Emergency Notification System) and HPN (Health Physics Network) Phones located as follows:
    - CCR, TSC, EOF (ENS)
    - OSC, EOF (HPN)

- PICKUP the ENS or HPN Phone in the EOF and call the respective phones in other areas. The phone numbers for each area are listed on the inventory. Reference IP-1038, "Offsite Emergency Notifications" as necessary.
- 4.6 RECORD the calibration due date in the appropriate columns for radiation monitoring equipment and dosimetry.
- A. COORDINATE with Dosimetry Technicians the quarterly changeout of TLDs in the CCR and OSC, and extremity ring TLDs in the OSC, HVHC, and Phelps Memorial Hospital.
  - B. REPLACE escort TLDs annually in the following locations:
    - Security Command Post: Ambulance Kit and Offsite Fire Fighter Kit;
    - Fire Brigade Lockers;
    - All Hospitals.
  - C. NOTIFY H.P. Supervision of any equipment with calibration due in the month and/or quarter of the inventory.
  - D. CHANGE equipment prior to the calibration due date.
- 4.7 INDICATE any appropriate comments next to items found defective.
- 4.8 REPLACE defective and/or missing equipment, and record the details in the "Comments" column.
- 4.9 SIGN and DATE each page of the inventory checklist upon completion.
- 4.10 SUBMIT completed inventories to the EPC/designee for review and signature during the post-job briefing.
- 5.0 ATTACHMENTS
- 5.1 Emergency Plan Job Briefing
  - 5.2 Monthly Equipment Inventory
  - 5.3 Quarterly Equipment Inventory
  - 5.4 Semi-Annual MS-1 Hospital Inventory
  - 5.5 Implementing Procedure Cross-Reference

END OF TEXT

ATTACHMENT 5.1

EMERGENCY PLAN JOB BRIEFING

REVIEW the following items with appropriate personnel prior to starting inventory.

- \_\_\_ 1. CIRCLE the required inventory(s) to be performed:  
Monthly / Quarterly / Semi-Annual / Post-Drill      COMPLETE by: \_\_\_\_\_
- \_\_\_ 2. REMEMBER to notify the CCR prior to initiating this inventory.
- \_\_\_ 3. REMIND Computer Services about the ERDS test to be conducted on the first Thursday of each quarter (January, April, July, October).
- \_\_\_ 4. OBTAIN necessary keys from the R.E.S. Department Key Locker unless otherwise noted on a specific checklist.
- \_\_\_ 5. REVIEW IP-1070, "Periodic Inventory of Emergency Plan Equipment".
- \_\_\_ 6. COORDINATE efforts when testing the facility direct lines and NRC phones so people can be available to answer. This is usually done on a Tuesday when the weekly RECS Line and Local Government Radio tests are performed.
- \_\_\_ 7. ENSURE equipment is calibrated at least through the next month.
  - IF calibrations are due within the month/quarter of the inventory, THEN notify H.P. supervision and inform Emergency Planning.
  - ENSURE dosimeters are available which could be used in lieu of any dosimeters being removed for calibration (i.e., 200 R dosimeters being removed, ensure 100 R dosimeters are still available).
- \_\_\_ 8. NOTIFY the EPC/designee immediately of any deficiencies (i.e., 5-Party Line, ENS, HPN out of service), so arrangements can be made for necessary repair as soon as possible.
- \_\_\_ 9. ENSURE testing of the headsets in the OSC as per IP-2203, "OSC Dispatcher", Volume II of the Emergency Plan.
- \_\_\_ 10. REMEMBER to get the cellular phone handsets from the OSC locker prior to performing the EP-Vehicle inventory.

Personnel Briefed:

Briefing Performed By/Date:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

ATTACHMENT 5.1, Continued

DATE: \_\_\_\_\_

EMERGENCY PLAN JOB BRIEFING

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DISCUSS the following items with the appropriate personnel after inventory completion.

1. REPORT final conditions upon completion of assigned inventory(s).

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2. DEFINE any procedure inadequacies.

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ATTACHMENT 5.2, Continued

MONTHLY EQUIPMENT INVENTORY

Location/No.	Equipment	Present	Comments
<u>CONTROL ROOM:</u> (Key #76 in CCR Key Locker.)			
Notified Control Room: Y / N Date:		N/A	
o 1	IBM PC w/Printer / Dose Assessment (IP-1001)	*	
1	TI Data Terminal (IP-1003/IP-1004)	*	
-	5-Party/4-Party Direct Lines	*	
-	NRC ENS Phone: (██████████)	*	
-	RECS Line (tested weekly by NY State)(IP-1038)	*	
2	FAX Machines: (██████████ / ██████████)	*	
3	Telephone Headsets	*	
-	NYPA extensions/outside lines	*	
-	Con Edison Radio (Freq. #1)	*	
-	Local Government Radio (IP-1038)	*	
<u>EOF:</u>			
o 1	IBM PC w/ Printer / Dose Assessment (IP-1001)	*	
o 1	SPDS w/Printer (key in IP-2303 Tech. Advisor)	*	
1	TI Data Terminal (IP-1003/IP-1004)	*	
1	EAR Tone Alert	*	
4	FAX Machines: (██████████)	*	
	(██████████)	*	
	(dial 9) (██████████)	*	
	(██████████)	*	
1	Xerox 7010 Telecopier (██████████) (P.R.)	*	
2	Mita Photocopiers	*	
3	Overhead Projectors	*	
-	Intercoms	*	
-	RECS Line (tested weekly by NY State)(IP-1038)	*	
-	5-Party/4-Party Direct Lines	*	
-	TSC Direct Line	*	
-	Control Room Direct Line	*	
-	JNC Direct Line	*	
-	NRC ENS Phone: (██████████)	*	
-	NRC HPN Phone: (██████████)	*	
4	Headsets (Communicator consoles)	*	
-	NYPA extensions/outside lines	*	
-	Local Government Radio (IP-1038)	*	
-	Con Edison Radio (Freq. #1)	*	

- \* Operational check required.
- o Use referenced procedures as necessary.

\_\_\_\_\_  
 Signature / Date

ATTACHMENT 5.2, Continued

MONTHLY EQUIPMENT INVENTORY

Location/No.	Equipment	Present	Comments
<u>OSC MANAGER/TEAM LEADER AREA:</u>			
-	5-Party/4-Party Direct Lines	*	
-	NRC HPN Phone: ( )	*	
-	NYPA extensions/outside lines	*	
1	Telephone headset	*	
o 6	HT-600 Motorola Radios (IP-2203)	*	
o 1	Motorola Base Station (IP-2203)	*	
1	Con Edison Handy Talkie (Freq. #1)	*	
-	Portable Page System	*	
<u>OSC EMERGENCY LOCKER #2:</u>			
o 4	DTC headsets w/throat mike (IP-2203)	*	
<u>OSC/TSC COMMUNICATIONS ROOM:</u>			
1	FAX Machine: ( )	*	
o -	OSC/TSC Interlock Doors (IP-2200)	*	
1	Copy machine (OSC/TSC hallway)	*	
1	Switchboard (verify red light is lit)		
2	NYPA extensions	*	
<u>OSC/TSC RADIATION MONITORS:</u>			
No.	Monitor	Operational & Energized	Reading
R-41	TSC Particulate		
R-42	TSC Gas		
R-43	TSC I/2		
R-44A	TSC HVAC Radiation		
R-44B	TSC Outside Radiation		
R-44C	TSC Inside Radiation		
R-44D	TSC Inside Radiation		
<u>TSC Desk:</u>			
-	5-Party/4-Party Direct Lines	*	
-	WPO & EOF Direct Lines	*	
-	NRC ENS Phone: ( )	*	
-	NYPA extensions/outside lines	*	
-	Telephone headset	*	
1	Con Edison Handy Talkie (Freq. #1)	*	
<u>SECURITY COMMAND POST GUN ROOM:</u>			
2	Site Perimeter walkie-talkies (Freq. #1)	*	

- \* Operational check required.
- o Use referenced procedures as necessary.

\_\_\_\_\_  
 Signature / Date

ATTACHMENT 5.2, Continued

MONTHLY EP-VEHICLE INVENTORY

(2 Vehicles: EP-1 and EP-2. Keys are located in the OSC key locker.)

No.	Equipment	Present		Comments			
		EP-1	EP-2				
<u>BLUE TRUNK</u> (Sealed: If not, inventory & re-seal)							
-	Air filters/charcoal & silver zeo. cartridge						
-	Smears/air sample envlps./tweezer/planchetts						
-	Gauze wipes/maslin/small sample bags						
-	Small/large yellow rad. material bags						
-	Masking tape/clipboard/pens/grease pencils						
-	Spare batteries (AA, C, D, 9-volt)						
2	Rainsuits/PCs/surgeon caps/hoods						
4	Pair cotton liners/rubber gloves/shoe covers						
<u>FILE BOX</u>							
-	Procedures / forms (verify current rev.)						
4	Road maps (Orange/Putnam/Rockland/West.)						
-	Cellular Telephone Manual						
1	Flashlight	*	*				
1	Dosimeter charger (spare 'D' batteries)						
-	Spare generator fuses/asst. fuses						
<u>MISCELLANEOUS</u>							
o 1	Gas-powered generator	*	*				
o 1	Beacon	*	*				
-	Jumper cables/scraper/first aid/fire ext.						
1	10-Mile Wind Sector Map w/sample locations						
1	2-Mile Wind Sector Map w/sample locations						
1	Black tool box						
-	Credit/insurance cards/registr./inspection						
-	Change out monthly mileage envelope						
-	Clock (Radio: EP-1 / LCD: EP-2)	*	*				
-	Flourescent light	*	*				
o -	Cellular Phone (handsets in OSC Locker)	*	*				
o -	Mobile Radio Frequency #1/#2	*	*				
<u>INSTRUMENTS LOCATED IN EOF</u>							
No.	Equipment	Present		Cal. Due		H.P. Serial #	
		EP-1	EP-2	EP-1	EP-2	EP-1	EP-2
1	Frisker	*	*				
2	Probes w/cables	*	*				
1	RO-2A or equivalent ion chamber	*	*				
1	Air Sampler HV-809	*	*				
1	BC-4 Counter / TC-99 source	*	*				
1	SAM-2 or MS/2 / Ba-133 source	*	*				
1	Teletector / or Equivalent	*	*				
1	Calculator / stopwatch	*	*	N/A	N/A	N/A	N/A
1	Cs-137 Button Source			N/A	N/A	N/A	N/A

\* Operational check required.

o Use IP-1011 as necessary.

\_\_\_\_\_  
 Signature / Date

ATTACHMENT 5.2, Continued

HUDSON VALLEY HOSPITAL CENTER INVENTORY

No.	Equipment	Present	Comments	
-	Mobile storage & stainless steel carts			
10	Protective clothing packages			
-	Box surgical gloves			
-	Clipboard w/body charts and log sheets			
-	Copies IP-1021 (IP-3 Rad. Medical Emergency)			
1	Razor knife			
-	Saran wrap			
-	Roll white herculite			
-	Precut yellow herculite for Decon. Room			
-	Green herculite for outside Decon. Room			
-	White herculite covers (table & X-ray)			
-	"Caution - Contaminated Area" signs			
8	Lengths rad. rope with clips			
-	Rolls yellow & masking tape			
2	25 Ft. extension cords			
1	4-Outlet power box			
-	RMC Decon Kit & Sample Kit			
2	30-Gal. waste collection jugs			
1	15-Gal. yellow waste collection jug			
1	Washdown stretcher (hangs on wall)			
1	Green garden hose w/washdown fitting			
1	Lead pig			
1	Wall clock			
<u>Brown Cabinet:</u>				
-	Shoe covers (High-Low)			
-	Disposable towels / maslin			
-	Large/small yellow rad. material bags			
-	Roll rad. rope (rope off ambulance)			
<u>Shield Room w/in Decon Room:</u>				
1	Roll large clear poly bags			
1	Roll yellow herculite for hallway floor			
4	Metal stanchions (rope off ambulance)			
1	Step-off pad			
1	Maslin mop			
2	Dosimeter chargers (spare 'D' batteries)	*		
10	TLDs (replace annually)		Replaced	
10	Sets ring TLDs (replace quarterly)		Replaced	
No.	Equipment	Present	Cal. Due	H.P. Serial #
1	E-530 Survey Meter or equivalent	*		
2	Friskers	*		
3	Probes w/ cables	*		
12	0-200 mR dosimeters			Zeroed   N/A

\* Operational check required.

Signature / Date

ATTACHMENT 5.2, Continued

PHELPS MEMORIAL HOSPITAL INVENTORY

No.	Equipment	Present	Comments	
<u>Large Gray Cabinet:</u>				
1	Lead pig			
	- Precut yellow herculite (REA)			
	- Precut yellow herculite (hospital entrance)			
	- Green herculite for buffer zone			
	- Rolls masking tape			
1	Green garden hose			
	- RMC Decon Kit & Sample Kit			
	- "Caution - Contaminated Area" signs			
2	Razor knives			
	- Disposable towels			
	- Maslin			
1	Wall clock			
<u>Store Room:</u>				
1	Washdown stretcher			
8	Metal stanchions			
2	15-Gal. yellow waste collection jugs			
2	30-Gal. waste collection jugss			
1	Roll white herculite			
1	Step-off pad			
	- Maslin mop			
<u>Small Mobile Cabinet:</u>				
	- Rolls masking tape			
1	2-Outlet extension cord			
	- Shoe covers (High-Low)			
10	Protective clothing packages			
	- Box of surgical gloves			
	- Large/small yellow rad. material bags			
	- Small clear sample bags			
	- Saran wrap			
	- Clipboard w/ forms (Contamination/Dosimetry)			
	- Copies IP-1021 (IP-3 Rad. Medical Emerg.)			
2	Dosimeter chargers (spare 'D' batteries)	*		
10	TLDs (replace annually)		Replaced	
10	Sets ring TLDs (replace quarterly)		Replaced	
No.	Equipment	Present	Cal. Due	H.P. Serial #
1	E-530 Survey Meter or equivalent	*		
2	Friskers	*		
3	Probes w/ cables	*		
12	0-200 mR dosimeters			Zeroed   N/A

\* Operational check required.

\_\_\_\_\_  
 Signature / Date

ATTACHMENT 5.2, Continued

ALTERNATE EMERGENCY OPERATIONS FACILITY (AEOF) EQUIPMENT INVENTORY

The AEOF is located on the 11th Floor in the White Plains Office. The key for this facility can be obtained from either the Radiological Health and Environmental Support Secretary; Nuclear Generation Duty Officer (NGDO); or wall safe in the Supervisor Rad. Protection/Emergency Preparedness Engineer's Office.

No.	Equipment	Present	Comments
1	IP-3 Emergency Plan - Vols. I, II, & III		
1	IP-3 FSAR		
1	IP Probabilistic Risk Safety Study		
1	IP-3 Technical Specifications		
1	IP-3 Administrative Procedures		
1	IP-3 Schematic Drawings		
1	IP-3 Operating Procedures		
-	Four Counties' Emergency Plan/Procedures		
1	New York State Emergency Plan/Procedures		
2	Headquarters Emergency Plan/Procedures		
1	INPO Emergency Resources Manual		
1	Westinghouse Emergency Response Plan		
1	Evacuation Travel Time Estimate Binder		
14	Procedure/Position Books		
-	EP-Forms / ERC Job Function Folders		
1	Spill Guide		
1	Recommended Protective Actions Status Board		
1	Site Perimeter Map / Verification Map		
1	Flowchart for General Emergency		
1	Map Table & Dispersion Overlays for IP-3		
-	RECS Line(weekly test by NYS) (IP-1038)	*	
-	5-Party Direct Line	*	
-	TSC Direct Line	*	
1	Reserved telephone line (NRC)	*	
• 1	IBM PC w/Printer for dose assessment (IP-1001)	*	
1	TI Data Terminal (IP-1003/IP-1004)	*	
• 1	SPDS & Printer (IP-2303)	*	
1	Data Gen. Dasher 386 PC (access MIDAS)	*	
1	Fax Machine <del>( )</del>	*	
-	P.R. Fax Machine <del>( )</del>	*	
3	Overhead Projectors	*	
1	Copy Machine / Copier paper	*	
-	Fax paper/transparencies/clerical supplies		
•	Radios - 2 Consoles: (3 channels each) (IP-2400)		
	Channel 1: FR 1/2 IP-3 Sec. Freq. 153.56 MHz	*	
	Channel 2: FR 1 - Con Ed Freq. 456.1 MHz	*	
	FR 2 - Con Ed Freq. 451.1 MHz	*	
	Channel 3: FR 1 - Local Government Radio (SEMO)	*	
	Freq. 45.16 MHz		

- \* Operational check required.
- Use referenced procedures as necessary.

Signature / Date

ATTACHMENT 5.2, Continued

RESPIRATORY PROTECTION EQUIPMENT INVENTORY  
 (All respirators are inspected as per RE-RP-10-04.)

Location/No.		Equipment	Present	Comments	
<u>TURBINE DECK:</u>					
4		2-hr. (max.) breathing air bottles (> 1500 psig)			
8		Lengths of 25' air hose			
<u>CONTROL ROOM EMERGENCY LOCKER: (Key #76)</u>					
8		Pressure demand respirators w/regulators			
12		Full & half-face respirators w/cartridges			
<u>OSC/TSC RESPIRATOR LOCKER:</u>					
25		Fullface respirators			
50		Combination cartridges			
4		SCBA w/air work masks & full air bottles *			
<u>SECURITY COMMAND GUARD HOUSE - GUN ROOM:</u>					
10		Fullface respirators w/cartridges			
<u>PAB: BREATHING AIR STATIONS (Review previous month's checklist to verify if pressure is stable.)</u>					
4 Breathing Air Stations		Pressure Reading	Low Press. Alarm	Valve Position Locked/Closed	Press. Gauge Cal. Due
<u>Last month</u>	<u>This month</u>				
	Station #1				
	Station #2				
	Station #3				
	Station #4				
All stations include required hoses w/dust covers and > 1500 psig.      Yes: _____      No: _____					

\* SCBAs are stored near the OSC/TSC emergency lockers and in the TSC HVAC Room. There are spare air bottles in the Fire Brigade Room and through the turnstile at the 4th Floor H.P. Control Point. If air bottles are not full, replace with filled spare bottles, and notify Fire & Safety.

\_\_\_\_\_  
 Signature / Date



ATTACHMENT 5.3, Continued

QUARTERLY CONTROL ROOM EQUIPMENT INVENTORY

Location/No.	Equipment	Present	Comments
<u>EMERGENCY LOCKER:</u> (Key #76 in CCR Key Locker.)			
Notified Control Room		Y / N	Date:
Performed Instrument Check Sheet		N/A	Completed <input type="checkbox"/>
1	Box air filters for HD-28B		
10	Charcoal cartridges		
10	Silver zeolite cartridges		
4	HD-28B air sample heads		
2	Air sample heads for silver zeolite cartridges		
5	Packs smears / envelopes		
-	Tweezers / planchets / gauze wipes		
1	Calculator	*	
-	Emergency Title Badges		
8	Procedure/Position Books		
1	Extension cord		
1	Box KI (14 doses/bottle) (Date: )		
12	Sets protective clothing		
-	Shoe covers (high/low) / surgeons gloves		
3	Hard hats (air raid)		
-	Radioactive caution signs / inserts		
-	First Aid Kit		
-	Battery tester		
-	Spare 'AA', 'C', 'D', 9-volt batteries		
2	Step-off pads (Outside Cabinet)		
2	Dosimeter chargers	*	
<u>MISCELLANEOUS:</u> (In Control Room, not in locker.)			
1	Spill Guide		
2	IP-3 Emergency Plan - Vols. I, II, & III		
2	Books of Forms		
1	Site Perimeter Map		
1	Flowchart for General Emergency		
1	10-Mile Map / Overlays		
1	H.P. Procedure Book (verify recent rev.)		
1	Evacuation Travel Time Estimates Binder		

\* Operational check required.

\_\_\_\_\_  
 Signature / Date

ATTACHMENT 5.3, Continued

QUARTERLY SIMULATOR EQUIPMENT INVENTORY

Location/No.	Equipment	Present	Comments
<u>EMERGENCY LOCKER: (Key #76 in Simulator Key Locker.)</u>			
1	Box air filters		
10	Charcoal & silver zeolite cartridges		
3	HD-28B air sample heads		
3	Air sample heads for silver zeolite cartridges		
	- Smears/envelopes/tweezers/planchetts/gauze wipes		
1	Calculator	*	
	- Emergency Title Badges & NYPA Drill Badges		
8	Procedure/Position Books		
1	Extension Cord		
1	Box KI (14 doses/bottles)		
6	Sets protective clothing		
3	Hard Hats		
4	Radioactive caution signs w/ inserts		
1	First Aid Kit		
1	Battery tester / spare batteries (AA,C,D,9-volt)		
2	Step-off pads (outside cabinet)		
2	Dosimeter chargers	*	
20	TLDs / Holders		
20	0-200 mR dosimeters		
20	0-5 R dosimeters		
1	HD-28B Sampler/Totalizer	*	
1	SPA-3/MS-2 w/ shield/BA-133 source	*	
2	Friskers / 4 probes or equivalent	*	
1	BC-4 Counter / TC-99 source	*	
1	RO-2 or equivalent ion chamber	*	
1	RO-2A or equivalent ion chamber	*	
1	E-530 Survey Meter or equivalent & Cs-137 source	*	
8	Pressure demand respirators w/ regulators		
12	Full & half-face respirators w/ cartridges		
<u>MISCELLANEOUS: (In Simulator, not in locker.)</u>			
1	Spill Guide		
1	IP-3 Emergency Plan (Vols.I,II,III) & Forms Book		
1	Site Perimeter Map & GE Flowchart		
1	10-Mile Map / Overlays		
1	H.P. Procedure Book (verify current rev.)		
1	Evacuation Travel Time Estimates Binder		
o	1 IBM PC w/ Printer for Dose Assessment (IP-1001)	*	
o	1 TI Data Terminal (IP-1003 / IP-1004)	*	
	- 5-Party/4-Party Direct Lines (test during drills)	*	
	- NRC ENS Phone (test with booth)	*	
1	Telephone headset	*	
	- Fax Machines	*	
	- NYPA exts./outside lines (test during drills)	*	

- \* Operational check required.
- o Use referenced procedures as necessary.

Signature / Date

ATTACHMENT 5.3, Continued

QUARTERLY OSC/TSC EQUIPMENT INVENTORY

Location/No.	Equipment	Present	Comments
<u>EMERGENCY LOCKER #1:</u>			
15	Sets Anti-C clothing		
3	H.P. "PASS" PC Kits w/ stopwatch/flashlight	*	
3	Chemistry "PASS" PC Kits w/ flashlight	*	
	- Yellow plastic suits		
	- Extra gloves (surgeons/rubber/cotton liners)		
	- Extra shoe covers (high/low)		
1	Box air filters AMS-2		
1	Box air filters HD-28B		
2	Extra rolls of chart paper (AMS-2)		
20	Charcoal cartridges		
20	Silver zeolite cartridges		
5	HD-28B air sample heads		
	- Tweezers / planchets / gauze wipes		
	- Packs smears / envelopes		
	- Radioactive caution signs/inserts/clipboards		
	- Razors / shaving cream		
	- Spare 'AA, 'C', 'D', 9-volt batteries		
	- Rolls of tape (yellow/green/masking)		
	- Hard hats		
<u>EMERGENCY LOCKER #2:</u>			
	Perform Instrument Check Sheet:	N/A	Completed
	- Fuses		
2	Extension cords		
	- Tygon tubing (above locker)		
	- Calculator / flashlights / stopwatch	*	
	- H.P. Procedure Book (verify recent rev.)		
	- Chemistry Procedure Book (verify recent rev.)		
1	H.P. Log book		
	- Clerical supplies / TLD labels		
2	Dosimeter chargers	*	
	- H.P. Control Point telephone (x 8736)		
2	Cellular phone handsets for EP vehicles w/KI		
4	Bottles KI (w/Cell. Phone Handsets)(Date: )		
2	Step-off pads (behind resp. cabinet)		
2	Spare rolls fax paper (for TSC Comm. Room)		
4	Head Lamps for hard hats w/4 spare AA batteries	*	

\* Operational check required.

\_\_\_\_\_  
 Signature / Date

ATTACHMENT 5.3, Continued

QUARTERLY OSC/TSC EQUIPMENT INVENTORY

Location/No.	Equipment	Present	Comments
<u>OSC MANAGER'S LOCKER:</u>			
1	Emergency Plan - Vols. I, II, & III		
1	Emergency Plan Book of Forms		
11	OSC Procedure/Position Books		
-	OSC Emergency Briefing Forms (EP-Form #18)		
-	OSC Communication Forms (EP-Form #19)		
-	Clerical supplies		
-	Set of PAB Maps (4)		
-	Misc. boards for updates (outside locker)		
-	Emergency Title Badges		
1	Phillips screwdriver		
-	Extension cord w/splitter		
1	Box KI (14 doses/bottle) (Date: )		
<u>TSC COMMUNICATIONS DESK:</u>			
1	Emergency Plan - Vols. I, II, & III		
1	Emergency Plan Book of Forms		
1	NYPH HQ Emergency Plan/Procedures		
1	Westinghouse Emergency Response Plan		
1	INPO Emergency Resources Manual		
1	Region I Incident Resp. Sup. to NUREG-0845		
-	TSC Log Book		
-	Clerical supplies		
-	Set of PAB Maps (4)		
-	Communication forms (EP-Form #19)		
10	TSC Procedure/Position Books		
-	Emergency Title Badges (on wall)		
2	Handsets for switchboard		
<u>TSC:</u>			
o -	ERDS Test w/NRC (IP-2103)	*	
o -	SPDS Test with OSC (IP-2103)	*	
<u>4TH FLOOR DECON ROOM: (Obtain key from Watch H.P.)</u>			
-	RMC Decon Kit (Verify exp. dates below)		
	Surgical Scrub: Hydrogen Peroxide:		
	Sodium Chloride: EZ-Preps:		
-	RMC Sample Kit		

\* Operational check required.

o Use referenced procedures as necessary.

\_\_\_\_\_  
 Signature / Date

ATTACHMENT 5.3, Continued

QUARTERLY FIRE BRIGADE LOCKERS INVENTORY

Location/No.	Equipment	Present	Cal. Due	Comments
<u>4TH FLOOR H.P. CONTROL POINT LOCKER:</u>				
10	Escort TLDs (replace annually)		N/A	Replaced <input type="checkbox"/>
10	0-50 R dosimeters			Zeroed <input type="checkbox"/>
10	0-200 mR dosimeters			Zeroed <input type="checkbox"/>
1	Dosimeter charger (spare 'D' battery) *		N/A	
<u>FIRE BRIGADE ROOM: (1st Fl./Turbine)</u>				
16	Escort TLDs (replace annually)		N/A	Replaced <input type="checkbox"/>
16	0-50 R dosimeters			Zeroed <input type="checkbox"/>
16	0-200 mR dosimeters			Zeroed <input type="checkbox"/>
1	Dosimeter charger (spare 'D' battery) *		N/A	
<u>FIRE BRIGADE LOCKER #3: (Turbine Deck)</u>				
3	Escort TLDs (replace annually)		N/A	Replaced <input type="checkbox"/>
3	0-50 R dosimeters			Zeroed <input type="checkbox"/>
3	0-200 mR dosimeters			Zeroed <input type="checkbox"/>
1	Dosimeter charger (spare 'D' battery) *		N/A	
<u>FIRE BRIGADE LEADER: (Turbine Deck)</u>				
1	Escort TLD (replace annually)		N/A	Replaced <input type="checkbox"/>
1	0-50 R dosimeter			Zeroed <input type="checkbox"/>
1	0-200 mR dosimeter			Zeroed <input type="checkbox"/>
<u>WATER FACTORY:</u>				
2	Escort TLDs (replace annually)		N/A	Replaced <input type="checkbox"/>
2	0-50 R dosimeters			Zeroed <input type="checkbox"/>
2	0-200 mR dosimeters			Zeroed <input type="checkbox"/>
1	Dosimeter charger (spare 'D' battery) *		N/A	

QUARTERLY OFFSITE FIRE FIGHTER/AMBULANCE ATTENDANTS EMERGENCY EQUIPMENT CHECKLIST

Offsite emergency worker equipment is kept in the Security Command Post Computer Room.

Location/No.	Equipment	Present	Cal. Due	Comments
<u>AMBULANCE KIT:</u>				
6	Escort TLDs (replace annually)		N/A	Replaced <input type="checkbox"/>
6	0-200 mR dosimeters			Zeroed <input type="checkbox"/>
5	PC Sets		N/A	
1	Dosimeter charger (spare 'D' battery) *		N/A	
-	Spare gloves/shoe covers		N/A	
-	Copies of IP-1021		N/A	
-	Rolls of masking tape - pens		N/A	
-	Tarp for inside ambulance (top of bag)		N/A	
<u>FIRE FIGHTER KIT:</u>				
15	Escort TLDs (replace annually)		N/A	Replaced <input type="checkbox"/>
15	0-5 R dosimeters			Zeroed <input type="checkbox"/>
15	0-200 mR dosimeters			Zeroed <input type="checkbox"/>
1	Dosimeter charger (spare 'D' battery) *		N/A	
-	Copies of IP-1055/EP-Form #13/pens		N/A	

\* Operational check required.

Signature / Date

ATTACHMENT 5.3, Continued

QUARTERLY EOF EQUIPMENT INVENTORY

The EOF is located in the Con Edison Service Center on Broadway, Buchanan, NY.

Location/No.	Equipment	Present	Comments
<u>DOWNSTAIRS:</u>			
2	IP-3 Emergency Plans - Vols. I, II, & III		
1	NYPA HQ Emergency Plan/Procedures		
1	IP-3 Administrative Procedures (AP)		
1	IP-3 Technical Specifications		
1	IP-3 Station Directives		
1	ERFDADS User Guide & Address Listing		
1	IP-3 Alarm Response Procedures (ARP)		
1	IP-3 Checkoff Lists (COL)		
1	IP-3 Emergency Operating Procedures (EOP)		
1	IP-3 Plant Operating Procedures (POP)		
1	IP-3 Temporary Operating Procedures (TOP)		
1	IP-3 Off Normal Operating Procedures (ONOP)		
1	IP-3 Systems Operating Procedures (SOP)		
1	Evacuation Travel Time Estimate Binder		
1	Westinghouse Emergency Response Plan		
1	INPO Emergency Resources Manual		
1	Spill Guide		
1	IP-3 FSAR		
1	IP-3 LL Drawings		
1	AP-12 Drawings		
-	EP-Forms Folders		
14	Procedure/Position Books		
-	EOF Key (EOF Monitor Book)		
-	SPDS Key (Tech. Adv. Book)(check printer paper)		
-	Plume Dispersion Overlays		
-	Plexiglass ERPA Pieces (red & yellow)		
-	Offsite Rad. Comm. Survey Map (desk drawer)		
1	Recommended Protective Action Status Board		
1	Flowchart for General Emergency		
1	Site Perimeter Map		
1	Verification Point Map		
1	Meteorological Data Status Board		
1	Flip Chart / Easel		
<u>UPSTAIRS:</u>			
1	NYS Rad. Emergency Response Plan/Procedures		
1	Putnam County Emergency Plan/Procedures		
1	Rockland County Emergency Plan/Procedures		
1	Westchester County Emergency Plan/Procedures		
1	Orange County Emergency Plan/Procedures		

Signature

/ Date

ATTACHMENT 5.3, Continued

QUARTERLY EOF EQUIPMENT INVENTORY

Location/No.	Equipment	Present	Comments	
<u>BLACK CABINET:</u> (Upstairs in closet.) (Key is in the Clerk's Book.)				
2	Binoculars			
4	Calculators	*		
-	Copy paper / Fax paper / Data terminal paper			
-	Transparencies / clerical supplies			
-	IBM printer paper and ink			
<u>H.P. EQUIPMENT:</u> (Downstairs outside NRC Room.)				
No.	Equipment	Present	Cal. Due	Comments
1	Portable Air Sampler **	*		
1	Triton Air Sampler **	*		
1	RO-2 **	*		
1	Frisker with probe **	*		
-	Dosimeters/Charger **	*		
-	Sources **		N/A	
1	Lead shield **		N/A	
10	TLDs / Holders **		N/A	
-	Respirators **		N/A	
-	Step-Off Pads		N/A	
-	Posting Signs		N/A	
-	Stanchions / Rope		N/A	
-	Plastic Boots and PCs		N/A	
1	Box KI (14 doses/bottle)		Exp.	
-	Smear packs/envelopes		N/A	
-	Box air filters		N/A	
20	Charcoal cartridges		N/A	
10	Silver Zeolite cartridges		N/A	
1	Log Book - Rad. Monitor		N/A	

\* Operational check required.

\*\* Con Edison's supplies.

\_\_\_\_\_  
 Signature / Date

ATTACHMENT 5.3, Continued

QUARTERLY ASSEMBLY AREA EQUIPMENT INVENTORY

Location	Equipment	Present	Cal. Due	H.P.Serial #
Security Administration Office (LAO)	1 Probe w/ cable	*		
	1 Frisker	*		
	1 E-530 or equivalent	*		
Command Post Entry Way	1 Ludlum-300	*		
	1 Probe w/ cable	*		
	1 Frisker	*		
SAS - 2nd Floor Turbine Bldg.	1 Ludlum-300	*		
Maint. Machine Shop	1 Ludlum-300	*		
Maintenance Facilities Supv.'s Office	1 Probe w/ cable	*		
	1 Frisker	*		
	1 E-530 or equivalent	*		
Warehouse	1 Ludlum-300	*		
Warehouse Lunch Room	1 Probe w/ cable	*		
	1 Frisker	*		
	1 E-530 or equivalent	*		
NYPA Site Engineering Office Building	1 Ludlum-300	*		
	1 Probe w/ cable	*		
	1 Frisker	*		
	1 E-530 or equivalent	*		
Training Center 1st Floor Meeting Room East	1 Ludlum-300	*		
	1 Probe w/ cable	*		
	1 Frisker	*		
	1 E-530 or equivalent	*		

\* Operational check required.

Signature / Date

ATTACHMENT 5.3. Continued

QUARTERLY INSTRUMENTATION INVENTORY

Location/No.	Equipment	Present	Cal. Due	H.P. Serial #
<u>CONTROL ROOM EMERGENCY LOCKER:</u>				
20	TLDs / Holders			Replaced <input type="checkbox"/>
20	0-200 mR dosimeters			N/A
20	0-5 R dosimeters			N/A
1	HD-28B Sampler/Totalizer	*		
1	SPA-3/MS-2 w/ shield/BA-133 source	*		
2	Friskers w/ probes or equivalent	*		
4	Probes w/ cables	*		
1	BC-4 Counter / TC-99 source	*		
1	RO-2 or equivalent ion chamber	*		
1	RO-2A or equivalent ion chamber	*		
1	E-530 Survey Meter or equivalent	*		
1	Cs-137 Button source			
<u>OSC/TSC EMERGENCY LOCKERS #1 / #2:</u>				
20	TLDs / Holders			Replaced <input type="checkbox"/>
10	Sets ring TLDs			Replaced <input type="checkbox"/>
50	0-200 mR dosimeters			N/A
25	0-1 R dosimeters			N/A
25	0-5 R dosimeters			N/A
15	0-50 R dosimeters			N/A
15	0-100 R dosimeters			N/A
15	0-200 R dosimeters			N/A
5	0-1000 R dosimeters			N/A
1	HD-28B Sampler/Totalizer	*		
1	SPA/MS-2 w/ shield/BA-133 source	*		
1	AMS-2 Continuous Air Monitor	*		
1	Triton	*		
1	BC-4 Counter / TC-99 source	*		
3	Friskers or equivalent	*		
4	Probes w/ cables	*		
1	RO-2 or equivalent ion chamber	*		
2	RO-2A or equivalent ion chamber	*		
1	E-530 Survey Meter or equivalent	*		
2	Teletectors or equivalent	*		
1	Cs-137 Button source			
<u>EOF H.P. CABINET:</u>				
1	SAM-2	*		

\* Operational check required.

Signature / Date



ATTACHMENT 5.4, Continued

WESTCHESTER COUNTY MEDICAL CENTER INVENTORY

The Westchester County Medical Center is located in Valhalla, New York. Notify the Emergency Room Head Nurse when you arrive and request access to the radiation accident cart and supplies.

No.	Equipment	Present	Comments	
<u>Mobile Storage Cart:</u>				
1	RMC Decon Kit (Verify contents/exp.dates)			
1	RMC Sample Kit			
1	Decon table, stretcher insert, plastic hose			
2	15-Gal. waste containers			
2	30-Gal. waste containers w/lids and bases			
1	Lead pig			
	- Masking tape			
	- Radiation rope / magnets			
	- Radiation warning signs w/inserts			
6	Stanchions			
1	Hose with showerhead			
2	Step-off pads			
	- Protective clothing packs			
	- Disposable plastic gloves			
	- Precut yellow herculite			
	- Precut green herculite			
	- White runner herculite			
	- Large yellow rad. material bags			
2	RMC Hospital procedure posters			
	- Clipboard w/ body charts and log sheets			
1	Extension cord			
10	TLDs (replace annually)		Replaced	
1	Dosimeter charger (spare 'D' battery)	*		
No.	Equipment	Present	Gal. Due	H.P. Serial #
10	0-200 mR dosimeters			Zeroed
3	Friskers	*		**
3	Probes with cables	*		
1	E-530 Survey Meter or equivalent	*		

\* Operational check required.

\*\* Record Dosimeter serial numbers below.

\_\_\_\_\_  
 Signature / Date

ATTACHMENT 5.4, Continued

GOOD SAMARITAN HOSPITAL INVENTORY

The Good Samaritan Hospital is located in Suffern, New York (Rockland County). Notify the Emergency Room Head Nurse when you arrive and request access to the radiation accident cart and supplies.

No.	Equipment	Present	Comments	
<u>Mobile Storage Cart:</u>				
1	RMC Decon Kit (Verify contents/exp.dates)			
1	RMC Sample Kit			
1	Decon table, stretcher insert, plastic hose			
2	15-Gal. waste containers			
2	30-Gal. waste containers w/lids and bases			
1	Lead pig			
	- Masking tape			
	- Radiation rope / magnets			
	- Radiation warning signs w/inserts			
6	Stanchions			
1	Hose with showerhead			
2	Step-off pads			
	- Protective clothing packs			
	- Disposable plastic gloves			
	- Precut yellow herculite			
	- Precut green herculite			
	- White runner herculite			
	- Large yellow rad. material bags			
2	RMC Hospital procedure posters			
	- Clipboard w/ body charts and log sheets			
1	Extension cord			
10	TLDs (replace annually)		Replaced	
1	Dosimeter charger (spare 'D' battery)	*		
No.	Equipment	Present	Cal. Due	H.P. Serial #
10	0-200 mR dosimeters			Zeroed
2	Friskers	*		**
2	Probes with cables	*		
1	E-530 Survey Meter or equivalent	*		

\* Operational check required.

\*\* Record Dosimeter serial numbers below.

\_\_\_\_\_  
 Signature / Date

ATTACHMENT 5.4, Continued

THE CORNWALL HOSPITAL INVENTORY

The Cornwall Hospital is located in Cornwall, New York (Orange County). Notify the Emergency Room Head Nurse when you arrive and request access to the radiation accident cart and supplies.

No.	Equipment	Present	Comments	
<u>Mobile Storage Cart:</u>				
1	RMC Decon Kit (Verify contents/exp.dates)			
1	RMC Sample Kit			
1	Decon table, stretcher insert, plastic hose			
2	15-Gal. waste containers			
2	30-Gal. waste containers w/lids and bases			
1	Lead pig			
	- Masking tape			
	- Radiation rope / magnets			
	- Radiation warning signs w/inserts			
2	Stanchions			
1	Hose with showerhead			
2	Step-off pads			
	- Protective clothing packs			
	- Disposable plastic gloves			
	- Precut yellow herculite			
	- Precut green herculite			
	- White runner herculite			
	- Large yellow rad. material bags			
2	RMC Hospital procedure posters			
	- Clipboard w/ body charts and log sheets			
1	Extension cord			
10	TLDs (replace annually)		Replaced	
1	Dosimeter charger (spare 'D' battery)	*		
No.	Equipment	Present	Cal. Due	H.P. Serial #
10	0-200 mR dosimeters			Zeroed **
2	Friskers	*		
2	Probes with cables	*		
1	E-530 Survey Meter or equivalent	*		

\* Operational check required.

\*\* Record Dosimeter serial numbers below.

Signature

/ Date

ATTACHMENT 5.4, Continued

PUTNAM MEDICAL CENTER INVENTORY

The Putnam Medical Center is located in Carmel, New York (Putnam County). Notify the Emergency Room Head Nurse when you arrive and request access to the radiation accident cart and supplies.

No.	Equipment	Present	Comments	
<u>Mobile Storage Cart:</u>				
1	RMC Decon Kit (Verify contents/exp.dates)			
1	RMC Sample Kit			
1	Decon table, stretcher insert, plastic hose			
2	15-Gal. waste containers			
2	30-Gal. waste containers w/lids and bases			
1	Lead pig			
	- Masking tape			
	- Radiation rope / magnets			
	- Radiation warning signs w/inserts			
6	Stanchions			
1	Hose with showerhead			
2	Step-off pads			
	- Protective clothing packs			
	- Disposable plastic gloves			
	- Precut yellow herculite			
	- Precut green herculite			
	- White runner herculite			
	- Large yellow rad. material bags			
2	RMC Hospital procedure posters			
	- Clipboard w/ body charts and log sheets			
1	Extension cord			
10	TLDs (replace annually)		Replaced	
1	Dosimeter charger (spare 'D' battery)	*		
No.	Equipment	Present	Cal. Due	H.P. Serial #
10	0-200 mR dosimeters			Zeroed
2	Friskers	*		**
2	Probes with cables	*		
1	E-530 Survey Meter or equivalent	*		

\* Operational check required.

\*\* Record Dosimeter serial numbers below.

\_\_\_\_\_  
 Signature / Date

ATTACHMENT 5.5

IMPLEMENTING PROCEDURE CROSS-REFERENCE

Volume II Procedures

Equipment/System Description

IP-2103 IP-2302	Accessing and Using SPDS
IP-2104	Video Cameras
IP-2203	OSC Area Communications Setup and Operation
IP-2205	OSC/TSC Interlocking Doors
IP-2314	EOF Halon System
IP-2400	AEOF Radios

Volume III Procedure

IP-1001	Guide for Using the IBM PC to Access Dose Assessment
IP-1011	Electric Generator Operation in EP Vehicles
IP-1011	Mobile Radio Operation in EP Vehicles
IP-1011	Emergency Beacon Use in EP Vehicles
IP-1011	Cellular Telephone Operating Instructions in EP Vehicles