
**New York Power
Authority**

PROCEDURE NO. IP- 1030 REV. 12

TITLE " EMERGENCY NOTIFICATION, COMMUNICATION & STAFFING

ORIGINAL

EFFECTIVE DATE: 1/5/29/85

8507170258 850607
PDR ADOCK 05000286
F PDR

IP-1030
Procedure for Control Room:
EMERGENCY NOTIFICATION, COMMUNICATION AND STAFFING

1.0 INTENT

To describe the process for the notification and associated communications required when any one of the four Emergency classes is declared, as well as the methods which will mobilize the IP-3 Emergency Response Organization.

2.0 DISCUSSION

After the declaration of an Emergency (Unusual Event, Alert, Site Area or General), the Shift Supervisor (Emergency Director) will initiate and insure this procedure is implemented until he is relieved from the responsibility of Emergency Director. NYPA and NRC notifications should be made simultaneously followed by notification of offsite agencies within 15 minutes of the declaration of an emergency classification.

Persons who must (may) be notified of an Emergency Condition include:

<u>NYPA</u> (Roster I)	<u>NRC</u>	<u>OFFSITE</u>
Resident Manager	Resident Inspector	Con Edison
Supt. of Power	Headquarters	Westchester County
Operations Supt.		City of Peekskill
Information Officer		Rockland County
Nuclear Generation Duty		Orange County
Officer		Putnam County
		NYS Dept. of Health
		*Con Rail Corporation
		**ANI & INPO
		**INPO

*Only notified under the appropriate circumstances as per procedure.

**American Nuclear Insurers (ANI) and Institute of Nuclear Power Operations (INPO) must be notified at the Alert classification and above. Upon activation, the Recovery Center (RC) will assume the responsibility for updating ANI and INPO.

NYPA maintains staffing levels consistent with NRC requirements, i.e.:

Onshift Staffing - supplied by the Watch Organization with additional personnel available through the Con Ed Sr. Watch Supervisor.

Minimum Staffing - designated individuals who are available within 60 minutes from time of notification (Roster II, Appendix A).

Additional Staffing - available as needed, requested by Shift Supervisor or Emergency Director (Roster III, Appendix A).

3.0 POM RESPONSIBILITIES

- ASSIGN:
 - Shift Supervisor
 - TSC Manager
 - OSC Manager
 - CR Communicator:

1 direct line (TSC-OSC-EOF-CR-RC) Direct as to their
 1 other as needed responsibilities

CR Communicator may be the second RO if
 circumstances permit.

- MAKE RECOMMENDATIONS:
 - Technical/Engineering
 - Repair
 - Corrective Action
 - Recovery Center (RC) to Investigate
 - Procurement-guidance for RC through E.D.
- Assure you are appraised of repair team status and team de-brief information. (This should come from the OSC via direct line communicator. If not, request it).
- Consider KI needs for emergency workers.
- Check plant status against EAL's. E.D. should notify you directly when emergency classification changes.
- Assure CR Communicator gives Plant updates every 30 mins. on PA System.
- Has EOF taken over 30-minute interval calls to NRC? If not, assure the CR Communicator calls.
- Insure plant status log, (equipment) EP-Form #31c, is filled out and telecopied to EOF & TSC approximately every 30 minutes or as status changes.
- Do you know what offsite agencies are doing? Ask E.D.

4.0 SHIFT SUPERVISOR/SRO RESPONSIBILITIES

- CLASSIFY: - Determine Emergency Classification.
- If NUE, fill out EP-Form #30a then go directly to Emerg. Plan Notifications (Section 5.0).
- ASSIGN: - Designate a Control Room Communicator (initially 2nd RO in CR as circumstances permit).
- STAFF: - Determine which onsite support centers should be activated:

AT THE ALERT CLASSIFICATION:

- a. Normal hours - ensure PA announcements are made:
- "All Technical Support Center personnel report to the TSC."
 - "All Operations Support Center personnel report to the OSC."
 - "Shift Technical Advisor report to the Control Room."
 - "All other personnel remain at your work locations and await further instructions."
- b. Off hours - instruct Security to call in Roster II individuals.

AT THE SAE OR GE CLASSIFICATION:

- a. - Notify Con Ed Unit #2 before sounding alarm.
- Sound the Site Assembly Alarm to initiate Site Accountability and activate all onsite Emergency Facilities.
- b. Normal hours - ensure PA announcement is made:
- "A (state Emerg. Classification) Emergency has been declared. All non-watch personnel report to your Assembly Area. Contingency workers and spare operations personnel report to the Control Room."
- c. Off hours - Instruct Security to call in Roster II individuals.

- DATA: - Assist Control Room Communicator in completing NYS Radiological Emergency Data Form (EP-Form #30a).
- Initiate dose projection calculations as necessary (IP-1001).

4.0 (Cont'd)

FORMS: - Complete and telecopy EP-Form #31c (Plant Status Log - Equipment) to the EOF and TSC (when activated) approximately every 30 minutes or as status changes.

ACCOUNTABILITY:- Assure accountability list is made.

DISPATCH: - Dispatch on and offsite monitoring teams as necessary. (IP-1010, onsite teams, direct H.P.'s to appropriate Site Boundary sectors.) (IP-1011, offsite teams, call Con Ed CR to activate teams.)

- Dispatch Repair and Corrective Action teams (IP-1025) or Search and Rescue teams as necessary (IP-1054). (If S&R team, update LAO on status.)

TURN OVER
TO EOF:

- When EOF is staffed:
 - a. Turn over E.D. responsibilities to EOF.
 - b. Assume E.D. responsibilities if EOF is moved to AEOF.

CONTINUING
THROUGHOUT:

- Assure PA announcements are made every $\frac{1}{2}$ hour to keep site personnel advised of emergency status.
- Plant Status Log - EP-Form #31c is sent to EOF & TSC.

5.0 CONTROL ROOM COMMUNICATOR RESPONSIBILITIES

FORMS: - *Complete NYS Radiological Emergency Data Form (EP-Form #30a) with Shift Supervisor.

NOTIFICATIONS: - *Provide information from Data Form to Roster I individuals:

- a. Normal hours via Resident Manager's Secretary (0800-1630).
 - b. Off hours via Security.
- *Notify the following individuals and organizations:
- a. Con Ed Unit #2 - request additional personnel as needed (including offsite monitoring teams).
 - b. New York State, Counties, Peekskill
 - c. NRC Resident Inspector
 - d. NRC Headquarters
 - e. American Nuclear Insurers (ANI) and INPO at Alert and above.
 - f. Con Rail Corporation if affected.
- Update all groups listed above every 30 minutes or sooner if there are significant changes or any change in emergency classification.
- Instruct IP-3 Security to restrict access to the site at SAE and GE.

STAFFING VIA
SECURITY:

- Have Security use Roster II to call in needed personnel during off hours.

TURN OVER
TO EOF:

- When EOF is staffed:
- a. Transfer offsite communication to EOF Communicator.
- indicate last message # used on Data Form (#30a).
 - b. Transfer direction of site perimeter and offsite monitoring teams to Radiological Communicator in EOF.
 - c. Remain on direct line (CR, TSC, OSC, EOF, RC) and maintain flow of information between facilities.
 - d. Assume communications responsibilities if EOF is moved to AEOF.

5.0 (Cont'd)

CONTINUING

THROUGHOUT:

- Make PA announcements every $\frac{1}{2}$ hr. to keep site personnel advised.
- Remain on direct line phone in constant contact with TSC, EOF, OSC (Con Ed Radio frequency 1 as phone backup).

* This indicates the only emergency planning actions for the NUE classification.

6.0 SECURITY RESPONSIBILITIES

- FORMS:
- Have Available:
 - EP-Form #30a (NYS Radiological Emergency Data Form)
 - Roster I (fill in with info. from EP-Form #30a)
 - Roster II
- RECEIVE:
- Instructions from Shift Supervisor or Control Room Communicator.
 - Information on EP-Form #30a.
- NOTIFICATIONS:
- Notify all individuals on Roster I of emergency conditions.
 - Notify CR when Roster I notifications are complete & who was or was not contacted.
- CALL-IN:
- When instructed by Shift Supervisor or Control Room Communicator:
- Call in all individuals on Roster II for Alert, Site & General Emergency. (Notify Control Room when Roster II notifications are complete.)
- SECURITY:
- Restrict access to and egress from the Site.
 - Escort emergency vehicles to needed location.
 - Provide guards to maintain security and access control at the EOF and Joint News Center.
- DOSIMETRY:
- Distribute dosimetry to Security personnel.
- ACCOUNTABILITY:
- Normal hours:
 - Account for Security personnel.
 - Call in to LAO names of site visitors.
 - Off hours:
 - Call 15' elevation Machine Shop for personnel list.
 - Call CR.
 - Call Control Point for personnel who may not have signed out.

7.0 ATTACHMENTS

7.1 New York State Radiological Emergency Data Forms.

7.1a EP-Form #30a - Emergency Notification Fact Sheet Part I -
General Information

7.1b EP-Form #30b - Emergency Notification Fact Sheet Part II -
Radiological Assessment Data

7.1c EP-Form #30c - Emergency Notification Fact Sheet Part III -
IP-3 Plant Parameter Data

7.2 Roster I

7.3 EP-Form #2 - Unusual Event, Alert Emergency (CR Flowchart)

7.4 EP Form #3 - Site Area, General Emergency (CR Flowchart)

7.5 Offsite Notification and Communication Procedure Telephone Numbers

EMERGENCY NOTIFICATION FACT SHEET

IP-1030

Attachment 7.1a

EP-Form #30a

PART I - GENERAL INFORMATION

THIS REFERENCE IS FOR EP-1 USE ONLY

1. (a) Notification # A

1. Message transmitted:

 /
Date Time (24 hr. clock)

2. Facility providing information:

- ☐ A Indian Point No. 2
☐ B Indian Point No. 3

3. Reported By:

Name Title

4. This...

- ☐ A is an exercise
☐ B is NOT an exercise

5. Emergency Classification

- ☐ A Unusual Event
☐ B Alert
☐ C Site Area Emergency
☐ D General Emergency
☐ E Transportation Incident
☐ F Other

6. This classification declared at:

Date Time

7. Brief Event Description/Initiating Condition:

8. As of hours there has:

- ☐ A NOT been a release of radioactivity
☐ B been a release of radioactivity to the ATMOSPHERE
☐ C been a release of radioactivity to a BODY OF WATER
☐ D been a GROUND SPILL release of radioactivity

<u> </u> West.	<u> </u> NY State
<u> </u> Rock.	<u> </u> Peekskill
<u> </u> Putnam	<u> </u> Con Ed
<u> </u> Orange	<u> </u> Con Rail
<u> </u> NRC	<u> </u> ANI
	<u> </u> INPO
<u> </u> Nuc Gen Duty Ofcr.	

9. The release is:

- ☐ A continuing.
☐ B terminated.
☐ C intermittent.
☐ D NOT applicable.

10. Protective Actions:

- ☐ A There is NO need for Protective Actions outside the site boundary.
☐ B Protective Actions are under consideration.
☐ C Recommended Protective Actions
 ERPA for SHELTERING 1 2 3 4
 5 6 7 8 9 10 11 12 13 14 15
 16 17 18 19 20 21 22 23 24
 25 26 27 28 29 30 31 32 33
 34 35 36 37 38 39 40 41 42
 43 44 45 46

ERPA for EVACUATION 1 2 3 4
 5 6 7 8 9 10 11 12 13 14 15
 16 17 18 19 20 21 22 23 24
 25 26 27 28 29 30 31 32 33
 34 35 36 37 38 39 40 41 42
 43 44 45 46

11. Weather

- ☐ A Wind speed miles per hour
 or meters per second.
☐ B Direction (from) degrees.
☐ C Stability class
 (A-G/or stable, unstable, neutral)
☐ D General Weather Condition
 (if applicable)

EMERGENCY NOTIFICATION FACT SHEET
PART II - RADIOLOGICAL ASSESSMENT DATA

Date: _____

Time: _____

12. Prognosis for Worsening or Termination of the Emergency: _____

_____13. In Plant Emergency Response Actions Underway: _____

_____14. Utility Off-Site Emergency Response Action Underway: _____

15. <u>Release Information</u>	<u>Actual</u>	<u>Projected</u>
<input type="checkbox"/> A <u>ATMOSPHERIC RELEASE</u>		
Date and Time Release Started	_____	_____
Duration of Release	_____ hrs	_____ hrs
Noble Gas Release Rate	_____ Ci/sec	_____ Ci/sec
Radioiodine Release Rate	_____ Ci/sec	_____ Ci/sec
Elevated or Ground Release	_____	_____
Inplant Monitors	_____	_____
<input type="checkbox"/> B <u>WATERBORNE RELEASE</u>		
Date and Time Release Started	_____	_____
Duration of Release	_____ hrs	_____ hrs
Volume of Release	_____ gal	_____ gal
Radioactivity Concentration (gross)	_____ uCi/ml	_____ uCi/ml
Total Radioactivity Released	_____ Ci	_____ Ci
Radionuclides in Release	_____ uCi/ml	_____ uCi/ml
	_____ uCi/ml	_____ uCi/ml

Basis for release data e.g. effluent monitors, grab sample, composite sample and sample location: _____

16. <u>Dose and Measurements and Projections</u>	<u>Actual</u>	<u>Projected</u>
<input type="checkbox"/> A <u>SITE BOUNDARY</u>		
Whole Body Dose Rate	_____ mR/hr	_____ mR/hr
Whole Body Commitment (for duration above)		_____ Rem
Thyroid Dose Commitment (1 hour exposure)	_____ mRem	_____ mRem
Thyroid Dose (total commitment)		_____ Rem
<input type="checkbox"/> B <u>PROJECTED OFFSITE</u>	<u>2 Miles</u>	<u>5 Miles</u> <u>10 Miles</u>
Whole Body Dose Rate (mR/hr)	_____	_____
Whole Body Dose (Rem)	_____	_____
Thyroid Dose Commitment (1 hr exposure - mRem)	_____	_____
Thyroid Dose (Total Commitment-Rem)	_____	_____

17. Protective Action Recommendations and the Basis for the Recommendations: _____

PART III - IP-3 PLANT PARAMETER DATA

Date: _____

Time: _____

MAJOR PARAMETERS

18. RCS temperature _____ (°F)
19. RCS press. _____ (psig)
20. # RCP's in Service _____ (0-4)
21. Pressurizer Level _____ (%)
22. S/G Levels #31 _____ % #32 _____ %
#33 _____ % #34 _____ %
23. Containment Press. _____ (psig)
24. CST Level _____ (Ft.)
25. Containment Temp. _____ (°F)
26. V.C. Sump Level _____ (Ft.)
27. RWST Level _____ (Ft.)
28. Reactor Shutdown _____ (Y/N)
29. Natural/Forced Circulation _____
30. RCS Subcooled/Saturated _____
psig Subcooled _____

RADIOLOGICAL MONITORS

Area Monitors:

31. R-2 Containment _____ mR/hr
32. R-7 Containment _____ mR/hr
33. R-10 Accident Monitor _____ R/hr

Plant Vent:

34. R-13 (particulate) _____ CPM
35. R-14 (gaseous) _____ CPM
36. R-27 (gaseous) _____ uCi/Sec
37. Containment High Range Monitor
(R-25/R-26) _____ R/hr
38. PLANT VENT FLOW RATE: _____ CFM
39. Offsite/Onsite Power Available

40. Emergency Diesel Generators

Check Status	31	32	33
Load/Running	—	—	—
Unloaded/Standby	—	—	—
Out of Service	—	—	—

MODES OF SAFETY INJECTION

(circle modes in use)

41. Passive Injection - Accumulators
42. High Head Injection
43. Low Head Injection

MODES OF CIRCULATION

(circle modes in use)

44. Low Head Recirculation - Recirc Pump
- RHR Pumps
45. High Head Recirculation -
- Recirc Pumps to S.I. Pumps
- RHR Pumps to S.I. Pumps
46. Hot Leg Recirculation - Recirc Pumps
- RHR Pumps

STATUS OF ENGINEERED SAFEGUARDS EQUIPMENT

(circle those in use)

47. Aux. Feed Pumps 31 32 33
48. Containment Fan Cooler Units
31 32 33 34 35
49. VC Phase A Isolation Complete
YES / NO
50. VC Phase B Isolation Complete
YES / NO
51. CR Isolation Complete
YES / NO
52. Containment Spray
VC Spray Pumps
Recirculation Mode

ADDITIONAL MONITORS OF IMPORTANCE

ROSTER I
NYPA NOTIFICATION TELEPHONE NUMBERS
(For use by Resident Manager's Secretary and Security)

The personnel listed below must be called and given the details of the emergency. Notification of these individuals is mandatory. The information provided to these individuals must include:

1. Callers Name & Title _____
2. The emergency classification _____
3. The time it was declared _____
4. A brief description of the conditions _____
5. Any other information they may request _____

	Work Ext.	Home #	Pager #	Time Contacted
1. Resident Manager, W. Josiger				
2. Supt. of Power, J. Russell				
3. Supt. of Operations, E. Tagliamonte				
4. Information Officer, J. Wollak				
Alternate, C. Spieler				
5. Recovery Manager, via dedicated Hot Line**				
(green phone in Resident Mangers Office or Control Room)				
Alt.: Sal Zulla				
Alt.: Nuc. Gen. Duty Officer				

* When calling these numbers, the ring will be followed by a series of beep tones. When the beep tones stop, hang up. NOTE: These pagers are beep only, therefore they will call IP-3 Security for their message.

** If Security is calling use the alternate rather than the direct line.

NOTE: Be sure to notify the Shift Supervisor/Emergency Director when the above individuals have been notified or if they cannot be contacted.

To page the above IP-3 individuals use these instructions:

NOTE. With this type of paging, the individual will see the # you entered on his pager, and thus will know who to call.

data page SERVICE

How to send a message to:

Note: You must use a touch tone phone or adapter

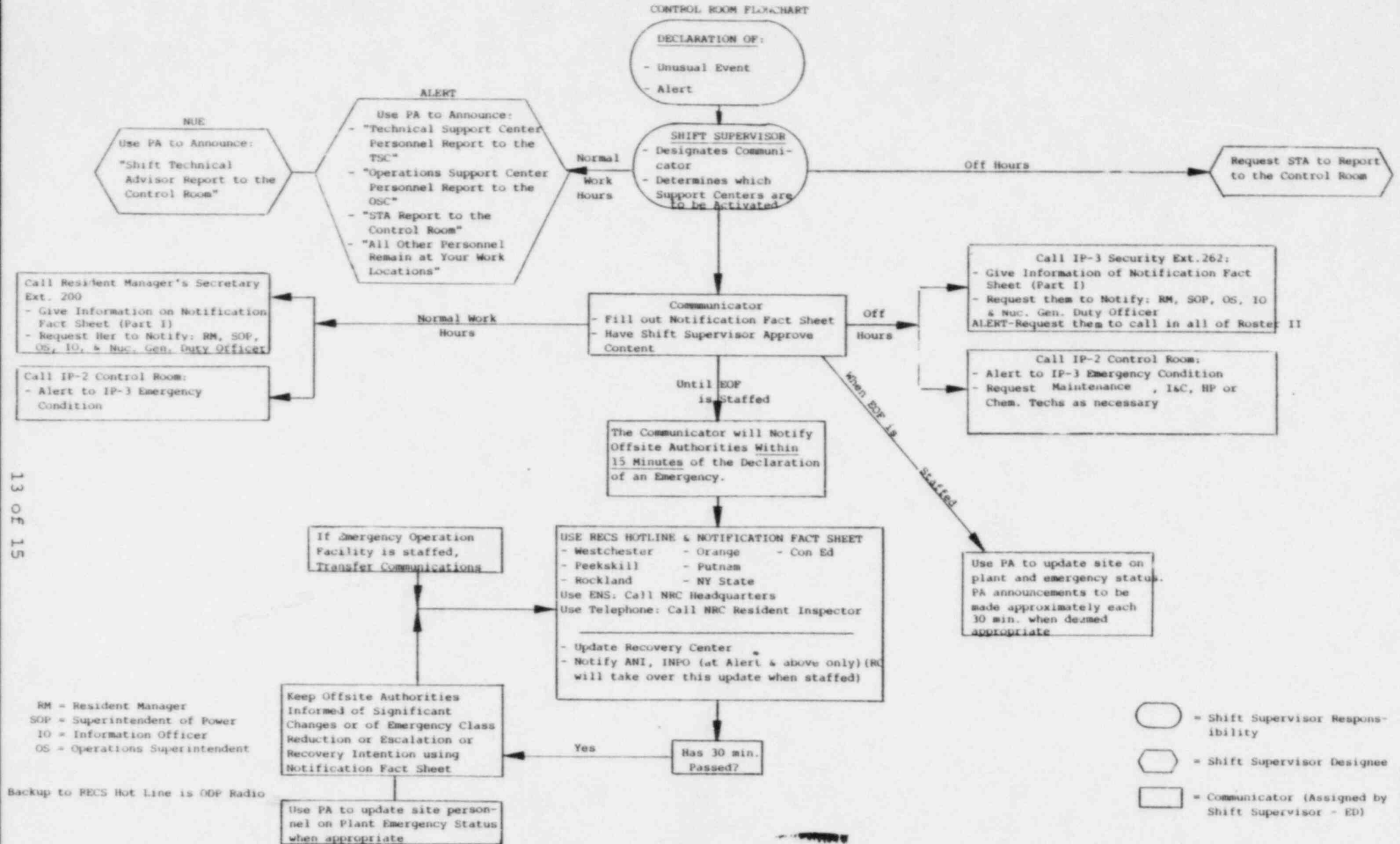
1. Dial my Data Page No.
2. Wait until you hear three beep tones
beep - beep - beep
3. Enter the telephone number where you wish to be called.
(You can enter up to 24 digits)
4. Press the number sign button (#)
5. Hang up

MAY 9 1985

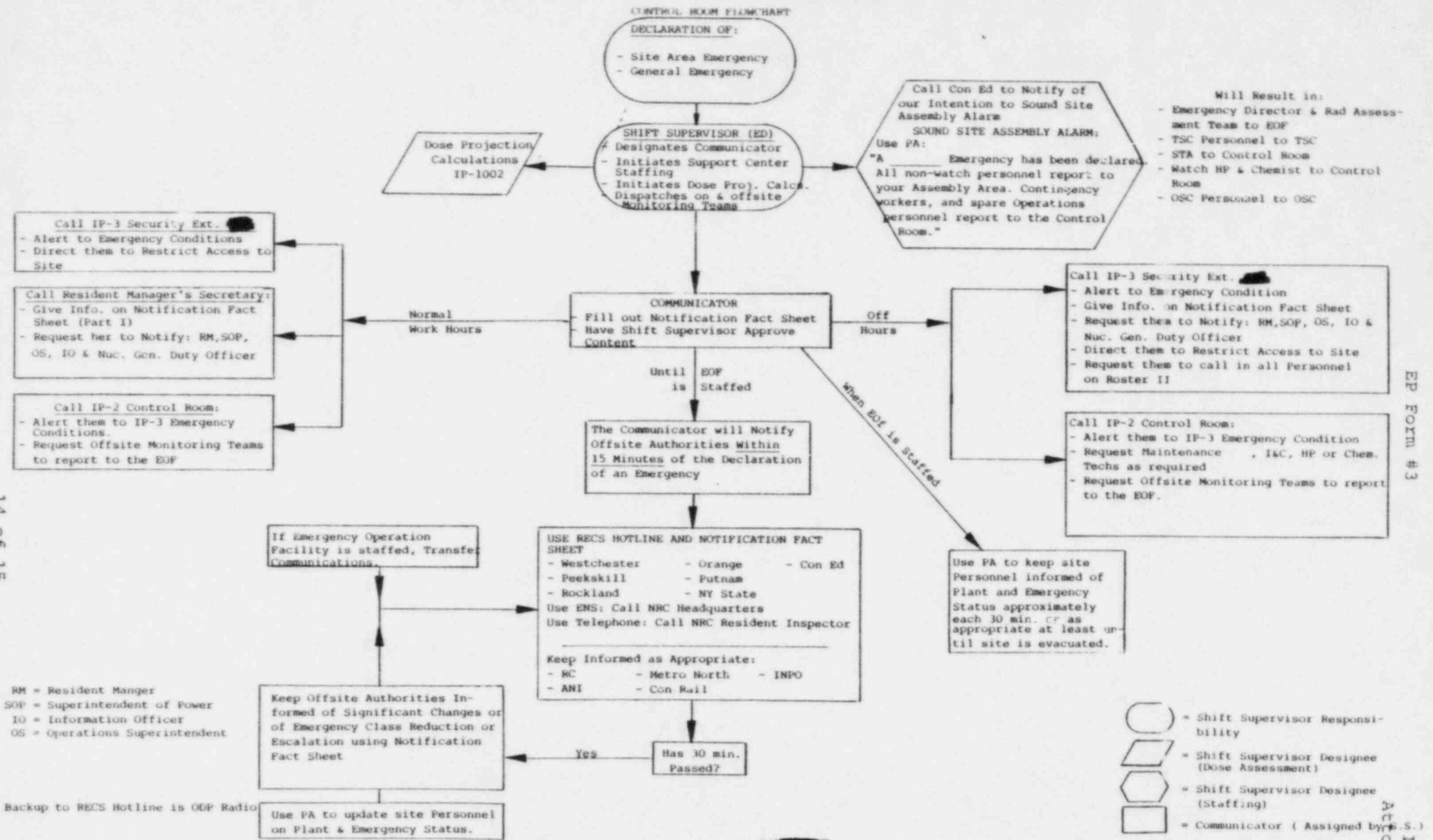
- If the "air busy" call () to have individuals paged manually (only a beep no digital message, therefore pagee should call security back for a message).

UNUSUAL EVENT, ALERT EMERGENCY

CONTROL ROOM FLOWCHART



NOTIFICATION - COMMUNICATION - STAFFING **SITE AREA, GENERAL EMERGENCY**



EP Form #3

IP-1030
 Attachment 7.4

14 OF 15

OFFSITE NOTIFICATION & COMMUNICATION PROCEDURE TELEPHONE NUMBERS

Work Ext.

Home Phone

USNRC Inspector, P. Koltay
Alternate: L. Rossbach

American Nuclear Insurers (ANI)

Institute of Nuclear Power Operations (INPO)

Westside of River:

Consolidated Rail Corp.:
(Chief Train Dispatcher)

Eastside of River:

Metro North Commuter Railroad:
(Chief Train Dispatcher)

US Coast Guard (Operations Duty Officer)

IF THE RECS LINE, RADIO AND NAWAS ARE NOT WORKING, CALL-

Westchester County Warning Point

Putnam County Warning Point

Rockland County Warning Point

Orange County Warning Point

City of Peekskill Police Commissioner

N.Y. State Warning Point

If all communication lines are down, radio the State Police by means of the Security Plectron device. Request the State Police to contact the State Police in Albany and make contact with Westchester, Rockland, Orange & Putnam Counties & the City of Peekskill.

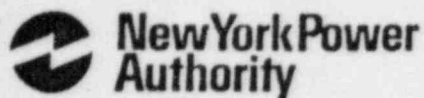
IF THE NRC DIRECT LINE IS NOT OPERATIONAL, CALL-

1. NRC Operations Center (via Bethesda Central Office)
2. NRC Operations Center (via Silver Spring Central Office)
3. NRC Operations Center (via Bethesda Central Office)
4. Health Physics Network Line (to NRC Operations Center)

22

MAR 19 1985

Indian Point 3
Nuclear Power Plant
P.O. Box 215
Buchanan, New York 10511
914 739.8200



EMERGENCY PLAN PROCEDURES

PROCEDURE NO. IP- 1052 REV. 0

TITLE " Hazardous Waste Emergency "

WRITTEN BY: [Signature]

REVIEWED BY: [Signature]

PORC REVIEW: [Signature] DATE 5/21/85

APPROVED BY: [Signature] DATE 5/24/85

EFFECTIVE DATE: 5/29/85

IP 1052 - HAZARDOUS WASTE EMERGENCY

1.0 INTENT AND DISCUSSION

This procedure specifies the actions which should be followed in the event of a hazardous waste emergency at or near the Indian Point site. This procedure will minimize hazards to human health and environment from fires, explosions, and/or any unplanned releases of hazardous waste or materials (i.e. PCB's).

If conditions necessitate site evacuation or have offsite consequences the Emergency Plan provisions should be considered.

The Emergency Plan includes initiating conditions for man-made hazards in Table 4-1, Initiating Conditions. Although most incidents involving hazardous wastes would not necessitate activation of the plan, there may be certain instances where conditions could activate the Emergency Plan. (e.g. fire involving hazardous wastes with a potential for offsite consequences)

2.0 REFERENCES

- 2.1 NYDEC Environmental Regulations:
6NYCRR Part 360.8 (c) (2) and (3)
- 2.2 AP-27.3 : IP-3 Site Fire Protection
- 2.3 IP-1055 : Fire Emergency
- 2.4 IP-1003 : Obtaining Meteorological Data
- 2.5 IP-1053 : Evacuation of the Site
- 2.6 IP-1030 : Control Room Emergency Notifications,
Communication & Staffing

3.0 INCIDENT RESPONSE

The provisions of this procedure must be immediately carried out if a situation occurs which could threaten human health or the environment.

Immediately upon discovery of a hazardous waste fire, explosion, or any unplanned release of hazardous waste, hazardous waste constituents, or PCBs to air, soil, surface or groundwaters, the employee(s) discovering the incident should assess the situation to determine if the release can be controlled or contained without risk of endangerment. If the employee has been trained and it can be done so safely, the employee should proceed to the extent possible, to prevent spreading of liquids or to stop the source of the release. There are Spill Containment Kits available outside

the Fire Brigade Room and in the Warehouse as Stock No. 7411006. These kits contain protective clothing organic vapor respirators and absorption media - instructions for spill containment are on each drum. (See also Table 1 of Attachment 7.1). In those instances where personnel safety is in danger, leave the area and immediately notify the Control Room.

If the employee knows or suspects that the released material contains PCBs and the material is burning or smoldering, he/she should immediately depart the area and remain upwind of the site at all times. If the material is not burning or smoldering, the employee should not allow him/herself to come into contact with the released material unless wearing protective clothing. Guidelines for containment and control of PCB spills and for appropriate protective clothing to be worn are contained in Attachment 7.1.

3.1 PLANT NOTIFICATION

As soon as possible after discovery of the incident and initial response actions, call the Control Room. The Shift Supervisor or designee will obtain and log the following information.

- Identity of caller
- Character - nature or type of incident;
- Source - container and/or structure location (See Attachment 7.2 for hazardous waste storage locations.)
- Amount and area covered (e.g., 5' circle?) of any released substance(s); and
- Risk of, or actual personal injury

The IP-3 EP and associated notifications are applicable when the situation meets the Initiating Conditions of the Emergency Plan. The Shift Supervisor is initially the Emergency Director. (see Table 5-2 of Procedure no. IP-Book II - Organization.)

3.2 CONTROL AND CONTAINMENT

The Shift Supervisor or designee will attempt to mitigate the effects of an incident by activating the IP3 Fire Brigade. If necessary he can arrange for additional emergency personnel/equipment from the list of emergency services companies in Appendix C. Concurrent with the following actions, notifications are to be made as per section 4.0.

3.2.1 FIRE OR EXPLOSION

In the event of a fire or explosion the Fire Emergency Procedure (IP-1055) and the Site Fire Protection Plan would be activated. In addition fire fighting guidance should be provided to the fire brigade as described in the EMERGENCY RESPONSE GUIDEBOOK.¹ If PCB's are involved (i.e., Substation C Transformer), ensure that fire fighting personnel are equipped with protective clothing and SCBA's as outlined in Attachment 7.1.

¹ NOTE: Copies of the Emergency Response Guidebook are available in the Control Room and the Emergency Operations Facility. This publication provides important guidance for isolation and evacuation distances and initial emergency response actions for a wide variety of hazardous materials.

3.2.2 UNPLANNED RELEASE

In the event of an unplanned release of hazardous waste to air, ground, or water the EMERGENCY RESPONSE GUIDEBOOK¹ should be consulted for initial response actions. In the event of a PCB spill additional PCB specific response information is provided in Attachment 7.1. Emergency Personnel and Equipment are available as per Attachment 7.3. White Plains Office, Environmental Division should be consulted for technical guidance.

3.3 SITE EVACUATION

If the Emergency Plan has been activated and the Emergency Director determines that there is a significant threat to On-Site personnel and that evacuation is in order, procedure IP-1053 for Site Evacuation should be adhered to. The Emergency Director should ensure that meteorological conditions are factored into his decisions with respect to site evacuation routes - (refer to IP-1003, obtaining Meteorological Data).

4.0 NOTIFICATION

If the site Emergency Plan has been activated due to an Initiating Condition or at the discretion of the Shift Supervisor, the notifications in this section apply in addition to the notifications required in IP-1030.

If the site Emergency Plan has not been activated but there is a possibility that there was a release of a reportable quantity, use the guidance supplied in 4.1.

NOTE: An Oil Spill to the river has notifications associated with it which are specified (along with vendors who can supply clean-up services) in AP-24.1, Oil Spill Prevention and Countermeasure Plan.



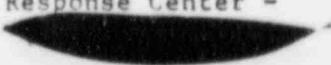
4.1 RELEASE OF A REPORTABLE QUANTITY: POWER AUTHORITY NOTIFICATION

The Shift Supervisor or designee shall ensure that:

White Plains Environmental Division Staff are to be notified immediately to provide guidance for appropriate containment and control actions and to aid in determining if a reportable quantity as defined in 40CFR Part 117 has been released. If the Environmental Division can not be reached within two (2) hours he should use the table in Attachment 7.4 (from 40CFR Part 117) to determine if notification is required. If notification is required then proceed to 4.2 Outside Notification.

4.2 OUTSIDE NOTIFICATION

The following outside agencies are to be notified concurrent with response actions if the Shift Supervisor or designee determines that; 1) human health or the environment is potentially threatened outside of the Indian Point 3 site, or 2) a reportable quantity has been released.

1. New York State Department of Environmental Conservation (NYDEC) Oil and Hazardous Material Spill Notification - 
2. NYDEC - Region 3 - 
3. National Response Center - 

Each agency should be provided with the following information:

- Name, address and telephone number of the Authority Facility;
- Date, time and type of incident;
- Name and quantity of material(s) released, and
- Extent of injuries, if any.

5.0 REQUIREMENTS FOR RESUMPTION OF NORMAL OPERATIONS

Before the resumption of normal operations within the area affected by an incident, the Resident Manager or his designee will monitor the following activities to ensure compliance with applicable state and federal regulatory requirements:

- 5.1 All emergency equipment and material utilized is cleaned and refitted for its intended use or replenished; and

The Commissioner, New York State Department of Environmental Conservation, is notified that the project is in compliance with the following requirements:

- Ensure that the treatment, storage, or disposal of recovered waste, contaminated soil or surface water, or any other material that resulted from an incident, is conducted in accordance with applicable state and federal regulatory requirements; and
- Ensure that in the affected area no waste that may be incompatible with the released material is treated, stored, or disposed of prior to the completion of cleanup procedures.

6.0 REPORTING REQUIREMENTS

The Resident Manager or his designee, will ensure that the Control Room logs the time, date and details of any incident that requires implementing the Contingency Plan. He will also submit an incident report within fifteen (15) days to the Commissioner, New York State Department of Environmental Conservation. The report must include the following:

- Name, address, and telephone number of the owner or operator (New York Corporate Office, 10 Columbus Circle, New York, NY 10019, [REDACTED])
- Name, address, and telephone number of the project, to include name of project contact person;

- Date, time, and type of incident;
- Extent of injuries, if any;
- An assessment of actual or potential hazards to human health or the environment, where this is applicable; and
- Estimated quantity and disposition of recovered material that resulted from the incident.

7.0 ATTACHMENTS

- 7.1 Containment and Control of PCB's
- 7.2 Hazardous Waste Storage Location
- 7.3 Emergency Response Services
- 7.4 Reportable Quantities

CONTAINMENT AND CONTROL OF PCB SPILLS

1.0 PCB SPILL RESPONSE

Response to a PCB or suspected PCB spill of any amount will be initiated immediately upon discovery. Actual cleanup after initial response actions must begin within 48 hours of discovery of the incident but should not be undertaken by project employees unless directed to do so by the WPO Safety and Fire Protection and/or Environmental Divisions. If uncertain as to PCB content of spilled material, a Clor-N-Oil test kit may be used to determine if more than 50 ppm PCBs are present. If the test results are not definitive, assume PCB contamination.

2.0 CONTAINMENT AND CONTROL

2.1 Isolate and secure the spill site. The affected area shall be marked with signs, barricade tape or barriers. Prevent untrained personnel, members of the public, and vehicles from entering the spill site and coming in contact with spilled material.

2.2 Insure that all personnel allowed into the secured area are provided protective clothing and respirators as follows:

Note: Only trained personnel should use respirators and other protective equipment.

2.2.1 Spill Containment Kits are available outside the Fire Brigade Room and in the Warehouse as Stock Item No. 7411006. These kits provide protective clothing and other response gear - See Table 1.

2.0 CONTAINMENT AND CONTROL (cont.)

2.2.2 Respiratory protection shall be provided and worn as follows:

- Organic vapor respirator (in Spill Containment Kit - see Attachment 1) - for cleanup of spills of heated askarel (over 130°F) outdoors or indoors if area is well - ventilated.
- Organic vapor/dust, mist and fume respirator- for welding or similar hot work that may cause vaporization of fluids.
- Self-contained breathing apparatus - for the same applications as above and for fire-fighting.
- FILTER CARTRIDGE OR AIRLINE RESPIRATORS SHALL NOT BE USED FOR FIRE-FIGHTING.

2.3 Smoking, eating, or drinking shall not be permitted within any PCB work area. Before eating, drinking, smoking or using toilet facilities, employees shall wash their faces and hands, preferably using a waterless cleaner and wipe towels. Towels shall be disposed of in approved containers.

2.4 In the event an employee's skin or clothing comes in contact with PCB, remove contaminated clothing as soon as possible and thoroughly wash the skin. Discard clothing in the appropriate PCB waste container. If there is eye contact, flush the eyes with water for at least 15 minutes, then transport the person to a hospital for medical attention.

Any employee contact with PCB should be reported to Safety & Fire Protection Division who will contact the Authority's medical consultant for recommendations on appropriate action and follow-up.

2.5 Prevent any PCB material from reaching drainage ditches, sewers, storm drains or floor drains, or any watercourse.

2.6 Prevent water from flowing into the contaminated site from sources such as street gutter runoff, nearby sprinkler systems, nearby faucets or water hose outlets, or floor gutters.

- 2.7 If commercial absorptive material such as the material in the Spill Containment Kits, pads, or pillows are utilized, they should be spread on the contaminated area and left in-place for a minimum of one (1) hour or as long as is necessary to ensure that all available PCB fluids have been absorbed.
- 2.8 Any visibly contaminated soils are to be removed to an approximate depth of six (6) inches.
- 2.9 After the spilled PCB fluids have been absorbed, the absorptive material along with any contaminated soils are to be placed in containers specified for disposal.
- 2.10 All contaminated items, to include tools, clothing, boots, and any other equipment, must be either disposed of in containers specified for disposal or thoroughly cleaned with an appropriate solvent. SOLVENTS SHALL NOT BE USED FOR PERSONAL CLEANSING.
- 2.11 All runoff associated with decontamination must be contained and properly disposed of.
- 2.12 All disposal containers are to be marked with appropriate PCB decals and hazardous waste decals.
- 2.13 Pending appropriate disposal, containers specified for disposal are to be stored in an approved storage site, or stored in a restricted area to minimize the potential for another spill and to control access.
- 2.14 Spills into water require special consideration. PCB spills into waters of the state require immediate notification as outlined in Section 4.0 of Procedure IP-1085. Containment and cleanup will require the services of a spill cleanup contractor under the guidance of the WPO Environmental Division and will most likely be overseen by government spill response divisions. PCBs spilled into puddles of water should be removed in either of the following two methods:
 - 2.14.1 The water should be bailed or pumped into containers specified for disposal. The sediment and sludge from the bottom of the puddle should be removed to an approximate depth of six (6) inches, and placed into containers specified for disposal.

2.14.2 The water should be absorbed with absorptive material such as ash, commercial absorbents, dry sand, or sawdust. The absorptive material should be left in place for a minimum of one (1) hour or as long as is necessary to ensure that all available PCB fluids have been absorbed. The saturated material should be placed into containers specified for disposal. The sediment and sludge from the bottom of the puddle should be removed to an approximate depth of six (6) inches, and placed into containers specified for disposal.

3.0 Authority employees will limit themselves to the above listed containment and control procedures. No further actions involving cleanup will be undertaken by Authority employees, unless approved by the WPO Environmental Division and/or Safety & Fire Protection Divisions. In most cases, an outside contractor will be brought in to complete spill cleanup.

SPILL CONTAINMENT KIT
SOLVENTS/ORGANIC COMPOUNDS

*
CONTENTS

1 PHENOLIC LINED DRUM (YELLOW)/QUICK RELEASE TOP

14 HAZORB PILLOWS
2 SARAN COATED TYVEK COVERALLS
WITH HOOD AND FEET (EXTRA LARGE)

2 CHEMICAL GOGGLES

** 2 PAIR ANSELL 632 (NITRILE) GLOVES
2 3M BRAND 8712 RESPIRATORS (ORGANIC VAPOR)

2 PAIR LATEX BOOTS

2 RESTRICTED AREA SIGNS

150' ROLL BARRICADE TAPE WITH RED STREAMERS

BOLT/NUT (1 EA.) FOR LEVER ONCE DRUM IS USED AND FILLED
(ATTACHED TO UNDERSIDE OF COVER)

* - All these items are contained in clearly marked 55 gallon drums -
available from Warehouse as Stock # 7411006

- Instruction for initial containment actions are marked on the
drums

** Guidance is provided in Appendix A Section 2.2 for respiratory
protection with respect to PCB's. Note that SCBA's are necessary
for fire fighting and are the only acceptable respiratory device
for unknown atmospheres.

ATTACHMENT 7.2

HAZARDOUS WASTE STORAGE LOCATIONS


LOCATION	DESCRIPTION
15', 41', and 55' Elevations of Turbine Building	Waste oil carts - 60 gallon mobile receptacles for waste lube oils - one cart at each elevation
15' North Loading Well Turbine Building	Accumulation point primarily for waste oil before movement to hazardous waste storage building typically 5-10 fifty-five gallon drums
15' Elevation: Turbine Building Paint Room	Spent Solvents from painting operations - usually a 30 gallon, 2-hung drum in room
Near Satellite Warehouse behind South Security Gate: Hazardous Waste Storage Gate	This building houses waste awaiting shipment - use caution - can contain solvents, caustic chemicals, herbicides, waste oils, etc. All drums should be labeled.

ATTACHMENT 7.3


EMERGENCY RESPONSE SERVICES

Following is a list of vendors that can provide clean up expertise, manpower and equipment in case of a hazardous waste emergency:

Peabody Clean Industry
1400 East Elizabeth Avenue
Linden, New Jersey 07036

 (24 hour answering)

Sunrise Environmental Services
381 East 54th Street
Elmwood Park, New Jersey

 (24 hour answering)

§ 117.3 Determination of reportable quantities.

The quantity listed with each substance in Table 117.3 is determined to be the reportable quantity for that substance.

Table 117.3

Reportable Quantities of Hazardous Substances

Note. - The first number under the column headed "RQ" is the reportable quantity in pounds. The number in parentheses is the metric equivalent in kilograms. For convenience, the table contains a column headed "Category" which lists the code letters "X", "A", "B", "C" and "D" associated with reportable quantities of 1, 10, 100, 1,000 and 5,000 pounds respectively.

Material	Category	RQ in pounds (kilograms)
Acetaldehyde	C	1,000 (454)
Acetic acid	C	1,000 (454)
Acetic anhydride	C	1,000 (454)
Acetone cyanohydrin	A	10 (4.54)
Acetyl bromide	D	5,000 (2,270)
Acetyl chloride	D	5,000 (2,270)
Acrolein	X	1 (0.454)
Acrylonitrile	B	100 (45.4)
Adipic acid	D	5,000 (2,270)
Aldrin	X	1 (0.454)
Allyl alcohol	B	100 (45.4)
Allyl chloride	C	1,000 (454)
Aluminum sulfate	D	5,000 (2,270)
Ammonia	B	100 (45.4)
Ammonium acetate	D	5,000 (2,270)
Ammonium benzoate	D	5,000 (2,270)
Ammonium bicarbonate	D	5,000 (2,270)
Ammonium bichromate	C	1,000 (454)
Ammonium bifluoride	D	5,000 (2,270)
Ammonium bisulfite	D	5,000 (2,270)
Ammonium carbamate	D	5,000 (2,270)
Ammonium carbonate	D	5,000 (2,270)
Ammonium chloride	D	5,000 (2,270)
Ammonium chromate	C	1,000 (454)
Ammonium citrate	D	5,000 (2,270)
Ammonium fluoborate	D	5,000 (2,270)
Ammonium fluoride	D	5,000 (2,270)
Ammonium hydroxide	C	1,000 (454)
Ammonium oxalate	D	5,000 (2,270)
Ammonium silicofluoride	C	1,000 (454)
Ammonium sulfamate	D	5,000 (2,270)
Ammonium sulfide	D	5,000 (2,270)
Ammonium sulfite	D	5,000 (2,270)
Ammonium tartrate	D	5,000 (2,270)
Ammonium thiocyanate	D	5,000 (2,270)
Ammonium thiosulfate	D	5,000 (2,270)
Amyl acetate	C	1,000 (454)
Aniline	C	1,000 (454)
Antimony pentachloride	C	1,000 (454)
Antimony potassium tartrate	C	1,000 (454)
Antimony tribromide	C	1,000 (454)
Antimony trichloride	C	1,000 (454)
Antimony trifluoride	C	1,000 (454)
Antimony trioxide	D	5,000 (2,270)
Arsenic disulfide	D	5,000 (2,270)
Arsenic pentoxide	D	5,000 (2,270)
Arsenic trichloride	D	5,000 (2,270)

Material	Category	RQ in pounds (kilograms)
Arsenic trioxide	D	5,000 (2,270)
Arsenic trisulfide	D	5,000 (2,270)
Barium cyanide	A	10 (4.54)
Benzene	C	1,000 (454)
Benzoic acid	D	5,000 (2,270)
Benzonitrile	C	1,000 (454)
Benzoyl chloride	C	1,000 (454)
Benzyl chloride	B	100 (45.4)
Beryllium chloride	D	5,000 (2,270)
Beryllium fluoride	D	5,000 (2,270)
Beryllium nitrate	D	5,000 (2,270)
Butyl acetate	D	5,000 (2,270)
n-Butyl phthalate	B	100 (45.4)
Butylamine	C	1,000 (454)
Butyric acid	D	5,000 (2,270)
Cadmium acetate	B	100 (45.4)
Cadmium bromide	B	100 (45.4)
Cadmium chloride	B	100 (45.4)
Calcium arsenate	C	1,000 (454)
Calcium arsenite	C	1,000 (454)
Calcium carbide	D	5,000 (2,270)
Calcium chromate	C	1,000 (454)
Calcium cyanide	A	10 (4.54)
Calcium dodecylbenzenesulfonate	C	1,000 (454)
Calcium hypochlorite	B	100 (45.4)
Captan	A	10 (4.54)
Carbaryl	B	100 (45.4)
Carbofuran	A	10 (4.54)
Carbon disulfide	D	5,000 (2,270)
Carbon tetrachloride	D	5,000 (2,270)
Chlordane	X	1 (0.454)
Chlorine	A	10 (4.54)
Chlorobenzene	B	100 (45.4)
Chloroform	D	5,000 (2,270)
Chlorpyrifos	X	1 (0.454)
Chlorosulfonic acid	C	1,000 (454)
Chromic acetate	C	1,000 (454)
Chromic acid	C	1,000 (454)
Chromic sulfate	C	1,000 (454)
Chromous chloride	C	1,000 (454)
Cobaltous bromide	C	1,000 (454)
Cobaltous formate	C	1,000 (454)
Cobaltous sulfamate	C	1,000 (454)
Coumaphos	A	10 (4.54)
Cresol	C	1,000 (454)
Crotonaldehyde	B	100 (45.4)
Cupric acetate	B	100 (45.4)
Cupric acetoarsenite	B	100 (45.4)
Cupric chloride	A	10 (4.54)
Cupric nitrate	B	100 (45.4)
Cupric oxalate	B	100 (45.4)
Cupric sulfate	A	10 (4.54)
Cupric sulfate ammoniated	B	100 (45.4)
Cupric tartrate	B	100 (45.4)
Cyanogen chloride	A	10 (4.54)
Cyclohexane	C	1,000 (454)
2,4-D Acid	B	100 (45.4)
2,4-D Esters	B	100 (45.4)
DDT	X	1 (0.454)
Diazinon	X	1 (0.454)
Dicamba	C	1,000 (454)
Dichlobenil	C	1,000 (454)
Dichlorone	X	1 (0.454)

REPORTABLE QUANTITIES

Material	Category	RQ in pounds (kilograms)	Material	Category	RQ in pounds (kilograms)
Dichlorobenzene	B	100 (45.4)	Malathion	A	10 (4.54)
Dichloropropane	D	5,000 (2,270)	Maleic acid	D	5,000 (2,270)
Dichloropropene	D	5,000 (2,270)	Maleic anhydride	D	5,000 (2,270)
Dichloropropene-Dichloropropane Mixture	D	5,000 (2,270)	Mercaptodimethur	B	100 (45.4)
2,2-Dichloropropionic acid	D	5,000 (2,270)	Mercuric cyanide	X	1 (0.454)
Dichlorvos	A	10 (4.54)	Mercuric nitrate	A	10 (4.54)
Dieldrin	X	1 (0.454)	Mercuric sulfate	A	10 (4.54)
Diethylamine	C	1,000 (454)	Mercuric thiocyanate	A	10 (4.54)
Dimethylamine	C	1,000 (454)	Mercurous nitrate	A	10 (4.54)
Dinitrobenzene	C	1,000 (454)	Methoxychlor	X	1 (0.454)
Dinitrophenol	C	1,000 (454)	Methyl mercaptan	B	100 (45.4)
Dinitrotoluene	C	1,000 (454)	Methyl methacrylate	D	5,000 (2,270)
Diquat	C	1,000 (454)	Methyl parathion	B	100 (45.4)
Disulfoton	X	1 (0.454)	Mevinphos	X	1 (0.454)
Diuron	B	100 (45.4)	Mexacarbate	C	1,000 (454)
Dodecylbenzenesulfonic acid	C	1,000 (454)	Monoethylamine	C	1,000 (454)
Endosulfan	X	1 (0.454)	Monomethylamine	C	1,000 (454)
Endrin	X	1 (0.454)	Naled	A	10 (4.54)
Epichlorohydrin	C	1,000 (454)	Naphthalene	D	5,000 (2,270)
Ethion	A	10 (4.54)	Naphthenic acid	B	100 (45.4)
Ethylbenzene	C	1,000 (454)	Nickel ammonium sulfate	D	5,000 (2,270)
Ethylene diamine	C	1,000 (454)	Nickel chloride	D	5,000 (2,270)
Ethylene dibromide	C	1,000 (454)	Nickel hydroxide	C	1,000 (454)
Ethylene dichloride	D	5,000 (2,270)	Nickel nitrate	D	5,000 (2,270)
EDTA	D	5,000 (2,270)	Nickel sulfate	D	5,000 (2,270)
Ferric ammonium citrate	C	1,000 (454)	Nitric acid	C	1,000 (454)
Ferric ammonium oxalate	C	1,000 (454)	Nitrobenzene	C	1,000 (454)
Ferric chloride	C	1,000 (454)	Nitrogen dioxide	C	1,000 (454)
Ferric fluoride	B	100 (45.4)	Nitrophenol	C	1,000 (454)
Ferric nitrate	C	1,000 (454)	Nitrotoluene	C	1,000 (454)
Ferric sulfate	C	1,000 (454)	Paraformaldehyde	C	1,000 (454)
Ferrous ammonium sulfate	C	1,000 (454)	Parathion	X	1 (0.454)
Ferrous chloride	B	100 (45.4)	Pentachlorophenol	A	10 (4.54)
Ferrous sulfate	C	1,000 (454)	Phenol	C	1,000 (454)
Formaldehyde	C	1,000 (454)	Phosgene	D	5,000 (2,270)
Formic acid	D	5,000 (2,270)	Phosphoric acid	D	5,000 (2,270)
Fumaric acid	D	5,000 (2,270)	Phosphorus	X	1 (0.454)
Furfural	C	1,000 (454)	Phosphorus oxychloride	D	5,000 (2,270)
Guthion	X	1 (0.454)	Phosphorus pentasulfide	B	100 (45.4)
Heptachlor	X	1 (0.454)	Phosphorus trichloride	D	5,000 (2,270)
Hexachlorocyclopentadiene	X	1 (0.454)	Polychlorinated biphenyls	A	10 (4.54)
Hydrochloric acid	D	5,000 (2,270)	Potassium arsenate	C	1,000 (454)
Hydrofluoric acid	D	5,000 (2,270)	Potassium arsenite	C	1,000 (454)
Hydrogen cyanide	A	10 (4.54)	Potassium bichromate	C	1,000 (454)
Hydrogen sulfide	B	100 (45.4)	Potassium chromate	C	1,000 (454)
Isoprene	C	1,000 (454)	Potassium cyanide	A	10 (4.54)
Isopropanolamine dodecylbenzenesulfonate	C	1,000 (454)	Potassium hydroxide	C	1,000 (454)
Kelthane	D	5,000 (2,270)	Potassium permanganate	B	100 (45.4)
Kepone	X	1 (0.454)	Propargite	A	10 (4.54)
Lead acetate	D	5,000 (2,270)	Propionic acid	D	5,000 (2,270)
Lead arsenate	D	5,000 (2,270)	Propionic anhydride	D	5,000 (2,270)
Lead chloride	D	5,000 (2,270)	Propylene oxide	D	5,000 (2,270)
Lead fluoborate	D	5,000 (2,270)	Pyrethrins	C	1,000 (454)
Lead fluoride	C	1,000 (454)	Quinoline	C	1,000 (454)
Lead iodide	D	5,000 (2,270)	Resorcinol	C	1,000 (454)
Lead nitrate	D	5,000 (2,270)	Selenium oxide	C	1,000 (454)
Lead stearate	D	5,000 (2,270)	Silver nitrate	X	1 (0.454)
Lead sulfate	D	5,000 (2,270)	Sodium	C	1,000 (454)
Lead sulfide	D	5,000 (2,270)	Sodium arsenate	C	1,000 (454)
Lead thiocyanate	D	5,000 (2,270)	Sodium arsenite	C	1,000 (454)
Lindane	X	1 (0.454)	Sodium bichromate	C	1,000 (454)
Lithium chromate	C	1,000 (454)	Sodium bifluoride	D	5,000 (2,270)
			Sodium bisulfite	D	5,000 (2,270)
			Sodium chromate	C	1,000 (454)

Material	Category	RQ in pounds (kilograms)
Sodium cyanide	A	10 (4.54)
Sodium dodecylbenzenesul- fonate	C	1,000 (454)
Sodium fluoride	D	5,000 (2,270)
Sodium hydrosulfide	D	5,000 (2,270)
Sodium hydroxide	C	1,000 (454)
Sodium hypochlorite	B	100 (45.4)
Sodium methylate	C	1,000 (454)
Sodium nitrite	B	100 (45.4)
Sodium phosphate, dibasic	D	5,000 (2,270)
Sodium phosphate, tribasic	D	5,000 (2,270)
Sodium selenite	C	1,000 (454)
Strontium chromate	C	1,000 (454)
Strychnine	A	10 (4.54)
Styrene	C	1,000 (454)
Sulfuric acid	C	1,000 (454)
Sulfur monochloride	C	1,000 (454)
2,4,5-T acid	B	100 (45.4)
2,4,5-T amines	B	100 (45.4)
2,4,5-T esters	B	100 (45.4)
2,4,5-T salts	B	100 (45.4)
2,4,5-TP acid	B	100 (45.4)
2,4,5-TP acid esters	B	100 (45.4)
TDE	X	1 (0.454)
Tetraethyl lead	B	100 (45.4)
Tetraethyl pyrophosphate	B	100 (45.4)
Thallium sulfate	C	1,000 (454)
Toluene	C	1,000 (454)
Toxaphene	X	1 (0.454)
Trichlorfon	C	1,000 (454)
Trichloroethylene	C	1,000 (454)
Trichlorophenol	A	10 (4.54)
Triethanolamine dodecylben- zenesulfonate	C	1,000 (454)
Triethylamine	D	5,000 (2,270)
Trimethylamine	C	1,000 (454)
Uranyl acetate	D	5,000 (2,270)
Uranyl nitrate	D	5,000 (2,270)
Vanadium pentoxide	C	1,000 (454)
Vanadyl sulfate	C	1,000 (454)
Vinyl acetate	C	1,000 (454)
Vinylidene chloride	D	5,000 (2,270)
Xylene	C	1,000 (454)
Xylenol	C	1,000 (454)
Zinc acetate	C	1,000 (454)
Zinc ammonium chloride	D	5,000 (2,270)
Zinc borate	C	1,000 (454)
Zinc bromide	D	5,000 (2,270)
Zinc carbonate	C	1,000 (454)
Zinc chloride	D	5,000 (2,270)
Zinc cyanide	A	10 (4.54)
Zinc fluoride	C	1,000 (454)
Zinc formate	C	1,000 (454)
Zinc hydrosulfite	C	1,000 (454)
Zinc nitrate	D	5,000 (2,270)
Zinc phenolsulfonate	D	5,000 (2,270)
Zinc phosphide	C	1,000 (454)
Zinc silicofluoride	D	5,000 (2,270)
Zinc sulfate	C	1,000 (454)
Zirconium nitrate	D	5,000 (2,270)
Zirconium potassium fluoride	D	5,000 (2,270)
Zirconium sulfate	D	5,000 (2,270)
Zirconium tetrachloride	D	5,000 (2,270)

Indian Point 3
Nuclear Power Plant
P.O. Box 215
Buchanan, New York 10511
914 739.8200



EMERGENCY PLAN PROCEDURES

PROCEDURE NO. IP- 1070 REV. 12

TITLE " PERIODIC CHECK OF EMERGENCY PREPAREDNESS EQUIPMENT "

ORIGINAL

WRITTEN BY: Michael F. DeLoe

REVIEWED BY: D. M. May

PORC REVIEW: W. D. Thompson DATE 5/23/85

APPROVED BY: CL. A. [signature] DATE 5/28/85

EFFECTIVE DATE: 5/29/85

PERIODIC CHECK OF EMERGENCY PREPAREDNESS EQUIPMENT1.0 INTENT

To describe the method for periodic checking of emergency equipment stored in Emergency Operation Facilities and Centers, Emergency Vehicles, Unit 3 Control Room, Command Guard House, and Peekskill Community Hospital.

2.0 LOCATIONS OF STORED EQUIPMENT

- Emergency Operation Facility (EOF)
- Alternate Emergency Operation Facility (AEOF)
- Emergency Vehicle (EV)
- Alternate Emergency Vehicle (AEV)
- NYPA Command Guard House (CGH)
- Unit 3 Control Room (CR)
- Unit 3 Technical Support Center (TSC)
- Unit 3 Operation Support Center (OSC)
- Peekskill Community Hospital

3.0 DISCUSSION

3.1 Con Edison shall check the emergency equipment located in the lockers in the EOF, AEOF, and emergency surveillance vehicles on a quarterly basis and after each drill. Con Edison Environmental Health and Safety Department Procedure EHS-S-7.301, Periodic Check of Stored Emergency Equipment and Supplies will be used.

3.2 Con Edison personnel will perform the following communication checks in accordance with Con Edison Environmental Health and Safety Department Procedure EHS-S-7.302, Periodic Check of Emergency Radios, Telephones, and Outdoor Assembly Alarm).

- Con Ed frequency radios (EOF, AEOF, CR-2, CR-3, CE-CGH, 2 emergency vehicles).
- Con Ed walkie-talkie radios
- Con Ed Emergency Site Assembly Alarm
- County Hot Line (RECS) Telephones (EOF, AEOF)
- Direct line telephones (EOF, CR-2, CR-3, AEOF)
- Con Ed TSC/EOF/CR automatic ring telephones
- NYPA push button phones in EOF
- NRC (ENS) phones in EOF and AEOF

- 3.3 The Unit 3 CR RECS phone is checked separately at a different frequency initiated by the NYS Warning Point.
- 3.4 The Unit 3 CR ODP radio is checked separately at a different frequency initiated by NYS Southern District Office of Disaster Preparedness located in Poughkeepsie, New York.
- 3.5 Following completion of the above checks, Con Edison shall forward copies of the completed checklists of equipment and supplies to the IP-3 RES Department for review and filing.
- 3.6 The IP-3 Safety Supervisor shall assure emergency first aid equipment is checked in conformance with surveillance test 3PT-M48. It is also the responsibility of the Safety Department to check and replace as necessary all of the air supplied and/or oxygen generating respiratory equipment.
- 3.7 IP-3 Health Physics personnel shall check the emergency equipment lockers in the IP-3 CR, OSC, TSC, CGH and Peekskill Community Hospital Decon Room on a monthly basis and after each drill. Health Physics is also responsible for changing film badges and/or TLDs at these locations on a monthly basis. In addition, Health Physics will conduct the monthly communication checks as specified on the checkoff lists included in this procedure (Attachment 5.1).

4.0 PROCEDURE

- 4.1 The IP-3 Performance and Reliability Group shall issue notice on a monthly basis to the Assistant to the Radiological and Environmental Services Superintendent (ARESS) stating when the periodic check of equipment is due.
- 4.2 The ARESS shall attach a copy of this procedure (IP-1070) to the notice and forward it to the Health Physics Supervisor who, in turn, will assign the inventory check to an HP(s).
- 4.3 Using the checkoff lists (Attachment 5.1 of this procedure), the HP(s) performing the checks shall:
 - 4.3.1 Obtain permission from the Shift Supervisor (SS) or Senior Reactor Operator (SRO) to conduct this procedure. The SS or SRO shall sign Page 1 of Attachment 5.1 indicating his permission to conduct the test.
 - 4.3.2 Obtain permission from the Emergency Room Representative at the Peekskill Community Hospital to conduct the inventory at that facility. The Emergency Room Representative shall sign Page 1 of Attachment 5.1 indicating his permission to conduct the test.
 - 4.3.3. Indicate that each piece of equipment is present by placing a check (✓) next to the item on the checkoff list.
 - 4.3.4 Perform a functional inspection and/or battery test on equipment as indicated.

- 4.3.5 Indicate any appropriate comments next to each item found defective.
- 4.3.6 Note the calibration due date in the appropriate column for instruments and counters.
- 4.3.7 Replace defective and/or missing equipment and report it to the ARESS.
- 4.3.8 Replace any equipment if its' calibration will expire before the next scheduled check.
- 4.3.9. Submit completed test to the SS for review and signature.
- 4.4 The SS shall:
 - 4.4.1 Review the test results.
 - 4.4.2 Sign Page 1 of Attachment 5.1 indicating review.
 - 4.4.3 Log as appropriate.
 - 4.4.4 Return to the ARESS.
- 4.5 The ARESS shall:
 - 4.5.1 Review the test results.
 - 4.5.2 Ensure all required equipment/supplies are available and operational.
 - 4.5.3 Sign Page 1 of Attachment 5.1 indicating review.
 - 4.5.4 Forward to the Performance and Reliability Group for filing.
- 4.6 The Performance and Reliability Group shall file and maintain all test results as required by IP-3 Tech. Specs.

5.0 ATTACHMENTS

5.1 Emergency Locker Inventory Checklist

EMERGENCY LOCKER AND EQUIPMENT INVENTORY REVIEW AND SIGNATURE

1. Permission to initiate test: _____
Shift Supervisor/Senior Reactor Operator Date

2. Permission to inspect inventory at Peekskill Community Hospital:
- | | |
|--|---------------|
| _____
Emergency Room Representative | _____
Date |
|--|---------------|

3. Review of test results:
- | | |
|--|------------|
| | Date |
| | ARESS Date |

EQUIPMENT LOCATED IN THE CONTROL ROOM
CHECKOFF LIST

CONTROL ROOM LOCKER #1 - (This locker is in the Turbine Hall.)

The key (#75) to this locker is stored in the Control Room key locker.

No.	Equipment	Operational Calibration			Comments
		Present	Check	Due	
<u>Respiratory Protection</u>					
24	Combination Cartridges		NA	NA	
4	SCBA, (40l pressure demand)		NA	NA	

CONTROL ROOM LOCKER #2 - (This locker is inside the Control Room.)

The key (#76) to this locker is stored in the Control Room key locker.

No.	Equipment	Operational Calibration			Comments
		Present	Check	Due	
<u>AIR SAMPLING & COUNTING</u>					
1	HD-28B sampler/totalizer		*		
1	SPA-3/MS-2 iodine counter w/shield**		*		
1	Frisker (RM-14)w/HP-210 or 260 probe		*		
1	Box air filters for HD-28B		NA	NA	
1	Box charcoal cartridges		NA	NA	
12	Silver zeolite cartridges		NA	NA	
1	Check source SPA-3 (Ba-133)		NA	NA	
5	packs smears		NA	NA	
5	packs gauze wipes		NA	NA	
1	pair tweezers		NA	NA	
-	Planchetts		NA	NA	
-	Smear Envelopes		NA	NA	
4	Air sample heads for HD-28B		NA	NA	

* Operational check required.

** Shield for SPA-3 is stored by the Control Panels.

Date Test Performed:

Signature of Checker:

EQUIPMENT LOCATED IN THE CONTROL ROOM
CHECKOFF LIST

CONTROL ROOM LOCKER #2 - (continued)

No.	Equipment	Operational Calibration			Comments
		Present	Check	Due	
<u>DOSIMETRY</u>					
20	Film badges and/or TLDs		NA	replace	
20	0-200 mR dosimeters		* zero		
20	0-500 mR dosimeters		* zero		
20	0-5 R dosimeters		* zero		
2	Dosimeter charges		*		
1	Set AA spare batteries		*	NA	
<u>PORTABLE SURVEY INSTRUMENTS</u>					
1	RO-2 or equivalent ion. chamber		*		
1	RO-2A or equivalent ion. chamber		*		
1	E-530 GM survey instrument or equiv.		*		
<u>RESPIRATOR PROTECTION</u>					
2	Bottles CR breathing air**		NA	NA	
10	Air masks with pressure demand regulators		NA	NA	
6	Lengths of 50' hose		NA	NA	
100	Bottles KI (14 doses/bottle)		NA	NA	
<u>MISCELLANEOUS</u>					
2	Log Books		NA	NA	
3	Voice Amplifiers		Battery test		
2	Step-off pads		NA	NA	
2	Telephone headsets		*	NA	
1	Calculator		*	NA	
1	HP85 Dose Assessment Tape		NA	NA	
-	Emerg. Title Badges & Badge Holder		NA	NA	
3	POM, SS/SRO, Communicator Responsibility Books		NA	NA	

- * Operational check required.
** Stored in the Control Room.

Date Test Performed:

Signature of Checker:

EQUIPMENT LOCATED IN THE CONTROL ROOM
CHECKOFF LIST

CONTROL ROOM LOCKER #4 - (This locker is in the Turbine Hall.)

The key (#78) for this locker is stored in the Control Room key locker.

No.	Equipment	Operational Calibration			Comments
		Present	Check	Due	
<u>ANTI "C"</u>					
12	Sets Anti-"C" clothing		NA	NA	
-	Extra shoe covers (high & low)		NA	NA	
-	Extra surgeons gloves		NA	NA	
<u>RESPIRATOR PROTECTION</u>					
3	Manifolds		NA	NA	
3	Regulators for lg. bottle manifolds		NA	NA	
<u>RESPIRATORY PROTECTIONS</u>					
12	Full & half-face respirators		**	NA	
6	Spare bottles for SCBA		NA	NA	
<u>MISCELLANEOUS</u>					
-	Radioactive Caution Signs		NA	NA	
1	Battery Tester		*	NA	
-	Burn Kit		NA	NA	
-	First Aid Book		NA	NA	
-	Alarm		*	NA	
2	Loud Mouths		*	NA	

* Operational Check Required.

** Respirator inspection (as per RE-HP-11.16).

Date Test Performed:

Signature of Checker:

EQUIPMENT LOCATED IN THE CONTROL ROOM
CHECKOFF LIST

CONTROL ROOM

This equipment is stored inside the Control Room, but not in any of the lockers.

No.	Equipment	Operational Calibration			Comments
		Present	Check	Due	
<u>RADIOS</u>					
-	Con Edison Radio		NA	NA	
-	Office of Disaster Preparedness Radio (ODP)		NA	NA	
<u>TELEPHONES</u>					
-	CR/OSC/TSC/EOF/RC Telephone		*	NA	
-	Control Room Emerg. Notification System (ENS) telephone (to NRC)		*	NA	
-	Shift Supervisor's Office ENS (to NRC)		*	NA	
-	County Hot Line telephone (RECS)		**	NA	
-	Assorted Direct Lines		*	NA	
-	NAWAS Telephone		**	NA	
<u>MISCELLANEOUS</u>					
1	Emerg. Response Guidebook (DOT P 5800.3)		NA	NA	
1	NYPA Emergency Plan Book		NA	NA	
1	NYPA Emerg. Plan Procedure Book		NA	NA	
1	Book of Forms		NA	NA	
1	Site Map		NA	NA	
1	10 Mile Map		NA	NA	
1	Overlays for 10 Mile Map		NA	NA	
1	Book - "Decon Treatment at Peekskill Hospital"		NA	NA	

- * Operational check required.
** NYS will test.

Date Test Performed:

Signature of Checker:

EQUIPMENT LOCATED IN THE TECHNICAL AND OPERATIONS SUPPORT CENTER
CHECKOFF LIST

OSC/TSC CHEMISTRY LOCKER

The key to this locker is stored:

- In the TSC key (#59) locker. The STA on duty will have a key to the TSC key locker.
- In the OSC (hall) key (#4) locker. The key for the OSC key locker is found in the H.P. watch office key (#30) locker.

No.	Equipment	Operational Calibration			Comments
		Present	Check	Due	
<u>Miscellaneous</u>					
-	Chemistry Procedures Book		NA	NA	
-	Chemistry Team Leader		NA	NA	
2	Log Books		NA	NA	
-	Clerical Supplies		NA	NA	

TSC COMMUNICATIONS ROOM

The key to this room is stored:

- In the TSC key (#20) locker. The STA on duty has a key to the TSC key locker.
- In the OSC (hall key) (#8) locker. The key for the OSC key locker is found in the H.P. watch office key (#30) locker.

No.	Equipment	Operational Calibration			Comments
		Present	Check	Due	
2	Telecopiers		*	NA	
1	Xerox Machine		*	NA	
2	Prodac 250 consoles w/kybrds & modems		NA	NA	
-	Switchboard		NA	NA	
-	Outside Lines		*	NA	
-	NYPA extensions		*	NA	

* Operational check required.

Date Test Performed:

Signature of Checker:

EQUIPMENT LOCATED IN THE TECHNICAL AND OPERATIONS SUPPORT CENTER
CHECKOFF LIST

OSC CONTROL POINT DESK

The keys to this desk are stored:

- In the TSC key (#36) locker. The STA on duty will have a key to the TSC key locker.
- In the OSC (hall) key (#1) locker. The key for the OSC key locker is found in the H.P. watch office key (#30) locker.

No.	Equipment	Operational Calibration			Comments
		Present	Check	Due	
<u>Dosimetry</u>					
20	Film badges and/or TLDs		NA	replace	
25	0-200 mR dosimeters		* zero		
25	0-500 mR dosimeters		* zero		
25	0-5 R dosimeters		* zero		
34	0-50 R dosimeters		* zero		
15	0-100 R dosimeters		* zero		
33	0-200 R dosimeters		* zero		
9	0-1000 R dosimeters		* zero		
15	sets ring badges		NA	replace	
2	dosimetry chargers		*		
2	sets AA spare batteries		*	NA	
<u>Telephones</u>					
	NYPA extension 498		*	NA	
<u>Miscellaneous</u>					
1	Racal-Vadic Acoustic Coupler Modem		NA	NA	
-	Emerg. Plan HP computer disc/tape		NA	NA	
-	Dose Report		NA	NA	
-	Green and Yellow Stickers		NA	NA	
-	Chart Paper		NA	NA	
-	Clerical Supplies		NA	NA	
1	Extremity Dose Record Book		NA	NA	
1	Dosimetry Responsibility Book		NA	NA	

* Operational check required.

Date Test Performed:

Signature of Checker:

EQUIPMENT LOCATED IN THE TECHNICAL AND OPERATIONS SUPPORT CENTER
CHECKOFF LIST

OSC/TSC EMERGENCY LOCKER #1

The key to this locker is stored:

- In the TSC key (#60) locker. The STA on duty will have a key to the TSC key locker.
- In the OSC (hall) key (#3) locker. The key for the OSC key locker is found in the H.P. watch office key (#30) locker.

No.	Equipment	Operational Calibration			Comments
		Present	Check	Due	
<u>Anti-C</u>					
24	sets Anti-"C" clothing		NA	NA	
-	extra surgeons gloves		NA	NA	
-	extra shoe covers (high & low)		NA	NA	
<u>Respiratory Protection</u>					
25	full face respirators		**	NA	
50	combination cartridges		NA	NA	
4	SCBA		NA	NA	
<u>Miscellaneous</u>					
2	flashlights with spare batteries		*	NA	
1	HP Controlled Procedures Book		NA	NA	
-	Radioactive Caution Signs		NA	NA	
2	Step off pads		NA	NA	
1	Calculator		*	NA	
2	Stopwatches		*	NA	
-	Shaving Cream		NA	NA	
-	Razors		NA	NA	

* Operational check required.

* The SCBA's are stored on top of both lockers and there are 4 spare air bottles in the Fire Brigade Room.

** Respirator inspection (as per RE-HPI-11.16).

Date Test Performed:

Signature of Checker:

EQUIPMENT LOCATED IN THE TECHNICAL AND OPERATIONS SUPPORT CENTER
CHECKOFF LIST

OSC/TSC EMERGENCY LOCKER #2

The key to this locker is stored:

- In the TSC key (#60) locker. The STA on duty has a key to the TSC key locker.
- In the OSC (hall) key (#3) locker. The key for the OSC key locker is found in the H.P. watch office key (#30) locker.

No.	Equipment	Operational Calibration			Comments
		Present	Check	Due	
<u>Air Sampling & Counting Equipment</u>					
1	HD-28B sampler/totalizer		*		
1	SPA-3/MS-2 iodine counter w/shield**		*		
1	AMS-2 continuous air monitor		*		
1	Triton		*		
3	Frskrs (RM-14)w/HP-210 or 260 probe		*		
1	box air filters AMS-2		NA	NA	
1	box air filters HD-28B		NA	NA	
20	Charcoal cartridges		NA	NA	
25	Silver zeolite cartridges		NA	NA	
2	extra rolls of chart paper (AMS-2)		NA	NA	
2	pair tweezers		NA	NA	
1	check source SPA-3 (Ba-133)		NA	NA	
30	packs smears		NA	NA	
5	packs gauze wipes		NA	NA	
-	Planchetts		NA	NA	
-	Smear envelopes		NA	NA	
4	Air sample heads for HD-28B		NA	NA	
1	BC-4 Beta Counter		NA	NA	
<u>Portable Survey Instruments</u>					
1	RO-2 or equivalent ion. chamber		*		
1	E-530 GM survey instr. or equiv.		*		
2	RO-2A or equivalent ion. chamber		*		
2	Teletectors		*		
<u>Miscellaneous</u>					
-	Fuses		NA	NA	
-	Extra Batteries - AA, 9 volt, D		*	NA	

* Operational check required.

** The shielding for the SPA-31 is to the right of the chemistry locker.

Date Test Performed:

Signature of Checker:

EQUIPMENT LOCATED IN THE TECHNICAL AND OPERATIONS SUPPORT CENTER
CHECKOFF LIST

OPERATIONS SUPPORT CENTER

The keys to the OSC are stored:

- In the TSC key (#11, #35, #40) locker. The STA on duty has a key to the TSC key locker.
- In the OSC (hall) key (#6) locker. The key for the OSC key locker is found in the H.P. watch office key (#30) locker.

The key to the locker in the Manager's office is stored:

- In the TSC key (#38) locker. The STA on duty has a key to the TSC key locker.
- In the OSC (hall) key (#7) locker. The key for the OSC key locker is found in the H.P. watch office key (#30) locker.

No.	Equipment	Operational Calibration			Comments
		Present	Check	Due	
<u>Radios</u>					
6	HT-220 Handy Talkies 153.635 MHz (Emerg. Plan Freq.)		*	NA	1/1
1	Con Ed Handy Talkie		*	NA	
1	Base Station (153.635 MHz)		*	NA	
4	Model HT RR-2 duplex headsets with throat mike		*	NA	
4	Respirator microphone radios		*	NA	
<u>Respiratory Protection</u>					
200	Bottles KI (14 doses each bottle)		NA	NA	
<u>Telephones</u>					
1	Telephone headset		*	NA	
2	OSC/TSC/EOF/CR/RC dir-line phones		*	NA	1/1
-	Assorted telephone		*	NA	
<u>Miscellaneous</u>					
1	Emergency Plan Book		NA	NA	
1	Emergency Plan Implem. Procedures		NA	NA	
1	Emergency Plan Forms Book		NA	NA	
-	Communications Forms		NA	NA	
1	Chemistry OSC Book		NA	NA	
-	Misc. OSC Responsibility Books		NA	NA	
-	OSC Briefing Forms		NA	NA	
-	Clerical Supplies		NA	NA	
-	Set PAB Maps (4)		NA	NA	
-	Misc. boards for updates		NA	NA	
-	OSC Side Door Interlocks		*	NA	1/1

* Operational check required.

Date Test Performed:

Signature of Checker:

EQUIPMENT LOCATED IN THE TECHNICAL AND OPERATIONS SUPPORT CENTER
CHECKOFF LIST

TSC

To enter the TSC proper - the key is stored in the OSC (hall) key (#5) locker. The key for the OSC key locker is found in the H.P. watch office key (#30) locker.

The key to this desk is stored:

- In the TSC key (#45) locker. The STA on duty has a key to the TSC key locker.
- In the OSC (hall) key (#2) locker. The key for the OSC key locker is found in the H.P. watch office key (#30) locker.

No.	Equipment	Operational Calibration			Comments
		Present	Check	Due	
<u>Radios</u>					
1	Con Ed Handy Talkie		*	NA	
<u>Telephones</u>					
1	Telephone headset		*	NA	
1	NYPA extension 442		*	NA	
1	Outside Line - (914) 739-7334		*	NA	
1	Emergency Notification System (ENS)		*	NA	
1	Direct line to WPO		*	NA	
1	Direct line to CR/EOF/OSC/TSC/RC		*	NA	
1	Direct line to EOF		*	NA	
-	Switchboard Receiver		*	NA	
<u>Miscellaneous</u>					
1	Emergency Plan Book		NA	NA	
1	Emergency Plan Implem. Procedures		NA	NA	
1	Book of Forms		NA	NA	
-	Set of PAB Maps (4)		NA	NA	
-	Folder of Site and Area Maps		NA	NA	
1	Headquarters Emergency Plan		NA	NA	
-	Westinghouse Emerg. Response Plan		NA	NA	
-	TSC Operating Manual		NA	NA	
-	Emergency Telephone Directory		NA	NA	
-	Region I Incident Response Supplement to NUREG-0845		NA	NA	
-	Headquarters Emergency Response/ Recovery Implementing Procedures)		NA	NA	
-	Operators Console Manual		NA	NA	
-	Multiplier rechargeable battery		*	NA	
-	Log Book (TSC)		NA	NA	
-	Communications Forms		NA	NA	
-	Computer Info.		NA	NA	
-	Misc. TSC Responsibility Books		NA	NA	
-	Plant Status Logs - EP-Form 31a,b,c		NA	NA	
-	Clerical Supplies		NA	NA	
-	TSC Side Door Interlocks		*	NA	

* Operational check required.

Date Test Performed:

Signature of Checker:

EQUIPMENT IN COMMAND GUARD HOUSE (UNIT 3)
CHECKOFF LIST

No.	Equipment	Present	Operational Check	Calibration Due	Comments
40 -	Film Badges and/or TLDs		NA	replace	
50 -	500 mR dosimeters		*		
10 -	5 R dosimeters		*		
1 -	Dosimeter Charger		*	NA	
10 -	H/Face respirator with Iodine filters		**	NA	
1 -	100 bottles KI tablets		NA	NA	
8 -	Anti-C clothing kits		NA	NA	
2 -	Emergency Notification & Call-In Books		NA	NA	
1 -	Box Surgical Gloves		NA	NA	
	- Yellow Herculite for ambulance floor		NA	NA	
1 -	E-530 GM Survey Meter or equivalent		*		
1 -	RM-14 Frisker with HP-210 or 260 probe		*		

NOTE: Test the Con Ed Security frequency walkie-talkie (Frequency 2) by individually contacting the Unit 3 Control Room. Notify Unit 3 Control Room by phone prior to the test.

Test:	Unit 201 to KGS757		*	NA	
	Unit 203 to KGS757		*	NA	

- * Operational check required.
** Respirator Inspection (as per RE-HPI-11.16).

Date Test Performed:

Signature of Checker:

EQUIPMENT LOCATED AT PEEKSKILL COMMUNITY HOSPITAL DECON ROOM
CHECKOFF LIST

NO.	EQUIPMENT	PRESENT	COMMENTS
1	Mobile Storage Cart		
1	Stainless Steel Cart		
1	4 Outlet Power Box		
1	Lead Pig		
-	Precut Yellow Herculite for Decon Room		
1	Roll Yellow Herculite for Hallway Floor		
-	Green Herculite for Outside Decon Room		
200	Yellow Plastic Booties		
200	Disposable Hoods		
40	Disposable Gowns		
1	Step-off Pad		
2	30 Gal. White Poly Waste Collection Containers		
2	25 Ft. Extension Cords		
9	"Caution - Contam. Area" signs		
1	Roll Large Clear Poly Bags		
10	Large Yellow Poly "Rad. Material" Bags		
10	Small Yellow Poly "Rad. Material" Bags		
1	Razor Knife		
5	Rolls Yellow Tape		
5	Rolls Masking Tape		
1	Washdown Stretcher		
1	Flexible Drain Hose for Washdown Stretcher		
1	Green Garden Hose with Washdown Fitting		
1	Decon Supplies (2 Boxes)		
1	Sampling Kit (2 Boxes)		
3	Boxes Surgical Gloves		
3	5 Gal. Yellow Poly Waste Water Collection Jugs		
1	Wall Clock		
1	Roll Saran Wrap		
80	Disposable Towels		
50Ft.	1/2" Tygon Tubing		
1	Bung Wrench		
2	Filter Rigs		
8	Lengths Rad. Rope with Clips		
1	E-530		
2	Friskers (RM-14 with HP-210 Probe)		
12	0-500 mR Dosimeters		
12	0-200 mR Dosimeters		
1	Dosimeter Charger		
10	TLD Badges		
20	TLD Rings		
1	Roll White Herculite		
12	Protective Clothing Packages		
4	Metal Stanchions for roping off ambulance		
1	Roll Rad. Rope for roping off ambulance		
1	Decon Kit (RMC)		

Date Check Performed:

Signature of Checker:

BEEPER HOLDERS

Beeper Holders

Pager No.

Albright, Marty.....
Brons, Jack.....
Carano, Bill.....
Deschamps, Bob.....
Dube, Joe.....
Gillen, Jim.....
Hahn, John.....
Hamlin, Bill.....
Heady, Bill.....
*Josiger, Bill.....
Lomonaco, Linda.....
Munoz, Steve.....
Perrotta, Joe.....
Russell, Joe.....
Russell, Pat.....
Quinn, Dennis.....
Tagliamonte, Ed.....
Vignola, Joe.....
Wollak, Janet.....

Tech. Services Engineer (Mechanical).....
Tech. Services Engineer (Electrical).....
Tech. Services Engineer (Performance).....

* Nuclear Generation Duty Officer.....

* When calling this number, the ring will be followed by a series of beep tones. When the beep tones stop, hang up. This pager are beep only, therefore they will call IP-3 Security for their message.

data page SERVICE How to send a message to:
Note: You must use a touch-tone phone or adapter.
1. Dial my Data Page No.: ----- -----
2. Wait until you hear three beep tones - beep - beep - beep.
3. Enter the telephone number where you wish to be called. (You can enter up to 24 digits.)
4. Press the number sign button (#).
5. Hang up.

NOTE: With this type of paging, the individual will see the # you entered on his pager, and will know where to call back.

If using a rotary phone call security (), and they will page from the plant touch tone system. If "air busy" call security to have then call () and page manually. Only a beep will occur, no digital message, therefore pagee should call security back for their message.

ROSTER I
NYPA NOTIFICATION TELEPHONE NUMBERS
 (For use by Resident Manager's Secretary and Security)

The personnel listed below must be called and given the details of the emergency. Notification of these individuals is mandatory. The information provided to these individuals must include:

1. Callers Name & Title _____
2. The emergency classification _____
3. The time it was declared _____
4. A brief description of the conditions _____
5. Any other information they may request _____

	Work Ext.	Home #	Pager #	Time Contacted
--	-----------	--------	---------	----------------

- | | | | | |
|--|--|--|--|--|
| 1. Resident Manager, W. Josiger | | | | |
| 2. Supt. of Power, J. Russell | | | | |
| 3. Supt. of Operations, E. Tagliamonte | | | | |
| 4. Information Officer, J. Wollak | | | | |
| Alternate, C. Spieler | | | | |
| 5. Recovery Manager, via dedicated Hot Line** | | | | |
| (green phone in Resident Mangers Office or Control Room) | | | | |
| Alt.: Sal Zulla | | | | |
| Alt.: Nuc. Gen. Duty Officer | | | | |

* When calling these numbers, the ring will be followed by a series of beep tones. When the beep tones stop, hang up. NOTE: These pagers are beep only, therefore they will call IP-3 Security for their message.

** If Security is calling use the alternate rather than the direct line.

NOTE: Be sure to notify the Shift Supervisor/Emergency Director when the above individuals have been notified or if they cannot be contacted.

Time _____

To page the above IP-3 individuals use these instructions:

NOTE: With this type of paging, the individual will see the # you entered on his pager, and thus will know who to call.

data page SERVICE

How to send a message to:

Note: You must use a touch-tone phone or adapter.

1. Dial my Data Page No.:

2. Wait until you hear three beep tones -
beep - beep - beep.

3. Enter the telephone number where you wish to be called.
(You can enter up to 24 digits.)

4. Press the number sign button (#).

5. Hang up.


JUN 11 1985

- If the "air busy" call () to have individuals paged manually (only a beep no digital message, therefore pagee should call security back for a message).

Appendix A
Roster III

Acct.

Biordi, Anne Marie
Burns, Rosemarie
Carlucci, Nicholas
Catano, Irene
Eng, Nancy
Gulla, Elaine
Intelisano, Joanne
Nicholas, Muriel
Reilly, Marie
Salvadore, Nancy

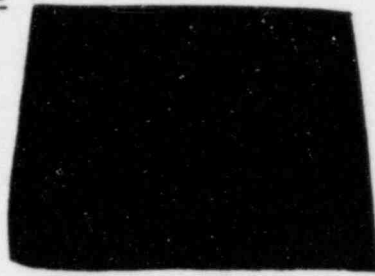


JUN 7 1985

Appendix A
Roster III

Administrative

Duffy, Joann
Grogan, Maureen
Hamlin, Bill
Josiger, Bill
Mann, Janice
Russell, Joe
Schivera, John




JUN 7 1985

Appendix A
Roster III

Chem.

DeNully, Anthony
Ellgen, George
Farinelli, James
Festa, John
Gander, Lynn
Kerns, Matt
Kraft, John
Matwijiw, Joseph
Milo, Paula
O'Brien, David
Sandike, Steven
Tolliver, John
Wilson, Daniel
Woodward, Bruce

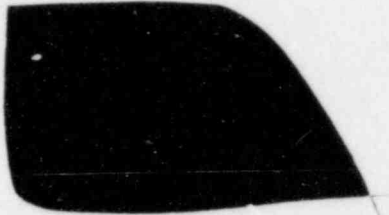


JUN 7 1985

Appendix A
Roster III

Documents

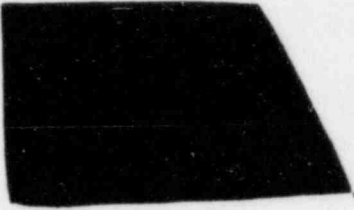
Feola, Frank
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Ryan, Theresa
Tiberi, Louis A.



Appendix A
Roster III

Fire and Safety

Dube, Joe
Rabias, John
Russell, Pat
VanBuren, S.
Walsh, Pam



JUN 7 1985

Appendix A
Roster III

H.P.

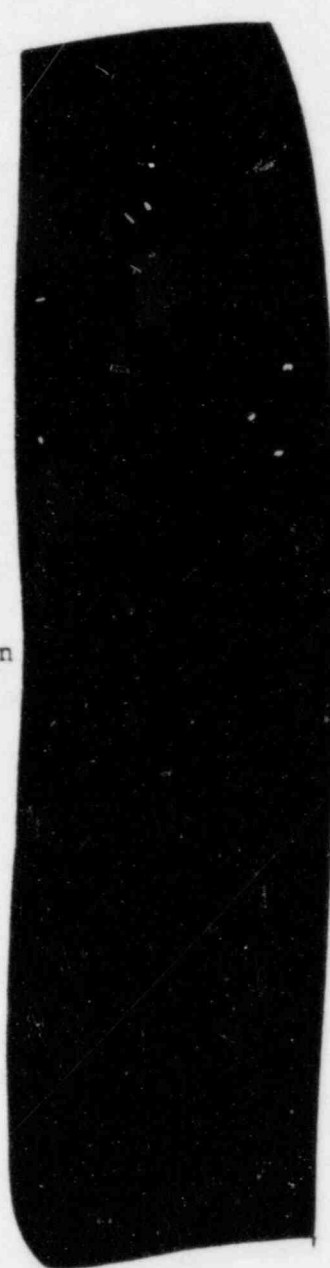
Barry, James
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Chaubard, Mary Ann
Darman, Joseph
Deschamps, Bob
Dulgerian, Korkean
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Jordan, Bill
LaVera, Ron
Milewski, Daniel
Mitchell, Frank
Neff, John
Owens, Richard
Phillips, Thomas
Saunders, Paul
Solanto, Robert
Steigleman, Lou
Sullivan, Owen
Tagliamonte, Reid
Thomas, Alan
Troccoli, Robert



Appendix A
Roster III

I&C

Albright, Martin
Boccio, John
Buyes, David
Carlson, Kathleen
Cerwin, Anthony
Clerkin, Catherine
Daly, David
Davis, James
Gaudreau, Allan
Harris, Roger
Hayden, David
Howard, Kevin
Kappes, Raymond
Kelly, Daniel
Krawec, Walter
Lindstrom, Brian
Lisewski, Mark
Martin, James
Mastrogiacomo, Maryellen
Michetti, John
Noel, William
Norton, Jeffrey
Padron, Julio
Payne, Kenneth
Richter, Robert
Semrai, John
Shene, Robert
Stephen, Peter
Terramoccia, John
Thoma, Robert
Torchia, Frank
Towne, Paul
White, Thomas
Williams, Robert
Zannelli, Robert
Zizzo, William



JUN 7 1985


Appendix A
Roster III

Maint.

Abilo, Nicholas
Acampora, Salvatore
Alemanno, Michael
Alphin, Chuck
Arcate, John
Badman, Harvey
Bailey, Timothy
Beusse, David
Bobik, Stephen
Butler, James
Carano, Bill
Carey, Colleen
Carlucci, James
Clayton, Dennis E.
Colwell, Dennis
Colwell, Frances
Cook, Leonard
Curry, Robert
DeCurtis, Dianne
Devlin, Michael
DiChiara, Joe
Dockstader, G.
Ellinger, Glenn
Erickson, Paul
Galage, Dan
Gorman, Thomas
Hakala, Phillip
Hannigan, Linda
Haviland, Sharon
Knapp, Charles
Kraus, Richard
Kuchera, Michael
Kulaga, Joseph
Lawlor, Michael
Lewis, Brent
Lord, Frank
Loughney, Dennis
Lucas, Bill
Mahoney, Joseph
Mainville, Timothy
Marks, Clifford
Maset, Edward N.
Mastrogiacono, William
McAvinue, Thomas G.
McAvinue, Thomas P.
Merlino, Frank
Miller, Wayne
Morabito, John

Appendix A
Roster III

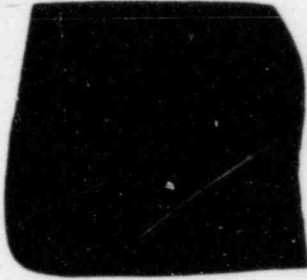
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Ownby, J.T.
Pagano, Austin
Patti, Vincent
Petrillo, Bruce
Phillips, Douglas
Polasko, John
Pratt, Curtis
Pulcher, Tom
Robinson, Paul
Rodia, Jay
Scott, John
South, Donevan
Swanson, Jeffrey
Taggart, Ransome
Tompkins, Kevin
Traditi, Steven
Turner, George
Vignola, Joseph
Vitale, Anthony
Walsh, William
Williams, Kenneth
Wilson, Ervin
Witherell, Bruce
Zolchak, John



Appendix A
Roster III

Office Services


Bell, John
Bowman, Ruthanne
Metzer, Christine
Saladino, Margaret
Tiberi, Geraldine
Walter, Martha
Wyskida, Stefanie



Appendix A
Roster III

Onsite Review Committee

Bystrak, Richard
Slezak, Michael



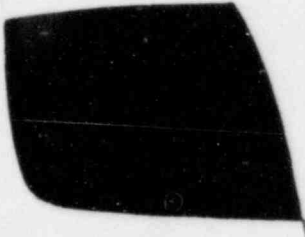
Operations

Abercrombie, Scott
Bengis, Mark
Bleakley, Gail
Braun, Charles
Cannon, Jim
Caraher, Edward
Caskey, Mark
Christman, Robert H.
Corbett, Matthew
Cramer, Thomas
DeVries, Nicholas
Ducey, Patrick
Elie, Alex
Faughnan, Philip
Green, Ronald D.
Gurina, Ernest
LaFever, Raymond
Martuscelli, A.
Mayer, Jan
McElroy, Ian
McElroy, Noel
Merlino, Louis
Miller, Bill
Moore, William
Morabito, James
O'Neill, Shawn
Ras, Thomas
Rescigno, Peter
Schlude, Richard
Schmidt, William
Schrader, Francis
Seaboldt, Jack
Small, A.
Swindell, William
Tagliamonte, Ed
Versace, Phillip
Walsh, Edward
Yasek, Donald

Appendix A
Roster III

Personnel

Ferguson, Susan
Golemi, Salvatore
Grey, Elaine
Rinzivillo, Kelly




JUN 7 1985

Appendix A
Roster III

Public Relations

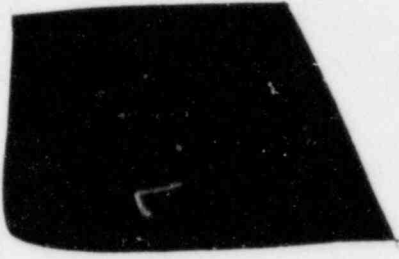
Bravato, Marge
Leisenring, Barbara
Ogden, Tina
Wollak, Janet



Appendix A
Roster III

Purchasing


Bingham, Health
Boyle, Nancy
Koberlein, Jean
McLeod, Donald
Moretti, Jean
Reagan, Jim



Appendix A
Roster III

QA


Buckley, Robert
Choma, Jill
Claar, Robert
Davis, Steven
Graff, Walter
Gwynn, Larry
Jenny, Dennis
Martin, Bobby
McGuire, Wayne
Memon, Siraj
Noroian, Richard
Oliva, Robert
Peterson, Joseph
Picciano, Andrew
Pindar, Francis
Rheaume, Wayne
Robinson, Howard
Tasik, George



Appendix A
Roster III

R.E.S.

Barton, Diane
Baxter, Jean
Emery, Alton
Gillen, Jim
Gray, Dara
Labenski, Tom
Lomonaco, Linda
Mayer, Donald
Peckham, Michael
Perrotta, Joseph
Quinn, Dennis
Sabi, Orlando



Appendix A
Roster III

Rad Waste


Blumer, James
Burger, Andy
Burke, William
Cohen, Martin
Greenman, Bill
LePere, John
Matthews, Ronald
O'Neil, Patrick
Pagano, Robert
Rinzivillo, Joseph
Scott, Robert
Thomas, Ronald
Tully, Gerard



Appendix A
Roster III

RO

Bernard, Robert
Coulehan, Vincent
Gorges, Charles
Mahoney, Borden
Mignotte, Stephen
Mooney, James
Roberts, Lawrence
Ruzicka, Richard
Sinacori, Paul
Smutny, Frederick
Summers, Jon



JUN 7 1985

Appendix A
Roster III

Security

Apostelico, James
Bain, Harry
Bruculeri, Angelo
Bullock, Clifton
Caslin, Stephen
Coleman, Michael
Cooper, Jeffrey
Corbett, James
Croushore, Harry
Dellocono, Allan
Diamond, Kenneth
Dorien, Janet
Dunning, Edward
Eberhardt, Elmer
Fleitz, James
Fleitz, Sheila
Gallagher, Richard
Gambichler, Joseph
Gilmartin, Thomas
Godbee, Mack
Golden, Roger
Goldrick, Robert
Gooding, Robert Jr.
Griffin, Wayne
Hahn, John
Hallop, Kathleen
Heady, William
Hojnacki, Edward
Hojnacki, Stanley
Horwath, George
Hughley, Freeman
Hunt, David
Jacobs, Steven
Jones, Ralph
Kelly, William
Klein, Albert
Komer, Joseph
Krysty, Kevin
Lafitte, Richard
Lahey, Dennis
Lane, Betty
Langley, Robert
Lent, Charles
Leonard, Michael
Malaspina, L.J.
Matthews, James
McGuire, Jeffrey
Middaugh, Michael

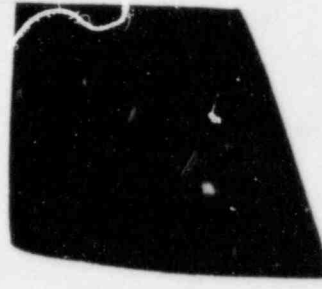
Appendix A
Roster III

Mosher, James
Mule, Charles
Nichols, Miles
O'Connor, Paul
O'Hara, Peter, Sr.
Peterson, Paul
Pettit, Thomas
Plattie, Louis, Jr.
Pomarico, Donald
Reyes, Rebecca
Rose, Reginald
Rutigliano, John
Ryerson, Robert
Seaboldt, Henrietta
Shanley, Michael
Simon, William
Slater, Peter
Smith, Deborah
Somma, Louis
Stahl, James
Stickles, Glenn
Tasadfoy, Robert
Teets, Kathleen
Toth, Steven
Umpenhour, John
Venditti, Anthony
Watson, James
Wood, David
Zodl, Robert

Appendix A
Roster III

SRO

Embry, Charles
Parks, Richard
Patrucco, Edward
Robinson, Wayne
Sorrell, William
Thomas, Robert



JUN 7 1985

Appendix A
Roster III

SS

Armando, Ed
Hansler, Bob
Holdam, Jim
Mackay, Charlie
Mackay, Henry
O'Donnell, Eugene
Sporbert, Dick
Vangor, Brian
Vinchkoski, Don




Tech. Services

Anderson, John
Atanasov, Vasil
Bolton, Eugene
Bordenaro, Salvatore
Bubniak, Jaroslav
Burroni, Rich
Calabrese, Donald
Cao, Ramiro
Catano, John
Celentano, Dennis
Dahl, George
DeAntonio, Nicholas
Dinelli, Michael
Donnelly, John
Froebrich, Alfred
Garofalo, Mel
Gullick, Jerry
Gumble, Floyd
Haaland, Ole
Hay, Elizabeth
Kelly, Larry
Moran, Timothy
Morrisey, Michael
Munoz, Steve
Nikolatos, George
Orlando, Thomas
Piteo, Joseph
Ramjohn, Collins
Reiniger, Carl
Rizzatti, Rich
Roy, Josephine
Rudnicki, Edward
Ruzi, Consuelo (Connie)
Scalone, Raymond
Smith, Steve
Smythe, Ureena
Tesoriero, Michael
Torchia, Joe

Appendix A
Roster III

Training

Ames, Douglas
Bridges, Steven
Diamond, Ed
Gander, Tom
Hall, Andree
Hansen, Ronald
King, Gregory
Lambert, Charles
McCabe, William
McGuinness, Sheila
Miller, John
Mozzor, Matty
Ray, Brian
Sautter, George
Sherman, Marianna
Smith, Gregg
Smith, Stephen
Tansky, Dick
Tully, Patrick




JUN 7 1985

Appendix A
Roster III

Warehouse

Bell, Richard
Dembeck, Raymond
DiCioccio, Dave
Gizzi, Samuel
Gullotti, Frank
Kadin, Robert
LaBounty, Diane
Maher, Marie
McLaughlin, Martin
Norton, Paul
Pagliaro, Vincent
Tiberi, Louie
VanSickle, Richard



JUN 7 1985

BEEPER HOLDERSBeeper HoldersPager No.

Albright, Marty.....
 Brons, Jack.....
 Carano, Bill.....
 Deschamps, Bob.....
 Dube, Joe.....
 Gillen, Jim.....
 Hahn, John.....
 Hamlin, Bill.....
 Heady, Bill.....
 *Josiger, Bill.....
 Lomonaco, Linda.....
 Munoz, Steve.....
 Perrotta, Joe.....
 Russell, Joe.....
 Russell, Pat.....
 Quinn, Dennis.....
 Tagliamonte, Ed.....
 Vignola, Joe.....
 Wollak, Janet.....

Tech. Services Engineer (Mechanical).....
 Tech. Services Engineer (Electrical).....
 Tech. Services Engineer (Performance).....

* Nuclear Generation Duty Officer.....

* When calling this number, the ring will be followed by a series of beep tones. When the beep tones stop, hang up. This pager are beep only, therefore they will call IP-3 Security for their message.

data page SERVICE

How to send a message to:

Note: You must use a touch-tone phone or adapter.

1. Dial my Data Page No.:

2. Wait until you hear three beep tones -
beep - beep - beep.

3. Enter the telephone number where you wish to be called.
(You can enter up to 24 digits.)

4. Press the number sign button (#).

5. Hang up.

NOTE: With this type of paging, the individual will see the # you entered on his pager, and will know where to call back.

MAY 10 1985

If using a rotary phone call security [redacted], and they will page from the plant touch tone system. If "air busy" call security to have then call [redacted] and page manually. Only a beep will occur, no digital message, therefore pagee should call security back for their message.

BEEPER HOLDERSBeeper HoldersPager No.

Albright, Marty.....
 Brons, Jack.....
 Carano, Bill.....
 Deschamps, Bob.....
 Dube, Joe.....
 Gillen, Jim.....
 Hahn, John.....
 Hamlin, Bill.....
 Heady, Bill.....
 *Josiger, Bill.....
 Lomonaco, Linda.....
 Munoz, Steve.....
 Perrotta, Joe.....
 Russell, Joe.....
 Russell, Pat.....
 Quinn, Dennis.....
 Tagliamonte, Ed.....
 Vignola, Joe.....
 Wollak, Janet.....

Tech. Services Engineer (Mechanical).....
 Tech. Services Engineer (Electrical).....
 Tech. Services Engineer (Performance).....

* Nuclear Generation Duty Officer.....

* When calling this number, the ring will be followed by a series of beep tones. When the beep tones stop, hang up. This pager are beep only, therefore they will call IP-3 Security for their message.

***data page* SERVICE**

How to send a message to:

Note: You must use a touch-tone phone or adapter.

1. Dial my Data Page No.:

2. Wait until you hear three beep tones -
 beep - beep - beep.

3. Enter the telephone number where you wish to be called.
 (You can enter up to 24 digits.)

4. Press the number sign button (#).

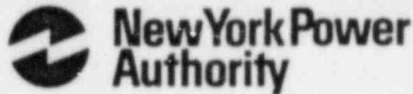
5. Hang up.

NOTE: With this type of paging, the individual will see the # you entered on his pager, and will know where to call back.

JUN 11 1985

If using a rotary phone call security [redacted] and they will page from the plant touch tone system. If "air busy" call security to have then call [redacted] and page manually. Only a beep will occur, no digital message, therefore pagee should call security back for their message.

Indian Point 3
Nuclear Power Plant
P.O. Box 215
Buchanan, New York 10511
914 739.8200



TO: *NRC Document Control Desk* *Wash. D.C.*
CONTROL COPY NO.: *N/A*
FROM: TERRY RYAN
DATE: 6/7/85
SUBJECT: INDIAN POINT NO. 3 NUCLEAR POWER PLANT EMERGENCY PROCEDURES DOCUMENTS

The enclosed sheets are the revised pages to your Emergency Plan/Procedures Document (assigned controlled copy). Please discard the old sheets, insert the attached sheets, sign and date this routing sheet and return it to Documents Control; Attention: Terry Ryan

In addition, please review the section revision numbers shown on the new index attached to ensure that you have the most recent of each section incorporated into your control copy.

PAGES & PROCEDURES TO BE REMOVED

PAGES & PROCEDURES TO BE INSERTED

SECTION	REV.	PAGES	ATTACHMENTS	SECTION	REV.	PAGES	ATTACHMENTS
EP Proc. Table of Contents	ii,	iii		EP Proc. Table of Contents	ii,	iii	
Book II	11	A-3, A-5 thru A-13		Book II	12	A-3, A-5 thru A-13	

Procedures

EP Proc. Index	32	1&2	EP Proc. Index	33	1&2
IP-1030	11	1 thru 13	IP-1030	12	1 thru 15
IP-1070	11	1 thru 3, 1 thru 13	IP-1052	0	1 thru 16
IP-1076	6	Attach. 3	IP-1070	12	1 thru 16
Appendix A Roster I	1		IP-1076	6	Attach. 3
Appendix A Roster III	3 thru 28		Appendix A Roster I	1	
Appendix C	12		Appendix A Roster III	3 thru 28	
			Appendix C	12	

EMERGENCY PLAN PROCEDURES TABLE OF CONTENTS

Procedure

Procedure Title

Dose Assessment

IP-1001	Determination of Magnitude of Release
IP-1003	Obtaining Meteorological Data
IP-1004	Midas Computer System-Dose Assessment Models
IP-1005	Planned Disch. of Cont. Atmos. During Accident Conditions

Environmental Monitoring

IP-1010	In-Plant/Site Perimeter Surveys
IP-1011	Offsite Monitoring
IP-1015	Post Accident Environmental Sampling and Counting

Protective Actions

IP-1017	Rec. Protective Actions for Offsite Population
IP-1019	Emergency Use of Potassium Iodide

Personnel Injury

IP-1021	Radiological Medical Emergency
IP-1023	Use and Set-up of Unit 3 Personnel Decon Suite

Damage Assessment

IP-1025	Repair and Corrective Action Teams
IP-1027	Emergency Personnel Exposure
IP-1028	Core Damage Assessment

Notification and Communication

IP-1030	Control Room Emergency Notif., Communication & Staffing
IP-1031	Procedure for EOF Emergency Notification & Communications
IP-1038	Use of the Emergency Communications Systems

Emergency Operation Facilities

IP-1040	Habitability of the Emergency Facilities
IP-1041	Personnel Monitoring of EOF, TSC and OSC Personnel
IP-1045	Technical Support Center
IP-1047	Operations Support Center

Accountability and Evacuation

IP-1050	Accountability
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EMERGENCY PLAN PROCEDURES TABLE OF CONTENTS

Procedure

Procedure Title

Non-Radiological Emergencies

IP-1052 Hazardous Waste Emergency

Accountability and Evacuation

IP-1053 Evacuation of Site

IP-1054 Search and Rescue Teams

Non-Radiological Emergencies

IP-1055 Fire Emergency

IP-1056 Directing Fire Fighting Personnel in Controlled Areas

IP-1057 Tornado (Hurricane) Emergency

IP-1058 Earthquake Emergency

IP-1059 Air Raid Alert

HP Release Surveys and Decontamination

IP-1060 Personnel Radiological Check and Decontamination

IP-1063 Vehicle/Equipment Radiological Check and Decontamination

Emergency Equipment and Maintenance

IP-1070 Periodic Check of Emergency Preparedness Equipment

IP-1076 Beepers

Exercises and Drills

IP-1080 Conduct of Emergency Exercises and Drills



**New York Power
Authority**

TITLE " EMERGENCY NOTIFICATION, COMMUNICATION & STAFFING

ORIGINAL

EFFECTIVE DATE: 1/5/29/85

IP-1030
Procedure for Control Room:
EMERGENCY NOTIFICATION, COMMUNICATION AND STAFFING

1.0 INTENT

To describe the process for the notification and associated communications required when any one of the four Emergency classes is declared, as well as the methods which will mobilize the IP-3 Emergency Response Organization.

2.0 DISCUSSION

After the declaration of an Emergency (Unusual Event, Alert, Site Area or General), the Shift Supervisor (Emergency Director) will initiate and insure this procedure is implemented until he is relieved from the responsibility of Emergency Director. NYPA and NRC notifications should be made simultaneously followed by notification of offsite agencies within 15 minutes of the declaration of an emergency classification.

Persons who must (may) be notified of an Emergency Condition include:

<u>NYPA</u> (Roster I)	<u>NRC</u>	<u>OFFSITE</u>
Resident Manager	Resident Inspector	Con Edison
Supt. of Power	Headquarters	Westchester County
Operations Supt.		City of Peekskill
Information Officer		Rockland County
Nuclear Generation Duty Officer		Orange County
		Putnam County
		NYS Dept. of Health
		*Con Rail Corporation
		**ANI & INPO
		**INPO

*Only notified under the appropriate circumstances as per procedure.

**American Nuclear Insurers (ANI) and Institute of Nuclear Power Operations (INPO) must be notified at the Alert classification and above. Upon activation, the Recovery Center (RC) will assume the responsibility for updating ANI and INPO.

NYPA maintains staffing levels consistent with NRC requirements, i.e.:

Onshift Staffing - supplied by the Watch Organization with additional personnel available through the Con Ed Sr. Watch Supervisor.

Minimum Staffing - designated individuals who are available within 60 minutes from time of notification (Roster II, Appendix A).

Additional Staffing - available as needed, requested by Shift Supervisor or Emergency Director (Roster III, Appendix A).

3.0 POM RESPONSIBILITIES

- ASSIGN:
 - Shift Supervisor
 - TSC Manager
 - OSC Manager
 - CR Communicator:

1 direct line (TSC-OSC-EOF-CR-RC) Direct as to their
 1 other as needed responsibilities

CR Communicator may be the second RC if
 circumstances permit.

- MAKE RECOMMENDATIONS:
 - Technical/Engineering
 - Repair
 - Corrective Action
 - Recovery Center (RC) to Investigate
 - Procurement-guidance for RC through E.D.
- Assure you are appraised of repair team status and team de-brief information. (This should come from the OSC via direct line communicator. If not, request it).
- Consider KI needs for emergency workers.
- Check plant status against EAL's. E.D. should notify you directly when emergency classification changes.
- Assure CR Communicator gives Plant updates every 30 mins. on PA System.
- Has EOF taken over 30-minute interval calls to NRC? If not, assure the CR Communicator calls.
- Insure plant status log, (equipment) EP-Form #31c, is filled out and telecopied to EOF & TSC approximately every 30 minutes or as status changes.
- Do you know what offsite agencies are doing? Ask E.D.

4.0 SHIFT SUPERVISOR/SRO RESPONSIBILITIES

- CLASSIFY: - Determine Emergency Classification.
- If NUE, fill out EP-Form #30a then go directly to
Emerg. Plan Notifications (Section 5.0).
- ASSIGN: - Designate a Control Room Communicator (initially 2nd RO in
CR as circumstances permit).
- STAFF: - Determine which onsite support centers should be activated:

AT THE ALERT CLASSIFICATION:

- a. Normal hours - ensure PA announcements are made:
- "All Technical Support Center personnel report to the
 TSC."
 "All Operations Support Center personnel report to the
 OSC."
 "Shift Technical Advisor report to the Control Room."
 "All other personnel remain at your work locations and
 await further instructions."
- b. Off hours - instruct Security to call in Roster II
 individuals.

AT THE SAE OR GE CLASSIFICATION:

- a. - Notify Con Ed Unit #2 before sounding alarm.
- Sound the Site Assembly Alarm to initiate Site
 Accountability and activate all onsite Emergency
 Facilities.
- b. Normal hours - ensure PA announcement is made:
- "A (state Emerg. Classification) Emergency has been
 declared. All non-watch personnel report to your
 Assembly Area. Contingency workers and spare operations
 personnel report to the Control Room."
- c. Off hours - Instruct Security to call in Roster II
 individuals.

- DATA: - Assist Control Room Communicator in completing NYS Radiolo-
 gical Emergency Data Form (EP-Form #30a).
- Initiate dose projection calculations as necessary
 (IP-1001).

4.0 (Cont'd)

FORMS: - Complete and telecopy EP-Form #31c (Plant Status Log - Equipment) to the EOF and TSC (when activated) approximately every 30 minutes or as status changes.

ACCOUNTABILITY:- Assure accountability list is made.

DISPATCH: - Dispatch on and offsite monitoring teams as necessary.
(IP-1010, onsite teams, direct H.P.'s to appropriate Site Boundary sectors.)
(IP-1011, offsite teams, call Con Ed CR to activate teams.)

- Dispatch Repair and Corrective Action teams (IP-1025) or Search and Rescue teams as necessary (IP-1054).
(If S&R team, update LAO on status.)

TURN OVER
TO EOF:

- When EOF is staffed:
 - a. Turn over E.D. responsibilities to EOF.
 - b. Assume E.D. responsibilities if EOF is moved to AEOF.

CONTINUING
THROUGHOUT:

- Assure PA announcements are made every $\frac{1}{2}$ hour to keep site personnel advised of emergency status.
- Plant Status Log - EP-Form #31c is sent to EOF & TSC.

5.0 CONTROL ROOM COMMUNICATOR RESPONSIBILITIES

FORMS: - *Complete NYS Radiological Emergency Data Form (EP-Form #30a) with Shift Supervisor.

NOTIFICATIONS: - *Provide information from Data Form to Roster I individuals:

a. Normal hours via Resident Manager's Secretary (0800-1630).

b. Off hours via Security.

- *Notify the following individuals and organizations:

a. Con Ed Unit #2 - request additional personnel as needed (including offsite monitoring teams).

b. New York State, Counties, Peekskill

c. NRC Resident Inspector

d. NRC Headquarters

e. American Nuclear Insurers (ANI) and INPO at Alert and above.

f. Con Rail Corporation if affected.

- Update all groups listed above every 30 minutes or sooner if there are significant changes or any change in emergency classification.

- Instruct IP-3 Security to restrict access to the site at SAE and GE.

STAFFING VIA
SECURITY:

- Have Security use Roster II to call in needed personnel during off hours.

TURN OVER
TO EOF:

- When EOF is staffed:

a. Transfer offsite communication to EOF Communicator.
- indicate last message # used on Data Form (#30a).

b. Transfer direction of site perimeter and offsite monitoring teams to Radiological Communicator in EOF.

c. Remain on direct line (CR, TSC, OSC, EOF, RC) and maintain flow of information between facilities.

d. Assume communications responsibilities if EOF is moved to AEOF.

5.0 (Cont'd)

CONTINUING
THROUGHOUT:

- Make PA announcements every $\frac{1}{2}$ hr. to keep site personnel advised.
- Remain on direct line phone in constant contact with TSC, EOF, OSC (Con Ed Radio frequency 1 as phone backup).

* This indicates the only emergency planning actions for the NUE classification.

6.0 SECURITY RESPONSIBILITIES

FORMS:

- Have Available:
 - EP-Form #30a (NYS Radiological Emergency Data Form)
 - Roster I (fill in with info. from EP-Form #30a)
 - Roster II

RECEIVE:

- Instructions from Shift Supervisor or Control Room Communicator.
- Information on EP-Form #30a.

NOTIFICATIONS:

- Notify all individuals on Roster I of emergency conditions.
- Notify CR when Roster I notifications are complete & who was or was not contacted.

CALL-IN:

When instructed by Shift Supervisor or Control Room Communicator:

- Call in all individuals on Roster II for Alert, Site & General Emergency. (Notify Control Room when Roster II notifications are complete.)

SECURITY:

- Restrict access to and egress from the Site.
- Escort emergency vehicles to needed location.
- Provide guards to maintain security and access control at the EOF and Joint News Center.

DOSIMETRY:

- Distribute dosimetry to Security personnel.

ACCOUNTABILITY:

- Normal hours:
 - Account for Security personnel.
 - Call in to LAO names of site visitors.
- Off hours:
 - Call 15' elevation Machine Shop for personnel list.
 - Call CR.
 - Call Control Point for personnel who may not have signed out.

7.0 ATTACHMENTS

7.1 New York State Radiological Emergency Data Forms.

7.1a EP-Form #30a - Emergency Notification Fact Sheet Part I -
General Information

7.1b EP-Form #30b - Emergency Notification Fact Sheet Part II -
Radiological Assessment Data

7.1c EP-Form #30c - Emergency Notification Fact Sheet Part III -
IP-3 Plant Parameter Data

7.2 Roster I

7.3 EP-Form #2 - Unusual Event, Alert Emergency (CR Flowchart)

7.4 EP Form #3 - Site Area, General Emergency (CR Flowchart)

7.5 Offsite Notification and Communication Procedure Telephone Numbers

EMERGENCY NOTIFICATION FACT SHEET

IP-1030

Attachment 7.1a

EP-Form #30a

PART I - GENERAL INFORMATION

THIS REFERENCE IS FOR EP-3 USE ONLY

1. (a) Notification # A

1. Message transmitted:

 /
Date Time (24 hr. clock)

2. Facility providing information:

- ☐ A Indian Point No. 2
☐ B Indian Point No. 3

3. Reported By:

Name Title

4. This...

- ☐ A is an exercise
☐ B is NOT an exercise

5. Emergency Classification

- ☐ A Unusual Event
☐ B Alert
☐ C Site Area Emergency
☐ D General Emergency
☐ E Transportation Incident
☐ F Other

6. This classification declared at:

Date Time

7. Brief Event Description/Initiating Condition:

8. As of hours there has:

- ☐ A NOT been a release of radioactivity
☐ B been a release of radioactivity to the ATMOSPHERE
☐ C been a release of radioactivity to a BODY OF WATER
☐ D been a GROUND SPILL release of radioactivity

<u> </u> West.	<u> </u> NY State
<u> </u> Rock.	<u> </u> Peekskill
<u> </u> Putnam	<u> </u> Con Ed
<u> </u> Orange	<u> </u> Con Rail
<u> </u> NRC	<u> </u> ANI
	<u> </u> INPO
<u> </u> Nuc Gen Duty Ofcr.	

9. The release is:

- ☐ A continuing.
☐ B terminated.
☐ C intermittent.
☐ D NOT applicable.

10. Protective Actions:

- ☐ A There is NO need for Protective Actions outside the site boundary.
☐ B Protective Actions are under consideration.

☐ C Recommended Protective Actions

ERPA for SHELTERING 1 2 3 4
5 6 7 8 9 10 11 12 13 14 15
16 17 18 19 20 21 22 23 24
25 26 27 28 29 30 31 32 33
34 35 36 37 38 39 40 41 42
43 44 45 46

ERPA for EVACUATION 1 2 3 4
5 6 7 8 9 10 11 12 13 14 15
16 17 18 19 20 21 22 23 24
25 26 27 28 29 30 31 32 33
34 35 36 37 38 39 40 41 42
43 44 45 46

11. Weather

- ☐ A Wind speed miles per hour
or meters per second.
☐ B Direction (from) degrees.
☐ C Stability class
(A-G/or stable, unstable, neutral)
☐ D General Weather Condition
(if applicable)

EMERGENCY NOTIFICATION FACT SHEET
PART II - RADIOLOGICAL ASSESSMENT DATA

Date: _____

Time: _____

12. Prognosis for Worsening or Termination of the Emergency: _____

_____13. In Plant Emergency Response Actions Underway: _____

_____14. Utility Off-Site Emergency Response Action Underway: _____

_____15. Release InformationActualProjected☐ A ATMOSPHERIC RELEASE

Date and Time Release Started _____

Duration of Release _____ hrs

Noble Gas Release Rate _____ Ci/sec

Radioiodine Release Rate _____ Ci/sec

Elevated or Ground Release _____

Implant Monitors _____

☐ B WATERBORNE RELEASE

Date and Time Release Started _____

Duration of Release _____ hrs

Volume of Release _____ gal

Radioactivity Concentration (gross) _____ uCi/ml

Total Radioactivity Released _____ Ci

Radionuclides in Release _____ uCi/ml

Basis for release data e.g. effluent monitors, grab sample, composite sample and sample location: _____

16. Dose and Measurements and ProjectionsActualProjected☐ A SITE BOUNDARY

Whole Body Dose Rate _____ mR/hr

Whole Body Commitment (for
duration above) _____ RemThyroid Dose Commitment (1 hour
exposure) _____ mRem

Thyroid Dose (total commitment) _____ Rem

☐ B PROJECTED OFFSITE2 Miles5 Miles10 Miles

Whole Body Dose Rate (mR/hr) _____

Whole Body Dose (Rem) _____

Thyroid Dose Commitment (1 hr
exposure - mRem) _____

Thyroid Dose (Total Commitment-Rem) _____

17. Protective Action Recommendations and the Basis for the Recommendations: _____

PART III - IP-3 PLANT PARAMETER DATA

Date: _____

Time: _____

MAJOR PARAMETERS

18. RCS temperature _____ (°F)
19. RCS press. _____ (psig)
20. # RCP's in Service _____ (0-4)
21. Pressurizer Level _____ (%)
22. S/G Levels #31 _____ % #32 _____ %
#33 _____ % #34 _____ %
23. Containment Press. _____ (psig)
24. CST Level _____ (Ft.)
25. Containment Temp. _____ (°F)
26. V.C. Sump Level _____ (Ft.)
27. RWST Level _____ (Ft.)
28. Reactor Shutdown _____ (Y/N)
29. Natural/Forced Circulation _____
30. RCS Subcooled/Saturated _____
psig Subcooled _____

RADIOLOGICAL MONITORS

Area Monitors:

31. R-2 Containment _____ mR/hr
32. R-7 Containment _____ mR/hr
33. R-10 Accident Monitor _____ R/hr

Plant Vent:

34. R-13 (particulate) _____ CPM
35. R-14 (gaseous) _____ CPM
36. R-27 (gaseous) _____ uCi/Sec
37. Containment High Range Monitor
(R-25/R-26) _____ R/hr
38. PLANT VENT FLOW RATE: _____ CFM
39. Offsite/Onsite Power Available

40. Emergency Diesel Generators

Check Status	31	32	33
Load/Running	—	—	—
Unloaded/Standby	—	—	—
Out of Service	—	—	—

MODES OF SAFETY INJECTION

(circle modes in use)

41. Passive Injection - Accumulators
42. High Head Injection
43. Low Head Injection

MODES OF CIRCULATION

(circle modes in use)

44. Low Head Recirculation - Recirc Pump
- RHR Pumps
45. High Head Recirculation -
- Recirc Pumps to S.I. Pumps
- RHR Pumps to S.I. Pumps
46. Hot Leg Recirculation - Recirc Pumps
- RHR Pumps

STATUS OF ENGINEERED SAFEGUARDS EQUIPMENT

(circle those in use)

47. Aux. Feed Pumps 31 32 33
48. Containment Fan Cooler Units
31 32 33 34 35
49. VC Phase A Isolation Complete
YES / NO
50. VC Phase B Isolation Complete
YES / NO
51. CR Isolation Complete
YES / NO
52. Containment Spray
VC Spray Pumps
Recirculation Mode

ADDITIONAL MONITORS OF IMPORTANCE

ROSTER I
NYPA NOTIFICATION TELEPHONE NUMBERS
(For use by Resident Manager's Secretary and Security)

The personnel listed below must be called and given the details of the emergency. Notification of these individuals is mandatory. The information provided to these individuals must include:

1. Callers Name & Title _____
2. The emergency classification _____
3. The time it was declared _____
4. A brief description of the conditions _____
5. Any other information they may request _____

	<u>Work Ext.</u>	<u>Home #</u>	<u>Pager #</u>	<u>Time Contacted</u>
1. Resident Manager, W. Josiger				
2. Supt. of Power, J. Russell				
3. Supt. of Operations, E. Tagliamonte				
4. Information Officer, J. Wollak				
Alternate, C. Spieler				
5. Recovery Manager, via dedicated Hot Line**				
(green phone in Resident Mangers Office or Control Room)				
Alt.: Sal Zulla				
Alt.: Nuc. Gen. Duty Officer				

* When calling these numbers, the ring will be followed by a series of beep tones. When the beep tones stop, hang up. NOTE: These pagers are beep only, therefore they will call IP-3 Security for their message.

** If Security is calling use the alternate rather than the direct line.

NOTE: Be sure to notify the Shift Supervisor/Emergency Director when the above individuals have been notified or if they cannot be contacted.

Time _____

To page the above IP-3 individuals use these instructions:

NOTE: With this type of paging, the individual will see the # you entered on his pager, and thus will know who to call.

***data page* SERVICE**

How to send a message to:

Note: You must use a touch tone phone or adapter.

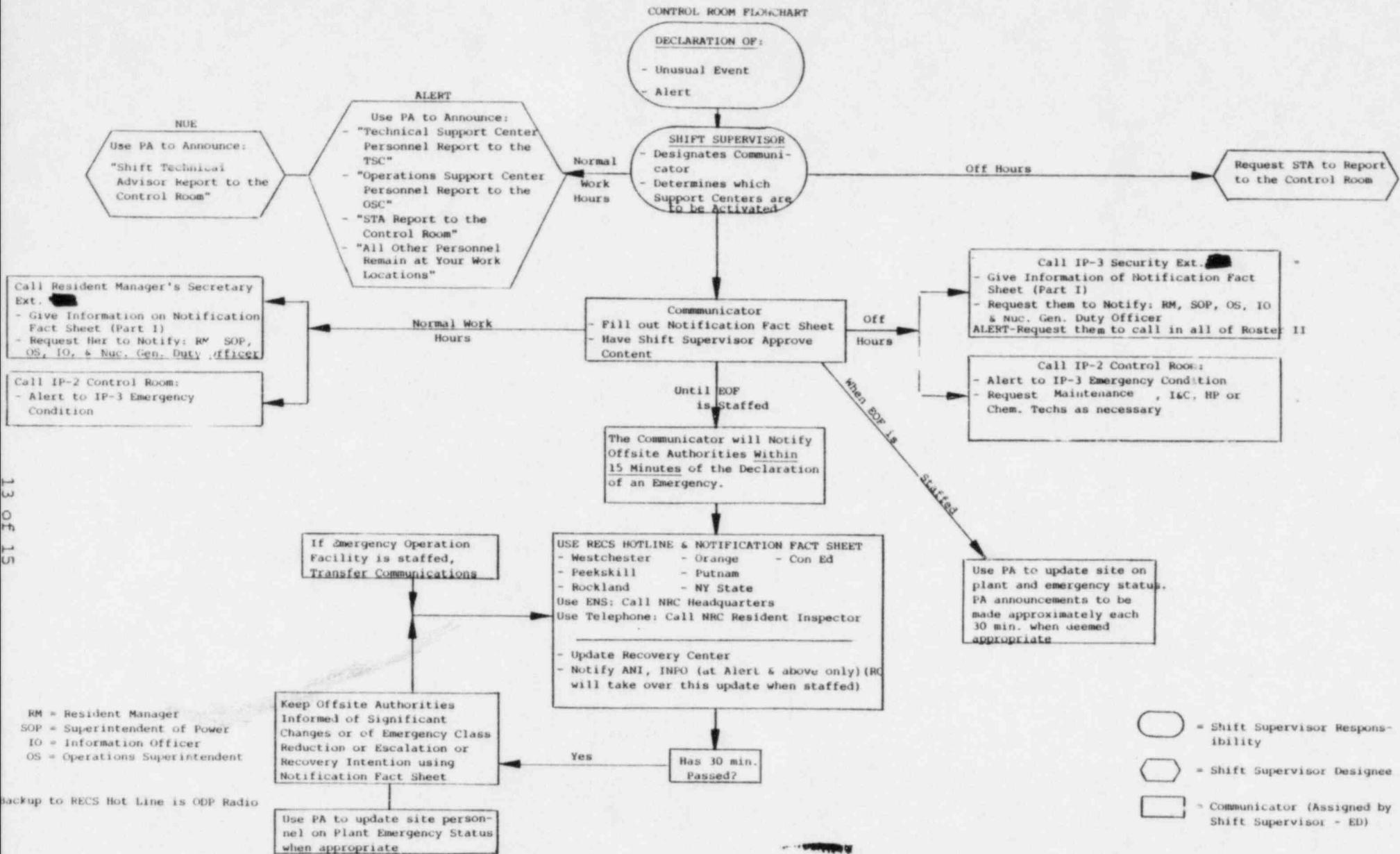
1. Dial my Data Page No.
2. Wait until you hear three beep tones
beep beep beep
3. Enter the telephone number where you wish to be called (You can enter up to 24 digits)
4. Press the number sign button (#)
5. Hang up

MAY 9 1985

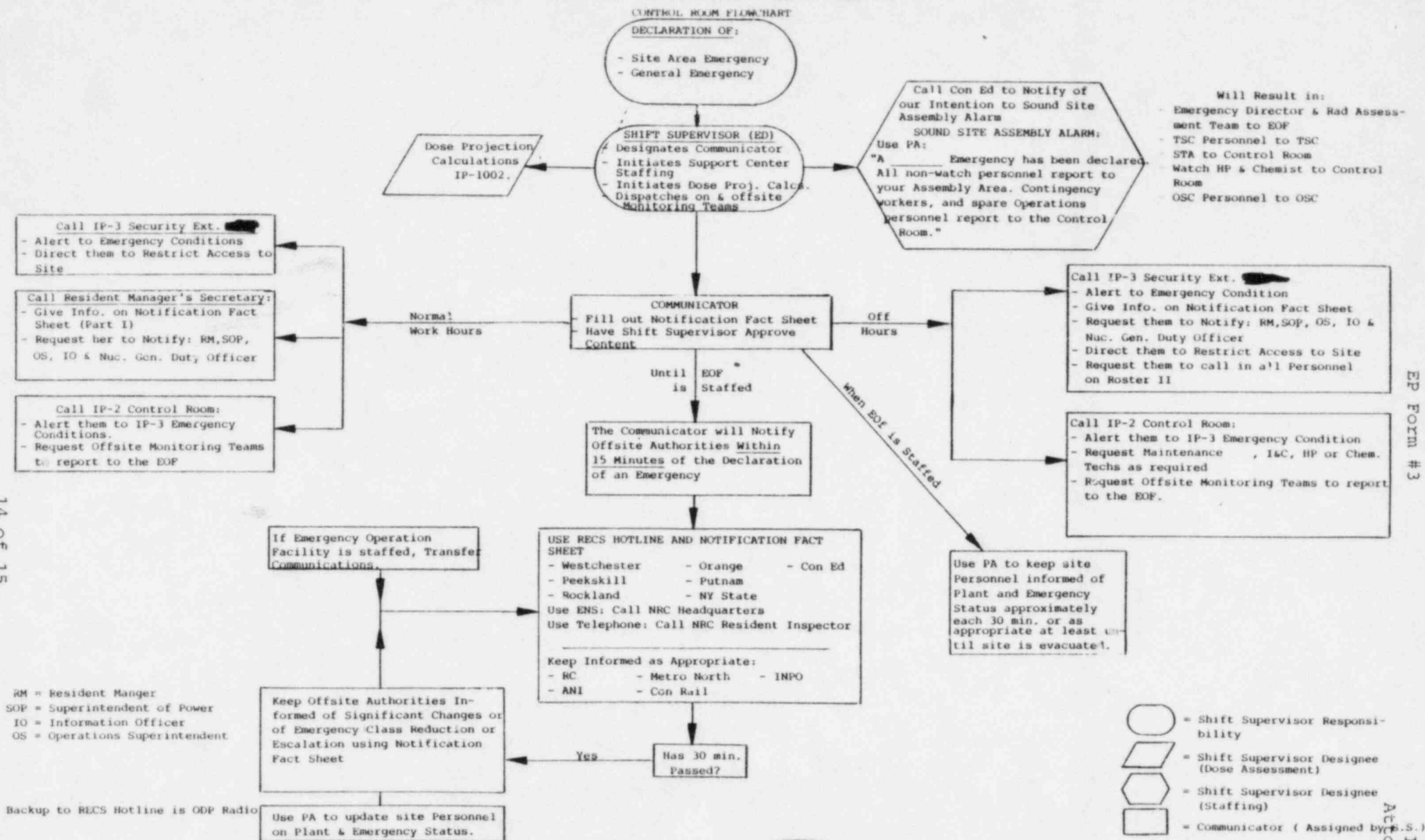
- If the "air busy" call _____ to have individuals paged manually (only a beep no digital message, therefore pagee should call security back for a message).

UNUSUAL EVENT, ALERT EMERGENCY

CONTROL ROOM FLOWCHART



NOTIFICATION - COMMUNICATION - STAFFING SITE AREA, GENERAL EMERGENCY



OFFSITE NOTIFICATION & COMMUNICATION PROCEDURE TELEPHONE NUMBERS

Work Ext.

Home Phone

USNRC Inspector, P. Koltay
Alternate: L. Rossbach

American Nuclear Insurers (ANI)

Institute of Nuclear Power Operations (INPO)

Westside of River:

Consolidated Rail Corp.:
(Chief Train Dispatcher)

Eastside of River:

Metro North Commuter Railroad:
(Chief Train Dispatcher)

US Coast Guard (Operations Duty Officer)

IF THE RECS LINE, RADIO AND NAWAS ARE NOT WORKING, CALL-

Westchester County Warning Point

Putnam County Warning Point

Rockland County Warning Point

Orange County Warning Point

City of Peekskill Police Commissioner

N.Y. State Warning Point

If all communication lines are down, radio the State Police by means of the Security Plectron device. Request the State Police to contact the State Police in Albany and make contact with Westchester, Rockland, Orange & Putnam Counties & the City of Peekskill.

IF THE NRC DIRECT LINE IS NOT OPERATIONAL, CALL-

1. NRC Operations Center (via Bethesda Central Office)
2. NRC Operations Center (via Silver Spring Central Office)
3. NRC Operations Center (via Bethesda Central Office)
4. Health Physics Network Line (to NRC Operations Center)

MAR 19 1985

Indian Point 3
Nuclear Power Plant
P.O. Box 215
Buchanan, New York 10511
914 739.8200



EMERGENCY PLAN PROCEDURES

PROCEDURE NO. IP- 1052 REV. 0

TITLE " Hazardous Waste Emergency "

WRITTEN BY: *W. H. Morgan*

REVIEWED BY: *D. Quinn*

FORC REVIEW: *W. H. Morgan* DATE *5/21/85*

APPROVED BY: *W. H. Morgan* DATE *5/24/85*

EFFECTIVE DATE: *5/29/85*

IP 1052 - HAZARDOUS WASTE EMERGENCY

1.0 INTENT AND DISCUSSION

This procedure specifies the actions which should be followed in the event of a hazardous waste emergency at or near the Indian Point site. This procedure will minimize hazards to human health and environment from fires, explosions, and/or any unplanned releases of hazardous waste or materials (i.e. PCB's).

If conditions necessitate site evacuation or have offsite consequences the Emergency Plan provisions should be considered.

The Emergency Plan includes initiating conditions for man-made hazards in Table 4-1, Initiating Conditions. Although most incidents involving hazardous wastes would not necessitate activation of the plan, there may be certain instances where conditions could activate the Emergency Plan. (e.g. fire involving hazardous wastes with a potential for offsite consequences)

2.0 REFERENCES

- 2.1 NYDEC Environmental Regulations:
6NYCRR Part 360.8 (c) (2) and (3)
- 2.2 AP-27.3 : IP-3 Site Fire Protection
- 2.3 IP-1055 : Fire Emergency
- 2.4 IP-1003 : Obtaining Meteorological Data
- 2.5 IP-1053 : Evacuation of the Site
- 2.6 IP-1030 : Control Room Emergency Notifications,
Communication & Staffing

3.0 INCIDENT RESPONSE

The provisions of this procedure must be immediately carried out if a situation occurs which could threaten human health or the environment.

Immediately upon discovery of a hazardous waste fire, explosion, or any unplanned release of hazardous waste, hazardous waste constituents, or PCBs to air, soil, surface or groundwaters, the employee(s) discovering the incident should assess the situation to determine if the release can be controlled or contained without risk of endangerment. If the employee has been trained and it can be done so safely, the employee should proceed to the extent possible, to prevent spreading of liquids or to stop the source of the release. There are Spill Containment Kits available outside

the Fire Brigade Room and in the Warehouse as Stock No. 7411006. These kits contain protective clothing organic vapor respirators and absorption media - instructions for spill containment are on each drum. (See also Table 1 of Attachment 7.1). In those instances where personnel safety is in danger, leave the area and immediately notify the Control Room.

If the employee knows or suspects that the released material contains PCBs and the material is burning or smoldering, he/she should immediately depart the area and remain upwind of the site at all times. If the material is not burning or smoldering, the employee should not allow him/herself to come into contact with the released material unless wearing protective clothing. Guidelines for containment and control of PCB spills and for appropriate protective clothing to be worn are contained in Attachment 7.1.

3.1 PLANT NOTIFICATION

As soon as possible after discovery of the incident and initial response actions, call the Control Room. The Shift Supervisor or designee will obtain and log the following information.

- Identity of caller
- Character - nature or type of incident;
- Source - container and/or structure location (See Attachment 7.2 for hazardous waste storage locations.)
- Amount and area covered (e.g., 5' circle?) of any released substance(s); and
- Risk of, or actual personal injury

The IP-3 EP and associated notifications are applicable when the situation meets the Initiating Conditions of the Emergency Plan. The Shift Supervisor is initially the Emergency Director. (see Table 5-2 of Procedure no. IP-Book II - Organization.)

3.2 CONTROL AND CONTAINMENT

The Shift Supervisor or designee will attempt to mitigate the effects of an incident by activating the IP3 Fire Brigade. If necessary he can arrange for additional emergency personnel/equipment from the list of emergency services companies in Appendix C. Concurrent with the following actions, notifications are to be made as per section 4.0.

3.2.1 FIRE OR EXPLOSION

In the event of a fire or explosion the Fire Emergency Procedure (IP-1055) and the Site Fire Protection Plan would be activated. In addition fire fighting guidance should be provided to the fire brigade as described in the EMERGENCY RESPONSE GUIDEBOOK¹. If PCB's are involved (i.e., Substation C Transformer), ensure that fire fighting personnel are equipped with protective clothing and SCBA's as outlined in Attachment 7.1.

¹ NOTE: Copies of the Emergency Response Guidebook are available in the Control Room and the Emergency Operations Facility. This publication provides important guidance for isolation and evacuation distances and initial emergency response actions for a wide variety of hazardous materials.

3.2.2 UNPLANNED RELEASE

In the event of an unplanned release of hazardous waste to air, ground, or water the EMERGENCY RESPONSE GUIDEBOOK¹ should be consulted for initial response actions. In the event of a PCB spill additional PCB specific response information is provided in Attachment 7.1. Emergency Personnel and Equipment are available as per Attachment 7.3. White Plains Office, Environmental Division should be consulted for technical guidance.

3.3 SITE EVACUATION

If the Emergency Plan has been activated and the Emergency Director determines that there is a significant threat to On-Site personnel and that evacuation is in order, procedure IP-1053 for Site Evacuation should be adhered to. The Emergency Director should ensure that meteorological conditions are factored into his decisions with respect to site evacuation routes - (refer to IP-1003, obtaining Meteorological Data).

4.0 NOTIFICATION

If the site Emergency Plan has been activated due to an Initiating Condition or at the discretion of the Shift Supervisor, the notifications in this section apply in addition to the notifications required in IP-1030.

If the site Emergency Plan has not been activated but there is a possibility that there was a release or a reportable quantity, use the guidance supplied in 4.1.

NOTE: An Oil Spill to the river has notifications associated with it which are specified (along with vendors who can supply clean-up services) in AP-24.1, Oil Spill Prevention and Countermeasure Plan.

4.1 RELEASE OF A REPORTABLE QUANTITY: POWER AUTHORITY NOTIFICATION

The Shift Supervisor or designee shall ensure that:

White Plains Environmental Division Staff are to be notified immediately to provide guidance for appropriate containment and control actions and to aid in determining if a reportable quantity as defined in 40CFR Part 117 has been released. If the Environmental Division can not be reached within two (2) hours he should use the table in Attachment 7.4 (from 40CFR Part 117) to determine if notification is required. If notification is required then proceed to 4.2 Outside Notification.

4.2 OUTSIDE NOTIFICATION

The following outside agencies are to be notified concurrent with response actions if the Shift Supervisor or designee determines that; 1) human health or the environment is potentially threatened outside of the Indian Point 3 site, or 2) a reportable quantity has been released.

1. New York State Department of Environmental Conservation (NYDEC) Oil and Hazardous Material Spill Notification -

2. NYDEC - Region 3 -

3. National Response Center -

Each agency should be provided with the following information:

- Name, address and telephone number of the Authority Facility;
- Date, time and type of incident;
- Name and quantity of material(s) released, and
- Extent of injuries, if any.

5.0 REQUIREMENTS FOR RESUMPTION OF NORMAL OPERATIONS

Before the resumption of normal operations within the area affected by an incident, the Resident Manager or his designee will monitor the following activities to ensure compliance with applicable state and federal regulatory requirements:

- 5.1 All emergency equipment and material utilized is cleaned and refitted for its intended use or replenished; and

The Commissioner, New York State Department of Environmental Conservation, is notified that the project is in compliance with the following requirements:

- Ensure that the treatment, storage, or disposal of recovered waste, contaminated soil or surface water, or any other material that resulted from an incident, is conducted in accordance with applicable state and federal regulatory requirements; and
- Ensure that in the affected area no waste that may be incompatible with the released material is treated, stored, or disposed of prior to the completion of cleanup procedures.

6.0 REPORTING REQUIREMENTS

The Resident Manager or his designee, will ensure that the Control Room logs the time, date and details of any incident that requires implementing the Contingency Plan. He will also submit an incident report within fifteen (15) days to the Commissioner, New York State Department of Environmental Conservation. The report must include the following:

- Name, address, and telephone number of the owner or operator (New York Corporate Office, 10 Columbus Circle, New York, NY 10019, [REDACTED])
- Name, address, and telephone number of the project, to include name of project contact person;

- Date, time, and type of incident;
- Extent of injuries, if any;
- An assessment of actual or potential hazards to human health or the environment, where this is applicable; and
- Estimated quantity and disposition of recovered material that resulted from the incident.

7.0 ATTACHMENTS

- 7.1 Containment and Control of PCB's
- 7.2 Hazardous Waste Storage Location
- 7.3 Emergency Response Services
- 7.4 Reportable Quantities

CONTAINMENT AND CONTROL OF PCB SPILLS

1.0 PCB SPILL RESPONSE

Response to a PCB or suspected PCB spill of any amount will be initiated immediately upon discovery. Actual cleanup after initial response actions must begin within 48 hours of discovery of the incident but should not be undertaken by project employees unless directed to do so by the WPO Safety and Fire Protection and/or Environmental Divisions. If uncertain as to PCB content of spilled material, a Clor-N-Oil test kit may be used to determine if more than 50 ppm PCBs are present. If the test results are not definitive, assume PCB contamination.

2.0 CONTAINMENT AND CONTROL

2.1 Isolate and secure the spill site. The affected area shall be marked with signs, barricade tape or barriers. Prevent untrained personnel, members of the public, and vehicles from entering the spill site and coming in contact with spilled material.

2.2 Insure that all personnel allowed into the secured area are provided protective clothing and respirators as follows:

Note: Only trained personnel should use respirators and other protective equipment.

2.2.1 Spill Containment Kits are available outside the Fire Brigade Room and in the Warehouse as Stock Item No. 7411006. These kits provide protective clothing and other response gear - See Table 1.

2.0 CONTAINMENT AND CONTROL (cont.)

2.2.2 Respiratory protection shall be provided and worn as follows:

- Organic vapor respirator (in Spill Containment Kit - see Attachment 1) - for cleanup of spills of heated askarel (over 130°F) outdoors or indoors if area is well - ventilated.
- Organic vapor/dust, mist and fume respirator- for welding or similar hot work that may cause vaporization of fluids.
- Self-contained breathing apparatus - for the same applications as above and for fire-fighting.
- FILTER CARTRIDGE OR AIRLINE RESPIRATORS SHALL NOT BE USED FOR FIRE-FIGHTING.

2.3 Smoking, eating, or drinking shall not be permitted within any PCB work area. Before eating, drinking, smoking or using toilet facilities, employees shall wash their faces and hands, preferably using a waterless cleaner and wipe towels. Towels shall be disposed of in approved containers.

2.4 In the event an employee's skin or clothing comes in contact with PCB, remove contaminated clothing as soon as possible and thoroughly wash the skin. Discard clothing in the appropriate PCB waste container. If there is eye contact, flush the eyes with water for at least 15 minutes, then transport the person to a hospital for medical attention.

Any employee contact with PCB should be reported to Safety & Fire Protection Division who will contact the Authority's medical consultant for recommendations on appropriate action and follow-up.

2.5 Prevent any PCB material from reaching drainage ditches, sewers, storm drains or floor drains, or any watercourse.

2.6 Prevent water from flowing into the contaminated site from sources such as street gutter runoff, nearby sprinkler systems, nearby faucets or water hose outlets, or floor gutters.

- 2.7 If commercial absorptive material such as the material in the Spill Containment Kits, pads, or pillows are utilized, they should be spread on the contaminated area and left in-place for a minimum of one (1) hour or as long as is necessary to ensure that all available PCB fluids have been absorbed.
- 2.8 Any visibly contaminated soils are to be removed to an approximate depth of six (6) inches.
- 2.9 After the spilled PCB fluids have been absorbed, the absorptive material along with any contaminated soils are to be placed in containers specified for disposal.
- 2.10 All contaminated items, to include tools, clothing, boots, and any other equipment, must be either disposed of in containers specified for disposal or thoroughly cleaned with an appropriate solvent. SOLVENTS SHALL NOT BE USED FOR PERSONAL CLEANSING.
- 2.11 All runoff associated with decontamination must be contained and properly disposed of.
- 2.12 All disposal containers are to be marked with appropriate PCB decals and hazardous waste decals.
- 2.13 Pending appropriate disposal, containers specified for disposal are to be stored in an approved storage site, or stored in a restricted area to minimize the potential for another spill and to control access.
- 2.14 Spills into water require special consideration. PCB spills into waters of the state require immediate notification as outlined in Section 4.0 of Procedure IP-1085. Containment and cleanup will require the services of a spill cleanup contractor under the guidance of the WPO Environmental Division and will most likely be overseen by government spill response divisions. PCBs spilled into puddles of water should be removed in either of the following two methods:
- 2.14.1 The water should be bailed or pumped into containers specified for disposal. The sediment and sludge from the bottom of the puddle should be removed to an approximate depth of six (6) inches, and placed into containers specified for disposal.

2.14.2 The water should be absorbed with absorptive material such as ash, commercial absorbents, dry sand, or sawdust. The absorptive material should be left in place for a minimum of one (1) hour or as long as is necessary to ensure that all available PCB fluids have been absorbed. The saturated material should be placed into containers specified for disposal. The sediment and sludge from the bottom of the puddle should be removed to an approximate depth of six (6) inches, and placed into containers specified for disposal.

3.0 Authority employees will limit themselves to the above listed containment and control procedures. No further actions involving cleanup will be undertaken by Authority employees, unless approved by the WPO Environmental Division and/or Safety & Fire Protection Divisions. In most cases, an outside contractor will be brought in to complete spill cleanup.

SPILL CONTAINMENT KIT
SOLVENTS/ORGANIC COMPOUNDS

* CONTENTS

1 PHENOLIC LINED DRUM (YELLOW)/QUICK RELEASE TOP

14 HAZORB PILLOWS
2 SARAN COATED TYVEK COVERALLS
WITH HOOD AND FEET (EXTRA LARGE)

2 CHEMICAL GOGGLES

** 2 PAIR ANSELL 632 (NITRILE) GLOVES
2 3M BRAND 8712 RESPIRATORS (ORGANIC VAPOR)

2 PAIR LATEX BOOTS

2 RESTRICTED AREA SIGNS

150' ROLL BARRICADE TAPE WITH RED STREAMERS

BOLT/NUT (1 EA.) FOR LEVER ONCE DRUM IS USED AND FILLED
(ATTACHED TO UNDERSIDE OF COVER)

- * - All these items are contained in clearly marked 55 gallon drums - available from Warehouse as Stock # 7411006
- Instruction for initial containment actions are marked on the drums
- ** Guidance is provided in Appendix A Section 2.2 for respiratory protection with respect to PCB's. Note that SCBA's are necessary for fire fighting and are the only acceptable respiratory device for unknown atmospheres.

ATTACHMENT 7.2

HAZARDOUS WASTE STORAGE LOCATIONS


LOCATION	DESCRIPTION
15', 41', and 55' Elevations of Turbine Building	Waste oil carts - 60 gallon mobile receptacles for waste lube oils - one cart at each elevation
15' North Loading Well Turbine Building	Accumulation point primarily for waste oil before movement to hazardous waste storage building typically 5-10 fifty-five gallon drums
15' Elevation: Turbine Building Paint Room	Spent Solvents from painting operations - usually a 30 gallon, 2-hung drum in room
Near Satellite Warehouse behind South Security Gate: Hazardous Waste Storage Gate	This building houses waste awaiting shipment - use caution - can contain solvents, caustic chemicals, herbicides, waste oils, etc. All drums should be labeled.

ATTACHMENT 7.3

EMERGENCY RESPONSE SERVICES

Following is a list of vendors that can provide clean up expertise, manpower and equipment in case of a hazardous waste emergency:

Peabody Clean Industry
1400 East Elizabeth Avenue
Linden, New Jersey 07036



(24 hour answering)

Sunrise Environmental Services
381 East 54th Street
Elmwood Park, New Jersey

(24 hour answering)

Attachment 7.4
Page 1 of 3

§ 117.3 Determination of reportable quantities.

The quantity listed with each substance in Table 117.3 is determined to be the reportable quantity for that substance.

Table 117.3
Reportable Quantities of Hazardous Substances

Note. - The first number under the column headed "RQ" is the reportable quantity in pounds. The number in parentheses is the metric equivalent in kilograms. For convenience, the table contains a column headed "Category" which lists the code letters "X", "A", "B", "C" and "D" associated with reportable quantities of 1, 10, 100, 1000 and 5000 pounds respectively.

Material	Category	RQ in pounds (kilograms)
Acetaldehyde	C	1,000 (454)
Acetic acid	C	1,000 (454)
Acetic anhydride	C	1,000 (454)
Acetone cyanohydrin	A	10 (4.54)
Acetyl bromide	D	5,000 (2,270)
Acetyl chloride	D	5,000 (2,270)
Acrolein	X	1 (0.454)
Acrylonitrile	B	100 (45.4)
Adipic acid	D	5,000 (2,270)
Aldrin	X	1 (0.454)
Allyl alcohol	B	100 (45.4)
Allyl chloride	C	1,000 (454)
Aluminum sulfate	D	5,000 (2,270)
Ammonia	B	100 (45.4)
Ammonium acetate	D	5,000 (2,270)
Ammonium benzoate	D	5,000 (2,270)
Ammonium bicarbonate	D	5,000 (2,270)
Ammonium bichromate	C	1,000 (454)
Ammonium bifluoride	D	5,000 (2,270)
Ammonium bisulfite	D	5,000 (2,270)
Ammonium carbamate	D	5,000 (2,270)
Ammonium carbonate	D	5,000 (2,270)
Ammonium chloride	D	5,000 (2,270)
Ammonium chromate	C	1,000 (454)
Ammonium citrate	D	5,000 (2,270)
Ammonium fluoborate	D	5,000 (2,270)
Ammonium fluoride	D	5,000 (2,270)
Ammonium hydroxide	C	1,000 (454)
Ammonium oxalate	D	5,000 (2,270)
Ammonium silicofluoride	C	1,000 (454)
Ammonium sulfamate	D	5,000 (2,270)
Ammonium sulfide	D	5,000 (2,270)
Ammonium sulfite	D	5,000 (2,270)
Ammonium tartrate	D	5,000 (2,270)
Ammonium thiocyanate	D	5,000 (2,270)
Ammonium thiosulfate	D	5,000 (2,270)
Amyl acetate	C	1,000 (454)
Aniline	C	1,000 (454)
Antimony pentachloride	C	1,000 (454)
Antimony potassium tartrate	C	1,000 (454)
Antimony tribromide	C	1,000 (454)
Antimony trichloride	C	1,000 (454)
Antimony trifluoride	C	1,000 (454)
Antimony trioxide	D	5,000 (2,270)
Arsenic disulfide	D	5,000 (2,270)
Arsenic pentoxide	D	5,000 (2,270)
Arsenic trichloride	D	5,000 (2,270)

Material	Category	RQ in pounds (kilograms)
Arsenic trioxide	D	5,000 (2,270)
Arsenic trisulfide	D	5,000 (2,270)
Darium cyanide	A	10 (4.54)
Benzene	C	1,000 (454)
Benzoic acid	D	5,000 (2,270)
Benzonitrile	C	1,000 (454)
Benzoyl chloride	C	1,000 (454)
Benzyl chloride	B	100 (45.4)
Beryllium chloride	D	5,000 (2,270)
Beryllium fluoride	D	5,000 (2,270)
Beryllium nitrate	D	5,000 (2,270)
Butyl acetate	D	5,000 (2,270)
n-Butyl phthalate	B	100 (45.4)
Butylamine	C	1,000 (454)
Butyric acid	D	5,000 (2,270)
Cadmium acetate	B	100 (45.4)
Cadmium bromide	B	100 (45.4)
Cadmium chloride	B	100 (45.4)
Calcium arsenate	C	1,000 (454)
Calcium arsenite	C	1,000 (454)
Calcium carbide	D	5,000 (2,270)
Calcium chromate	C	1,000 (454)
Calcium cyanide	A	10 (4.54)
Calcium dodecylbenzenesulfonate	C	1,000 (454)
Calcium hypochlorite	B	100 (45.4)
Captan	A	10 (4.54)
Carbaryl	B	100 (45.4)
Carbofuran	A	10 (4.54)
Carbon disulfide	D	5,000 (2,270)
Carbon tetrachloride	D	5,000 (2,270)
Chlordane	X	1 (0.454)
Chlorine	A	10 (4.54)
Chlorobenzene	B	100 (45.4)
Chloroform	D	5,000 (2,270)
Chlorpyrifos	X	1 (0.454)
Chlorosulfonic acid	C	1,000 (454)
Chromic acetate	C	1,000 (454)
Chromic acid	C	1,000 (454)
Chromic sulfate	C	1,000 (454)
Chromous chloride	C	1,000 (454)
Cobaltous bromide	C	1,000 (454)
Cobaltous formate	C	1,000 (454)
Cobaltous sulfamate	C	1,000 (454)
Coumpahos	A	10 (4.54)
Cresol	C	1,000 (454)
Crotonaldehyde	B	100 (45.4)
Cupric acetate	B	100 (45.4)
Cupric acetoarsenite	B	100 (45.4)
Cupric chloride	A	10 (4.54)
Cupric nitrate	B	100 (45.4)
Cupric oxalate	B	100 (45.4)
Cupric sulfate	A	10 (4.54)
Cupric sulfate ammoniated	B	100 (45.4)
Cupric tartrate	B	100 (45.4)
Cyanogen chloride	A	10 (4.54)
Cyclohexane	C	1,000 (454)
2,4-D Acid	B	100 (45.4)
2,4-D Esters	B	100 (45.4)
DDT	X	1 (0.454)
Diazinon	X	1 (0.454)
Dicamba	C	1,000 (454)
Dichlobenil	C	1,000 (454)
Dichlorone	X	1 (0.454)

REPORTABLE QUANTITIES

 IP-10 52/0
 Attachment 7.4
 Page 2 of 3

Material	Category	RQ in pounds (kilograms)
Dichlorobenzene	B	100 (45.4)
Dichloropropane	D	5,000 (2,270)
Dichloropropene	D	5,000 (2,270)
Dichloropropene- Dichloropropane Mixture	D	5,000 (2,270)
2,2-Dichloropropionic acid	D	5,000 (2,270)
Dichlorvos	A	10 (4.54)
Dieldrin	X	1 (0.454)
Diethylamine	C	1,000 (454)
Dimethylamine	C	1,000 (454)
Dinitrobenzene	C	1,000 (454)
Dinitrophenol	C	1,000 (454)
Dinitrotoluene	C	1,000 (454)
Diquat	C	1,000 (454)
Disulfoton	X	1 (0.454)
Diuron	B	100 (45.4)
Dodecylbenzenesulfonic acid	C	1,000 (454)
Endosulfan	X	1 (0.454)
Endrin	X	1 (0.454)
Epichlorohydrin	C	1,000 (454)
Ethion	A	10 (4.54)
Ethylbenzene	C	1,000 (454)
Ethylenediamine	C	1,000 (454)
Ethylene dibromide	C	1,000 (454)
Ethylene dichloride	D	5,000 (2,270)
EDTA	D	5,000 (2,270)
Ferric ammonium citrate	C	1,000 (454)
Ferric ammonium oxalate	C	1,000 (454)
Ferric chloride	C	1,000 (454)
Ferric fluoride	B	100 (45.4)
Ferric nitrate	C	1,000 (454)
Ferric sulfate	C	1,000 (454)
Ferrous ammonium sulfate	C	1,000 (454)
Ferrous chloride	B	100 (45.4)
Ferrous sulfate	C	1,000 (454)
Formaldehyde	C	1,000 (454)
Formic acid	D	5,000 (2,270)
Fumaric acid	D	5,000 (2,270)
Furfural	C	1,000 (454)
Guthion	X	1 (0.454)
Heptachlor	X	1 (0.454)
Hexachlorocyclopentadiene	X	1 (0.454)
Hydrochloric acid	D	5,000 (2,270)
Hydrofluoric acid	D	5,000 (2,270)
Hydrogen cyanide	A	10 (4.54)
Hydrogen sulfide	B	100 (45.4)
Isoprene	C	1,000 (454)
Isopropanolamine dodecylbenzenesulfonate	C	1,000 (454)
Kelthane	D	5,000 (2,270)
Kepone	X	1 (0.454)
Lead acetate	D	5,000 (2,270)
Lead arsenate	D	5,000 (2,270)
Lead chloride	D	5,000 (2,270)
Lead fluoborate	D	5,000 (2,270)
Lead fluoride	C	1,000 (454)
Lead iodide	D	5,000 (2,270)
Lead nitrate	D	5,000 (2,270)
Lead stearate	D	5,000 (2,270)
Lead sulfate	D	5,000 (2,270)
Lead sulfide	D	5,000 (2,270)
Lead thiocyanate	D	5,000 (2,270)
Lindane	X	1 (0.454)
Lithium chromate	C	1,000 (454)

Material	Category	RQ in pounds (kilograms)
Malathion	A	10 (4.54)
Maleic acid	D	5,000 (2,270)
Maleic anhydride	D	5,000 (2,270)
Mercaptodimethur	B	100 (45.4)
Mercuric cyanide	X	1 (0.454)
Mercuric nitrate	A	10 (4.54)
Mercuric sulfate	A	10 (4.54)
Mercuric thiocyanate	A	10 (4.54)
Mercurous nitrate	A	10 (4.54)
Methoxychlor	X	1 (0.454)
Methyl mercaptan	B	100 (45.4)
Methyl methacrylate	D	5,000 (2,270)
Methyl parathion	B	100 (45.4)
Mevinphos	X	1 (0.454)
Mexacarbate	C	1,000 (454)
Monoethylamine	C	1,000 (454)
Monomethylamine	C	1,000 (454)
Naled	A	10 (4.54)
Naphthalene	D	5,000 (2,270)
Naphthenic acid	B	100 (45.4)
Nickel ammonium sulfate	D	5,000 (2,270)
Nickel chloride	D	5,000 (2,270)
Nickel hydroxide	C	1,000 (454)
Nickel nitrate	D	5,000 (2,270)
Nickel sulfate	D	5,000 (2,270)
Nitric acid	C	1,000 (454)
Nitrobenzene	C	1,000 (454)
Nitrogen dioxide	C	1,000 (454)
Nitrophenol	C	1,000 (454)
Nitrotoluene	C	1,000 (454)
Paraformaldehyde	C	1,000 (454)
Parathion	X	1 (0.454)
Pentachlorophenol	A	10 (4.54)
Phenol	C	1,000 (454)
Phosgene	D	5,000 (2,270)
Phosphoric acid	D	5,000 (2,270)
Phosphorus	X	1 (0.454)
Phosphorus oxychloride	D	5,000 (2,270)
Phosphorus pentasulfide	B	100 (45.4)
Phosphorus trichloride	D	5,000 (2,270)
Polychlorinated biphenyls	A	10 (4.54)
Potassium arsenate	C	1,000 (454)
Potassium arsenite	C	1,000 (454)
Potassium bichromate	C	1,000 (454)
Potassium chromate	C	1,000 (454)
Potassium cyanide	A	10 (4.54)
Potassium hydroxide	C	1,000 (454)
Potassium permanganate	B	100 (45.4)
Propargite	A	10 (4.54)
Propionic acid	D	5,000 (2,270)
Propionic anhydride	D	5,000 (2,270)
Propylene oxide	D	5,000 (2,270)
Pyrethrins	C	1,000 (454)
Quinoline	C	1,000 (454)
Resorcinol	C	1,000 (454)
Selenium oxide	C	1,000 (454)
Silver nitrate	X	1 (0.454)
Sodium	C	1,000 (454)
Sodium arsenate	C	1,000 (454)
Sodium arsenite	C	1,000 (454)
Sodium bichromate	C	1,000 (454)
Sodium bifluoride	D	5,000 (2,270)
Sodium bisulfite	D	5,000 (2,270)
Sodium chromate	C	1,000 (454)

Material	Category	RQ in pounds (kilograms)
Sodium cyanide	A	10 (4.54)
Sodium dodecylbenzenesulfonate	C	1,000 (454)
Sodium fluoride	D	5,000 (2,270)
Sodium hydrosulfide	D	5,000 (2,270)
Sodium hydroxide	C	1,000 (454)
Sodium hypochlorite	B	100 (45.4)
Sodium methylate	C	1,000 (454)
Sodium nitrite	B	100 (45.4)
Sodium phosphate, dibasic	D	5,000 (2,270)
Sodium phosphate, tribasic	D	5,000 (2,270)
Sodium selenite	C	1,000 (454)
Strontium chromate	C	1,000 (454)
Strychnine	A	10 (4.54)
Styrene	C	1,000 (454)
Sulfuric acid	C	1,000 (454)
Sulfur monochloride	C	1,000 (454)
2,4,5-T acid	B	100 (45.4)
2,4,5-T amines	B	100 (45.4)
2,4,5-T esters	B	100 (45.4)
2,4,5-T salts	B	100 (45.4)
2,4,5-TP acid	B	100 (45.4)
2,4,5-TP acid esters	B	100 (45.4)
TDE	X	1 (0.454)
Tetraethyl lead	B	100 (45.4)
Tetraethyl pyrophosphate	B	100 (45.4)
Thallium sulfate	C	1,000 (454)
Toluene	C	1,000 (454)
Toxaphene	X	1 (0.454)
Trichlorfon	C	1,000 (454)
Trichloroethylene	C	1,000 (454)
Trichlorophenol	A	10 (4.54)
Triethanolamine dodecylbenzenesulfonate	C	1,000 (454)
Triethylamine	D	5,000 (2,270)
Trimethylamine	C	1,000 (454)
Uranyl acetate	D	5,000 (2,270)
Uranyl nitrate	D	5,000 (2,270)
Vanadium pentoxide	C	1,000 (454)
Vanadyl sulfate	C	1,000 (454)
Vinyl acetate	C	1,000 (454)
Vinylidene chloride	D	5,000 (2,270)
Xylene	C	1,000 (454)
Xylenol	C	1,000 (454)
Zinc acetate	C	1,000 (454)
Zinc ammonium chloride	D	5,000 (2,270)
Zinc borate	C	1,000 (454)
Zinc bromide	D	5,000 (2,270)
Zinc carbonate	C	1,000 (454)
Zinc chloride	D	5,000 (2,270)
Zinc cyanide	A	10 (4.54)
Zinc fluoride	C	1,000 (454)
Zinc formate	C	1,000 (454)
Zinc hydrosulfite	C	1,000 (454)
Zinc nitrate	D	5,000 (2,270)
Zinc phenolsulfonate	D	5,000 (2,270)
Zinc phosphide	C	1,000 (454)
Zinc silicofluoride	D	5,000 (2,270)
Zinc sulfate	C	1,000 (454)
Zirconium nitrate	D	5,000 (2,270)
Zirconium potassium fluoride	D	5,000 (2,270)
Zirconium sulfate	D	5,000 (2,270)
Zirconium tetrachloride	D	5,000 (2,270)

Indian Point 3
Nuclear Power Plant
P.O. Box 215
Buchanan, New York 10511
914 739.8200



EMERGENCY PLAN PROCEDURES

PROCEDURE NO. IP- 1070 REV. 12

TITLE " PERIODIC CHECK OF EMERGENCY PREPAREDNESS EQUIPMENT "

ORIGINAL

WRITTEN BY: *[Signature]*
REVIEWED BY: *D. M. May*
PORC REVIEW: *[Signature]* DATE 5/23/85
APPROVED BY: *[Signature]* DATE 5/28/85
EFFECTIVE DATE: 5/29/85

IP-1070
PERIODIC CHECK OF EMERGENCY PREPAREDNESS EQUIPMENT

1.0 INTENT

To describe the method for periodic checking of emergency equipment stored in Emergency Operation Facilities and Centers, Emergency Vehicles, Unit 3 Control Room, Command Guard House, and Peekskill Community Hospital.

2.0 LOCATIONS OF STORED EQUIPMENT

- Emergency Operation Facility (EOF)
- Alternate Emergency Operation Facility (AEOF)
- Emergency Vehicle (EV)
- Alternate Emergency Vehicle (AEV)
- NYPA Command Guard House (CGH)
- Unit 3 Control Room (CR)
- Unit 3 Technical Support Center (TSC)
- Unit 3 Operation Support Center (OSC)
- Peekskill Community Hospital

3.0 DISCUSSION

3.1 Con Edison shall check the emergency equipment located in the lockers in the EOF, AEOF, and emergency surveillance vehicles on a quarterly basis and after each drill. Con Edison Environmental Health and Safety Department Procedure EHS-S-7.301, Periodic Check of Stored Emergency Equipment and Supplies will be used.

3.2 Con Edison personnel will perform the following communication checks in accordance with Con Edison Environmental Health and Safety Department Procedure EHS-S-7.302, Periodic Check of Emergency Radios, Telephones, and Outdoor Assembly Alarm).

- Con Ed frequency radios (EOF, AEOF, CR-2, CR-3, CE-CGH, 2 emergency vehicles).
- Con Ed walkie-talkie radios
- Con Ed Emergency Site Assembly Alarm
- County Hot Line (RECS) Telephones (EOF, AEOF)
- Direct line telephones (EOF, CR-2, CR-3, AEOF)
- Con Ed TSC/EOF/CR automatic ring telephones
- NYPA push button phones in EOF
- NRC (ENS) phones in EOF and AEOF

- 3.3 The Unit 3 CR RECS phone is checked separately at a different frequency initiated by the NYS Warning Point.
- 3.4 The Unit 3 CR ODP radio is checked separately at a different frequency initiated by NYS Southern District Office of Disaster Preparedness located in Poughkeepsie, New York.
- 3.5 Following completion of the above checks, Con Edison shall forward copies of the completed checklists of equipment and supplies to the IP-3 RES Department for review and filing.
- 3.6 The IP-3 Safety Supervisor shall assure emergency first aid equipment is checked in conformance with surveillance test 3PT-M48. It is also the responsibility of the Safety Department to check and replace as necessary all of the air supplied and/or oxygen generating respiratory equipment.
- 3.7 IP-3 Health Physics personnel shall check the emergency equipment lockers in the IP-3 CR, OSC, TSC, CGH and Peekskill Community Hospital Decon Room on a monthly basis and after each drill. Health Physics is also responsible for changing film badges and/or TLDs at these locations on a monthly basis. In addition, Health Physics will conduct the monthly communication checks as specified on the checkoff lists included in this procedure (Attachment 5.1).

4.0 PROCEDURE

- 4.1 The IP-3 Performance and Reliability Group shall issue notice on a monthly basis to the Assistant to the Radiological and Environmental Services Superintendent (ARESS) stating when the periodic check of equipment is due.
- 4.2 The ARESS shall attach a copy of this procedure (IP-1070) to the notice and forward it to the Health Physics Supervisor who, in turn, will assign the inventory check to an HP(s).
- 4.3 Using the checkoff lists (Attachment 5.1 of this procedure), the HP(s) performing the checks shall:
 - 4.3.1 Obtain permission from the Shift Supervisor (SS) or Senior Reactor Operator (SRO) to conduct this procedure. The SS or SRO shall sign Page 1 of Attachment 5.1 indicating his permission to conduct the test.
 - 4.3.2 Obtain permission from the Emergency Room Representative at the Peekskill Community Hospital to conduct the inventory at that facility. The Emergency Room Representative shall sign Page 1 of Attachment 5.1 indicating his permission to conduct the test.
 - 4.3.3. Indicate that each piece of equipment is present by placing a check (✓) next to the item on the checkoff list.
 - 4.3.4 Perform a functional inspection and/or battery test on equipment as indicated.

- 4.3.5 Indicate any appropriate comments next to each item found defective.
- 4.3.6 Note the calibration due date in the appropriate column for instruments and counters.
- 4.3.7 Replace defective and/or missing equipment and report it to the ARESS.
- 4.3.8 Replace any equipment if its' calibration will expire before the next scheduled check.
- 4.3.9. Submit completed test to the SS for review and signature.
- 4.4 The SS shall:
 - 4.4.1 Review the test results.
 - 4.4.2 Sign Page 1 of Attachment 5.1 indicating review.
 - 4.4.3 Log as appropriate.
 - 4.4.4 Return to the ARESS.
- 4.5 The ARESS shall:
 - 4.5.1 Review the test results.
 - 4.5.2 Ensure all required equipment/supplies are available and operational.
 - 4.5.3 Sign Page 1 of Attachment 5.1 indicating review.
 - 4.5.4 Forward to the Performance and Reliability Group for filing.
- 4.6 The Performance and Reliability Group shall file and maintain all test results as required by IP-3 Tech. Specs.

5.0 ATTACHMENTS

5.1 Emergency Locker Inventory Checklist

EMERGENCY LOCKER AND EQUIPMENT INVENTORY REVIEW AND SIGNATURE

1. Permission to initiate test: _____
Shift Supervisor/Senior Reactor Operator Date

2. Permission to inspect inventory at Peekskill Community Hospital:

Emergency Room Representative Date

3. Review of test results: _____
Shift Supervisor/Senior Reactor Operator Date

ARESS Date

EQUIPMENT LOCATED IN THE CONTROL ROOM
CHECKOFF LIST

CONTROL ROOM LOCKER #1 - (This locker is in the Turbine Hall.)

The key (#75) to this locker is stored in the Control Room key locker.

No.	Equipment	Operational Calibration			Comments
		Present	Check	Due	
<u>Respiratory Protection</u>					
24	Combination Cartridges		NA	NA	
4	SCBA, (401 pressure demand)		NA	NA	

CONTROL ROOM LOCKER #2 - (This locker is inside the Control Room.)

The key (#76) to this locker is stored in the Control Room key locker.

No.	Equipment	Operational Calibration			Comments
		Present	Check	Due	
<u>AIR SAMPLING & COUNTING</u>					
1	HI sampler/totalizer		*		
1	3-2 iodine counter w/shield**		*		
1	RM-14)w/HP-210 or 260 probe		*		
1	Box air filters for HD-28B		NA	NA	
1	Box charcoal cartridges		NA	NA	
12	Silver zeolite cartridges		NA	NA	
1	Check source SPA-3 (Ba-133)		NA	NA	
5	packs smears		NA	NA	
5	packs gauze wipes		NA	NA	
1	pair tweezers		NA	NA	
-	Planchetts		NA	NA	
-	Smear Envelopes		NA	NA	
4	Air sample heads for HD-28B		NA	NA	

* Operational check required.

** Shield for SPA-3 is stored by the Control Panels.

Date Test Performed:

Signature of Checker:

EQUIPMENT LOCATED IN THE CONTROL ROOM
CHECKOFF LIST

CONTROL ROOM LOCKER #2 - (continued)

No.	Equipment	Operational Calibration			Comments
		Present	Check	Due	
<u>DOSIMETRY</u>					
20	Film badges and/or TLDs		NA	replace	
20	0-200 mR dosimeters		* zero		
20	0-500 mR dosimeters		* zero		
20	0-5 R dosimeters		* zero		
2	Dosimeter charges		*		
1	Set AA spare batteries		*	NA	
<u>PORTABLE SURVEY INSTRUMENTS</u>					
1	RO-2 or equivalent ion. chamber		*		
1	RO-2A or equivalent ion. chamber		*		
1	E-530 GM survey instrument or equiv.		*		
<u>RESPIRATOR PROTECTION</u>					
2	Bottles CR breathing air**		NA	NA	
10	Air masks with pressure demand regulators		NA	NA	
6	Lengths of 50' hose		NA	NA	
100	Bottles KI (14 doses/bottle)		NA	NA	
<u>MISCELLANEOUS</u>					
2	Log Books		NA	NA	
3	Voice Amplifiers		Battery test		
2	Step-off pads		NA	NA	
2	Telephone headsets		*	NA	
1	Calculator		*	NA	
1	HP85 Dose Assessment Tape		NA	NA	
-	Emerg. Title Badges & Badge Holder		NA	NA	
3	POM, SS/SRO, Communicator Responsibility Books		NA	NA	

* Operational check required.

** Stored in the Control Room.

Date Test Performed:

Signature of Checker:

EQUIPMENT LOCATED IN THE CONTROL ROOM
CHECKOFF LIST

CONTROL ROOM LOCKER #4 - (This locker is in the Turbine Hall.)

The key (#78) for this locker is stored in the Control Room key locker.

No.	Equipment	Operational Calibration			Comments
		Present	Check	Due	
<u>ANTI "C"</u>					
12	Sets Anti-"C" clothing		NA	NA	
-	Extra shoe covers (high & low)		NA	NA	
-	Extra surgeons gloves		NA	NA	
<u>RESPIRATOR PROTECTION</u>					
3	Manifolds		NA	NA	
3	Regulators for lg. bottle manifolds		NA	NA	
<u>RESPIRATORY PROTECTIONS</u>					
12	Full & half-face respirators		**	NA	
6	Spare bottles for SCBA		NA	NA	
<u>MISCELLANEOUS</u>					
-	Radioactive Caution Signs		NA	NA	
1	Battery Tester		*	NA	
-	Burn Kit		NA	NA	
-	First Aid Book		NA	NA	
-	Alarm		*	NA	
2	Loud Mouths		*	NA	

- * Operational Check Required.
** Respirator inspection (as per RE-HP-11.16).

Date Test Performed:

Signature of Checker:

EQUIPMENT LOCATED IN THE CONTROL ROOM
CHECKOFF LIST

CONTROL ROOM

This equipment is stored inside the Control Room, but not in any of the lockers.

No.	Equipment	Operational Calibration			Comments
		Present	Check	Due	
<u>RADIOS</u>					
-	Con Edison Radio		NA	NA	
-	Office of Disaster Preparedness Radio (ODP)		NA	NA	
<u>TELEPHONES</u>					
-	CR/OSC/TSC/EOF/RC Telephone		*	NA	
-	Control Room Emerg. Notification System (ENS) telephone (to NRC)		*	NA	
-	Shift Supervisor's Office ENS (to NRC)		*	NA	
-	County Hot Line telephone (RECS)		**	NA	
-	Assorted Direct Lines		*	NA	
-	NAWAS Telephone		**	NA	
<u>MISCELLANEOUS</u>					
1	Emerg. Response Guidebook (DOT P 5800.3)		NA	NA	
1	NYPA Emergency Plan Book		NA	NA	
1	NYPA Emerg. Plan Procedure Book		NA	NA	
1	Book of Forms		NA	NA	
1	Site Map		NA	NA	
1	10 Mile Map		NA	NA	
1	Overlays for 10 Mile Map		NA	NA	
1	Book - "Decon Treatment at Peekskill Hospital"		NA	NA	

* Operational check required.
** NYS will test.

Date Test Performed:

Signature of Checker:

EQUIPMENT LOCATED IN THE TECHNICAL AND OPERATIONS SUPPORT CENTER
CHECKOFF LIST

OSC/TSC CHEMISTRY LOCKER

The key to this locker is stored:

- In the TSC key (#59) locker. The STA on duty will have a key to the TSC key locker.
- In the OSC (hall) key (#4) locker. The key for the OSC key locker is found in the H.P. watch office key (#30) locker.

No.	Equipment	Operational Calibration			Comments
		Present	Check	Due	
<u>Miscellaneous</u>					
-	Chemistry Procedures Book		NA	NA	
-	Chemistry Team Leader		NA	NA	
2	Log Books		NA	NA	
-	Clerical Supplies		NA	NA	

TSC COMMUNICATIONS ROOM

The key to this room is stored:

- In the TSC key (#20) locker. The STA on duty has a key to the TSC key locker.
- In the OSC (hall key) (#8) locker. The key for the OSC key locker is found in the H.P. watch office key (#30) locker.

No.	Equipment	Operational Calibration			Comments
		Present	Check	Due	
2	Telecopiers		*	NA	
1	Xerox Machine		*	NA	
2	Prodac 250 consoles w/kybrds & modems		NA	NA	
-	Switchboard		NA	NA	
-	Outside Lines		*	NA	
-	NYPA extensions		*	NA	

* Operational check required.

Date Test Performed:

Signature of Checker:

EQUIPMENT LOCATED IN THE TECHNICAL AND OPERATIONS SUPPORT CENTER
CHECKOFF LIST

OSC CONTROL POINT DESK

The keys to this desk are stored:

- In the TSC key (#36) locker. The STA on duty will have a key to the TSC key locker.
- In the OSC (hall) key (#1) locker. The key for the OSC key locker is found in the H.P. watch office key (#30) locker.

No.	Equipment	Operational Calibration			Comments
		Present	Check	Due	
<u>Dosimetry</u>					
20	Film badges and/or TLDs		NA	replace	
25	0-200 mR dosimeters		* zero		
25	0-500 mR dosimeters		* zero		
25	0-5 R dosimeters		* zero		
34	0-50 dosimeters		* zero		
15	0-100 dosimeters		* zero		
33	0-200 R dosimeters		* zero		
9	0-1000 R dosimeters		* zero		
15	sets ring badges		NA	replace	
2	dosimetry chargers		*		
2	sets AA spare batteries		*	NA	
<u>Telephones</u>					
	NYPA extension 498		*	NA	
<u>Miscellaneous</u>					
1	Racal-Vadic Acoustic Coupler Modem		NA	NA	
-	Emerg. Plan. HP computer disc/tape		NA	NA	
-	Dose Report		NA	NA	
-	Green and Yellow Stickers		NA	NA	
-	Chart Paper		NA	NA	
-	Clerical Supplies		NA	NA	
1	Extremity Dose Record Book		NA	NA	
1	Dosimetry Responsibility Book		NA	NA	

* Operational check required.

Date Test Performed:

Signature of Checker:

EQUIPMENT LOCATED IN THE TECHNICAL AND OPERATIONS SUPPORT CENTER
CHECKOFF LIST

OSC/TSC EMERGENCY LOCKER #1

The key to this locker is stored:

- In the TSC key (#60) locker. The STA on duty will have a key to the TSC key locker.
- In the OSC (hall) key (#3) locker. The key for the OSC key locker is found in the H.P. watch office key (#30) locker.

No.	Equipment	Operational Calibration			Comments
		Present	Check	Due	
<u>Anti-C</u>					
24	sets Anti-"C" clothing		NA	NA	
-	extra surgeons gloves		NA	NA	
-	extra shoe covers (high & low)		NA	NA	
<u>Respiratory Protection</u>					
25	full face respirators		**	NA	
50	combination cartridges		NA	NA	
4	SCBA		NA	NA	
<u>Miscellaneous</u>					
2	flashlights with spare batteries		*	NA	
1	HP Controlled Procedures Book		NA	NA	
-	Radioactive Caution Signs		NA	NA	
2	Step off pads		NA	NA	
1	Calculator		*	NA	
2	Stopwatches		*	NA	
-	Shaving Cream		NA	NA	
-	Razors		NA	NA	

* Operational check required.

* The SCBA's are stored on top of both lockers and there are 4 spare air bottles in the Fire Brigade Room.

** Respirator inspection (as per RE-HPI-11.16).

Date Test Performed:

Signature of Checker:

EQUIPMENT LOCATED IN THE TECHNICAL AND OPERATIONS SUPPORT CENTER
CHECKOFF LIST

OSC/TSC EMERGENCY LOCKER #2

The key to this locker is stored:

- In the TSC key (#60) locker. The STA on duty has a key to the TSC key locker.
- In the OSC (hall) key (#3) locker. The key for the OSC key locker is found in the H.P. watch office key (#30) locker.

No.	Equipment	Operational Calibration			Comments
		Present	Check	Due	
<u>Air Sampling & Counting Equipment</u>					
1	HD-28B sampler/totalizer		*		
1	SPA-3/MS-2 iodine counter w/shield**		*		
1	AMS-2 continuous air monitor		*		
1	Triton		*		
3	Frskrs (RM-14)w/HP-210 or 260 probe		*		
1	box air filters AMS-2		NA	NA	
1	box air filters HD-28B		NA	NA	
20	Charcoal cartridges		NA	NA	
25	Silver zeolite cartridges		NA	NA	
2	extra rolls of chart paper (AMS-2)		NA	NA	
2	pair tweezers		NA	NA	
1	check source SPA-3 (Ba-133)		NA	NA	
30	packs smears		NA	NA	
5	packs gauze wipes		NA	NA	
-	Planchetts		NA	NA	
-	Smear envelopes		NA	NA	
4	Air sample heads for HD-28B		NA	NA	
1	BC-4 Beta Counter		NA	NA	
<u>Portable Survey Instruments</u>					
1	RO-2 or equivalent ion. chamber		*		
1	E-530 GM survey instr. or equiv.		*		
2	RO-2A or equivalent ion. chamber		*		
2	Teletectors		*		
<u>Miscellaneous</u>					
-	Fuses		NA	NA	
-	Extra Batteries - AA, 9 volt, D		*	NA	

* Operational check required.

** The shielding for the SPA-31 is to the right of the chemistry locker.

Date Test Performed:

Signature of Checker:

EQUIPMENT LOCATED IN THE TECHNICAL AND OPERATIONS SUPPORT CENTER
CHECKOFF LIST

OPERATIONS SUPPORT CENTER

The keys to the OSC are stored:

- In the TSC key (#11, #35, #40) locker. The STA on duty has a key to the TSC key locker.
- In the OSC (hall) key (#6) locker. The key for the OSC key locker is found in the H.P. watch office key (#30) locker.

The key to the locker in the Manager's office is stored:

- In the TSC key (#38) locker. The STA on duty has a key to the TSC key locker.
- In the OSC (hall) key (#7) locker. The key for the OSC key locker is found in the H.P. watch office key (#30) locker.

No.	Equipment	Operational Calibration			Comments
		Present	Check	Due	
<u>Radios</u>					
6	HT-220 Handy Talkies 153.635 MHz (Emerg. Plan Freq.)		*	NA	
1	Con Ed Handy Talkie		*	NA	
1	Base Station (153.635 MHz)		*	NA	
4	Model HT RR-2 duplex headsets with throat mike		*	NA	
4	Respirator microphone radios		*	NA	
<u>Respiratory Protection</u>					
200	Bottles KI (14 doses each bottle)		NA	NA	
<u>Telephones</u>					
1	Telephone headset		*	NA	
2	OSC/TSC/EOF/CR/RC dir-line phones		*	NA	
-	Assorted telephones		*	NA	
<u>Miscellaneous</u>					
1	Emergency Plan Book		NA	NA	
1	Emergency Plan Implem. Procedures		NA	NA	
1	Emergency Plan Forms Book		NA	NA	
-	Communications Forms		NA	NA	
1	Chemistry OSC Book		NA	NA	
-	Misc. OSC Responsibility Books		NA	NA	
-	OSC Briefing Forms		NA	NA	
-	Clerical Supplies		NA	NA	
-	Set PAB Maps (4)		NA	NA	
-	Misc. boards for updates		NA	NA	
-	OSC Side Door Interlocks		*	NA	

* Operational check required.

Date Test Performed:

Signature of Checker:

EQUIPMENT LOCATED IN THE TECHNICAL AND OPERATIONS SUPPORT CENTER
CHECKOFF LIST

TSC

To enter the TSC proper - the key is stored in the OSC (hall) key (#5) locker. The key for the OSC key locker is found in the H.P. watch office key (#30) locker.

The key to this desk is stored:

- In the TSC key (#45) locker. The STA on duty has a key to the TSC key locker.
- In the OSC (hall) key (#2) locker. The key for the OSC key locker is found in the H.P. watch office key (#30) locker.

No.	Equipment	Operational Calibration			Comments
		Present	Check	Due	
<u>Radios</u>					
1	Con Ed Handy Talkie		*	NA	
<u>Telephones</u>					
1	Telephone headset		*	NA	
1	NYPA extension 442		*	NA	
1	Outside Line - (914) 739-7334		*	NA	
1	Emergency Notification System (ENS)		*	NA	
1	Direct line to WPO		*	NA	
1	Direct line to CR/EOF/OSC/TSC/RC		*	NA	
1	Direct line to EOF		*	NA	
-	Switchboard Receiver		*	NA	
<u>Miscellaneous</u>					
1	Emergency Plan Book		NA	NA	
1	Emergency Plan Implem. Procedures		NA	NA	
1	Book of Forms		NA	NA	
-	Set of PAB Maps (4)		NA	NA	
-	Folder of Site and Area Maps		NA	NA	
1	Headquarters Emergency Plan		NA	NA	
-	Westinghouse Emerg. Response Plan		NA	NA	
-	TSC Operating Manual		NA	NA	
-	Emergency Telephone Directory		NA	NA	
-	Region I Incident Response Supplement to NUREG-0845		NA	NA	
-	Headquarters Emergency Response/ Recovery Implementing Procedures)		NA	NA	
-	Operators Console Manual		NA	NA	
-	Multiplier rechargeable battery		*	NA	
-	Log Book (TSC)		NA	NA	
-	Communications Forms		NA	NA	
-	Computer Info.		NA	NA	
-	Misc. TSC Responsibility Books		NA	NA	
-	Plant Status Logs - EP-Form 31a,b,c		NA	NA	
-	Clerical Supplies		NA	NA	
-	TSC Side Door Interlocks		*	NA	

* Operational check required.

Date Test Performed:

Signature of Checker:

EQUIPMENT IN COMMAND GUARD HOUSE (UNIT 3)
CHECKOFF LIST

No.	Equipment	Present	Operational Check	Calibration Due	Comments
40 -	Film Badges and/or TLDs		NA	replace	
50 -	500 mR dosimeters		*		
10 -	5 R dosimeters		*		
1 -	Dosimeter Charger		*	NA	
10 -	H/Face respirator with Iodine filters		**	NA	
1 -	100 bottles KI tablets		NA	NA	
8 -	Anti-C clothing kits		NA	NA	
2 -	Emergency Notification & Call-In Books		NA	NA	
1 -	Box Surgical Gloves		NA	NA	
	- Yellow Herculite for ambulance floor		NA	NA	
1 -	E-530 GM Survey Meter or equivalent		*		
1 -	RM-14 Frisker with HP-210 or 260 probe		*		

NOTE: Test the Con Ed Security frequency walkie-talkie (Frequency 2) by individually contacting the Unit 3 Control Room. Notify Unit 3 Control Room by phone prior to the test.

Test:	Unit 201 to KGS757		*	NA	
	Unit 203 to KGS757		*	NA	

* Operational check required.

** Respirator Inspection (as per RE-HPI-11.16).

Date Test Performed:

Signature of Checker:

EQUIPMENT LOCATED AT PEEKSKILL COMMUNITY HOSPITAL DECON ROOM
CHECKOFF LIST

NO.	EQUIPMENT	PRESENT	COMMENTS
1	Mobile Storage Cart		
1	Stainless Steel Cart		
1	4 Outlet Power Box		
1	Lead Pig		
-	Precut Yellow Herculite for Decon Room		
1	Roll Yellow Herculite for Hallway Floor		
-	Green Herculite for Outside Decon Room		
200	Yellow Plastic Booties		
200	Disposable Hoods		
40	Disposable Gowns		
1	Step-off Pad		
2	30 Gal. White Poly Waste Collection Containers		
2	25 Ft. Extension Cords		
9	"Caution - Contam. Area" signs		
1	Roll Large Clear Poly Bags		
10	Large Yellow Poly "Rad. Material" Bags		
10	Small Yellow Poly "Rad. Material" Bags		
1	Razor Knife		
5	Rolls Yellow Tape		
5	Rolls Masking Tape		
1	Washdown Stretcher		
1	Flexible Drain Hose for Washdown Stretcher		
1	Green Garden Hose with Washdown Fitting		
1	Decon Supplies (2 Boxes)		
1	Sampling Kit (2 Boxes)		
3	Boxes Surgical Gloves		
3	5 Gal. Yellow Poly Waste Water Collection Jugs		
1	Wall Clock		
1	Roll Saran Wrap		
80	Disposable Towels		
50Ft.	1/2" Tygon Tubing		
1	Bung Wrench		
2	Filter Rigs		
8	Lengths Rad. Rope with Clips		
1	E-530		
2	Friskers (RM-14 with HP-210 Probe)		
12	0-500 mR Dosimeters		
12	0-200 mR Dosimeters		
1	Dosimeter Charger		
10	TLD Badges		
20	TLD Rings		
1	Roll White Herculite		
12	Protective Clothing Packages		
4	Metal Stanchions for roping off ambulance		
1	Roll Rad. Rope for roping off ambulance		
1	Decon Kit (RMC)		

Date Check Performed:

Signature of Checker:

BEEPER HOLDERS

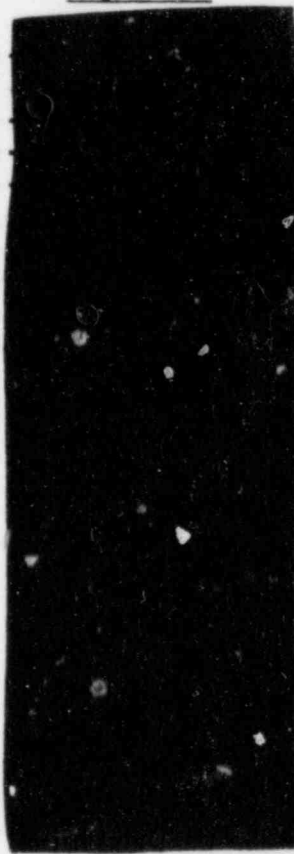
Beeper Holders

Pager No.

Albright, Marty.....
Brons, Jack.....
Carano, Bill.....
Deschamps, Bob.....
Dube, Joe.....
Gillen, Jim.....
Hahn, John.....
Hamlin, Bill.....
Heady, Bill.....
*Josiger, Bill.....
Lomonaco, Linda.....
Munoz, Steve.....
Perrotta, Joe.....
Russell, Joe.....
Russell, Pat.....
Quinn, Dennis.....
Tagliamonte, Ed.....
Vignola, Joe.....
Wollak, Janet.....

Tech. Services Engineer (Mechanical).....
Tech. Services Engineer (Electrical).....
Tech. Services Engineer (Performance).....

* Nuclear Generation Duty Officer.....



* When calling this number, the ring will be followed by a series of beep tones. When the beep tones stop, hang up. This pager are beep only, therefore they will call IP-3 Security for their message.

data page SERVICE

How to send a message to:

Note: You must use a touch-tone phone or adapter.

1. Dial my Data Page No.:

- - - - -

2. Wait until you hear three beep tones -
beep - beep - beep.

3. Enter the telephone number where you wish to be called.
(You can enter up to 24 digits.)

4. Press the number sign button (#).

5. Hang up

NOTE: With this type of paging, the individual will see the # you entered on his pager, and will know where to call back.

JUN 1 1964

If using a rotary phone call security [redacted], and they will page from the plant touch tone system. If "air busy" call security to have then call [redacted] and page manually. Only a beep will occur, no digital message, therefore pagee should call security back for their message.

ROSTER I
NYPA NOTIFICATION TELEPHONE NUMBERS
 (For use by Resident Manager's Secretary and Security)

The personnel listed below must be called and given the details of the emergency. Notification of these individuals is mandatory. The information provided to these individuals must include:

1. Callers Name & Title _____
2. The emergency classification _____
3. The time it was declared _____
4. A brief description of the conditions _____
5. Any other information they may request _____

	Work Ext.	Home #	Pager #	Time Contacted
1. Resident Manager, W. Josiger				
2. Supt. of Power, J. Russell				
3. Supt. of Operations, E. Tagliamonte				
4. Information Officer, J. Wollak				
Alternate, C. Spieler				
5. Recovery Manager, via dedicated Hot Line** (green phone in Resident Managers Office or Control Room)				
Alt.: Sal Zulla				
Alt.: Nuc. Gen. Duty Officer				

* When calling these numbers, the ring will be followed by a series of beep tones. When the beep tones stop, hang up. NOTE: These pagers are beep only, therefore they will call IP-3 Security for their message.

** If Security is calling use the alternate rather than the direct line.

NOTE: Be sure to notify the Shift Supervisor/Emergency Director when the above individuals have been notified or if they cannot be contacted.

Time _____

To page the above IP-3 individuals use these instructions:

NOTE: With this type of paging, the individual will see the # you entered on his pager, and thus will know who to call.

data page SERVICE

How to send a message to:

Note: You must use a touch-tone phone or adapter

1. Dial my Data Page No.:

2. Wait until you hear three beep tones --
beep beep beep.

3. Enter the telephone number where you wish to be called.
(You can enter up to 24 digits)

4. Press the number sign button (#)

5. Hang up

JUN 11 1985

- If the "air busy" call () to have individuals paged manually (only a beep no digital message, therefore pagee should call security back for a message).

Appendix A
Roster III

Acct.

Biordi, Anne Marie
Burns, Rosemarie
Carlucci, Nicholas
Catano, Irene
Eng, Nancy
Gulla, Elaine
Intelisano, Joanne
Nicholas, Muriel
Reilly, Marie
Salvadore, Nancy

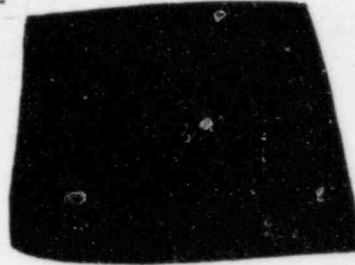


JUN 7 1985

Appendix A
Roster III

Administrative

Duffy, Joann
Grogan, Maureen
Hamlin, Bill
Josiger, Bill
Mann, Janice
Russell, Joe
Schivera, John




JUN 7 1985

Appendix A
Roster III

Chem.

DeNully, Anthony
Ellgen, George
Farinelli, James
Festa, John
Gander, Lynn
Kerns, Matt
Kraft, John
Matwijiw, Joseph
Milo, Paula
O'Brien, David
Sandike, Steven
Tolliver, John
Wilson, Daniel
Woodward, Bruce

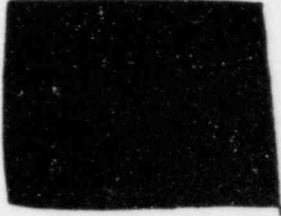


JUN 7 1985

Appendix A
Roster III

Documents

Feola, Frank
Kelly, Jacqueline
Ryan, Theresa
Tiberi, Louis A.

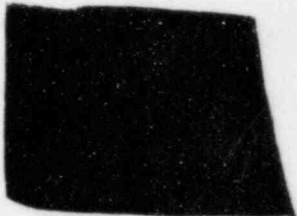


JUN 7 1985

Appendix A
Roster III

Fire and Safety

Dube, Joe
Rabias, John
Russell, Pat
VanBuren, S.
Walsh, Pam




JUN 7 1985

Appendix A
Roster III

H.P.

Barry, James
Booth, William
Brinkley, David
Budds, Damien
Chaubard, Mary Ann
Darman, Joseph
Deschamps, Bob
Dulgerian, Korkean
Eagens, Laura
Jordan, Bill
LaVera, Ron
Milewski, Daniel
Mitchell, Frank
Neff, John
Owens, Richard
Phillips, Thomas
Saunders, Paul
Solanto, Robert
Steigleman, Lou
Sullivan, Owen
Tagliamonte, Reid
Thomas, Alan
Troccoli, Robert



Appendix A
Roster III

I&C

Albright, Martin
Boccio, John
Buyes, David
Carlson, Kathleen
Cerwin, Anthony
Clerkin, Catherine
Daly, David
Davis, James
Gaudreau, Allan
Harris, Roger
Hayden, David
Howard, Kevin
Kappes, Raymond
Kelly, Daniel
Krawec, Walter
Lindstrom, Brian
Lisewski, Mark
Martin, James
Mastrogiacono, Maryellen
Michetti, John
Noel, William
Norton, Jeffrey
Padron, Julio
Payne, Kenneth
Richter, Robert
Semrai, John
Shene, Robert
Stephen, Peter
Terramoccia, John
Thoma, Robert
Torchia, Frank
Towne, Paul
White, Thomas
Williams, Robert
Zannelli, Robert
Zizzo, William

JUN 7 1985

Appendix A
Roster III

Maint.

Abilo, Nicholas
Acampora, Salvatore
Alemanno, Michael
Alphin, Chuck
Arcate, John
Badman, Harvey
Bailey, Timothy
Beusse, David
Bobik, Stephen
Butler, James
Carano, Bill
Carey, Colleen
Carlucci, James
Clayton, Dennis E.
Colwell, Dennis
Colwell, Frances
Cook, Leonard
Curry, Robert
DeCurtis, Dianne
Devlin, Michael
DiChiara, Joe
Dockstader, G.
Ellinger, Glenn
Erickson, Paul
Galage, Dan
Gorman, Thomas
Hakala, Phillip
Hannigan, Linda
Haviland, Sharon
Knapp, Charles
Kraus, Richard
Kuchera, Michael
Kulaga, Joseph
Lawlor, Michael
Lewis, Brent
Lord, Frank
Loughney, Dennis
Lucas, Bill
Mahoney, Joseph
Mainville, Timothy
Marks, Clifford
Maset, Edward N.
Mastrogiacomo, William
McAvinue, Thomas G.
McAvinue, Thomas P.
Merlino, Frank
Miller, Wayne
Morabito, John

JUN 7 1985

Appendix A
Roster III

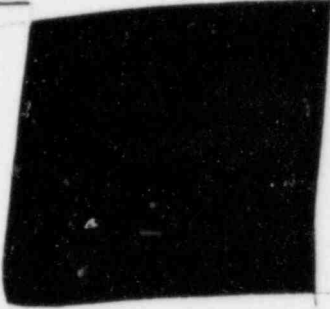
Neglia, Frank
Ownby, J.T.
Pagano, Austin
Patti, Vincent
Petrillo, Bruce
Phillips, Douglas
Polasko, John
Pratt, Curtis
Pulcher, Tom
Robinson, Paul
Rodia, Jay
Scott, John
South, Donevan
Swanson, Jeffrey
Taggart, Ransome
Tompkins, Kevin
Traditi, Steven
Turner, George
Vignola, Joseph
Vitale, Anthony
Walsh, William
Williams, Kenneth
Wilson, Ervin
Witherell, Bruce
Zolchak, John



Appendix A
Roster III

Office Services


Bell, John
Bowman, Ruthanne
Metzer, Christine
Saladino, Margaret
Tiberi, Geraldine
Walter, Martha
Wyskida, Stefanie



Appendix A
Roster III

Onsite Review Committee

Bystrak, Richard
Slezak, Michael



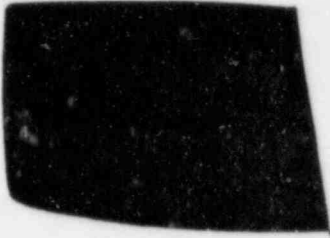
Operations

Abercrombie, Scott
Bengis, Mark
Bleakley, Gail
Braun, Charles
Cannon, Jim
Caraher, Edward
Caskey, Mark
Christman, Robert H.
Corbett, Matthew
Cramer, Thomas
DeVries, Nicholas
Ducey, Patrick
Elie, Alex
Faughnan, Philip
Green, Ronald D.
Gurina, Ernest
LaFever, Raymond
Martuscelli, A.
Mayer, Jan
McElroy, Ian
McElroy, Noel
Merlino, Louis
Miller, Bill
Moore, William
Morabito, James
O'Neill, Shawn
Ras, Thomas
Rescigno, Peter
Schlude, Richard
Schmidt, William
Schrader, Francis
Seaboldt, Jack
Small, A.
Swindell, William
Tagliamonte, Ed
Versace, Phillip
Walsh, Edward
Yasek, Donald

Appendix A
Roster III

Personnel

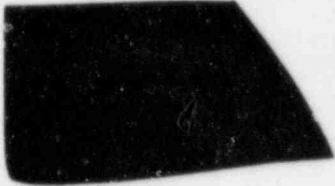
Ferguson, Susan
Golemi, Salvatore
Grey, Elaine
Rinzivillo, Kelly



Appendix A
Roster III

Public Relations

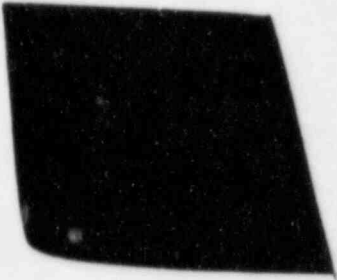
Bravato, Marge
Leisenring, Barbara
Ogden, Tina
Wollak, Janet



Appendix A
Roster III

Purchasing


Bingham, Health
Boyle, Nancy
Koberlein, Jean
McLeod, Donald
Moretti, Jean
Reagan, Jim



Appendix A
Roster III

QA


Buckley, Robert
Choma, Jill
Claar, Robert
Davis, Steven
Graff, Walter
Gwynn, Larry
Jenny, Dennis
Martin, Bobby
McGuire, Wayne
Memon, Siraj
Noroian, Richard
Oliva, Robert
Peterson, Joseph
Picciano, Andrew
Pindar, Francis
Rheaume, Wayne
Robinson, Howard
Tasik, George



Appendix A
Roster III

R.E.S.


Barton, Diane
Baxter, Jean
Emery, Alton
Gillen, Jim
Gray, Dara
Labenski, Tom
Lomonaco, Linda
Mayer, Donald
Peckham, Michael
Perrotta, Joseph
Quinn, Dennis
Sabi, Orlando



Appendix A
Roster III

Rad Waste

Blumer, James
Burger, Andy
Burke, William
Cohen, Martin
Greenman, Bill
LePere, John
Matthews, Ronald
O'Neil, Patrick
Pagano, Robert
Rinzivillo, Joseph
Scott, Robert
Thomas, Ronald
Tully, Gerard



Appendix A
Roster III

RO

Bernard, Robert
Coulehan, Vincent
Gorges, Charles
Mahoney, Borden
Mignotte, Stephen
Mooney, James
Roberts, Lawrence
Ruzicka, Richard
Sinacori, Paul
Smutny, Frederick
Summers, Jon



Security

Apostelico, James
Bain, Harry
Bruculeri, Angelo
Bullock, Clifton
Caslin, Stephen
Coleman, Michael
Cooper, Jeffrey
Corbett, James
Croushore, Harry
Dellocono, Allan
Diamond, Kenneth
Dorien, Janet
Dunning, Edward
Eberhardt, Elmer
Fleitz, James
Fleitz, Sheila
Gallagher, Richard
Gambichler, Joseph
Gilmartin, Thomas
Godbee, Mack
Golden, Roger
Goldrick, Robert
Gooding, Robert Jr.
Griffin, Wayne
Hahn, John
Hallop, Kathleen
Heady, William
Hojnacki, Edward
Hojnacki, Stanley
Horwath, George
Hughley, Freeman
Hunt, David
Jacobs, Steven
Jones, Ralph
Kelly, William
Klein, Albert
Komer, Joseph
Krysty, Kevin
Lafitte, Richard
Lahey, Dennis
Lane, Betty
Langley, Robert
Lent, Charles
Leonard, Michael
Malaspina, L.J.
Matthews, James
McGuire, Jeffrey
Middaugh, Michael

JUN 7 1985

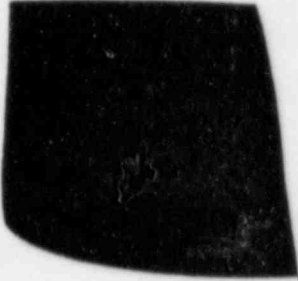
Appendix A
Roster III

Mosher, James
Mule, Charles
Nichols, Miles
O'Connor, Paul
O'Hara, Peter, Sr.
Peterson, Paul
Pettit, Thomas
Plattie, Louis, Jr.
Pomarico, Donald
Reyes, Rebecca
Rose, Reginald
Rutigliano, John
Ryerson, Robert
Seaboldt, Henrietta
Shanley, Michael
Simon, William
Slater, Peter
Smith, Deborah
Somma, Louis
Stahl, James
Stickles, Glenn
Tasadfoy, Robert
Teets, Kathleen
Toth, Steven
Umpenhour, John
Venditti, Anthony
Watson, James
Wood, David
Zodl, Robert

Appendix A
Roster III

SRO

Embry, Charles
Parks, Richard
Patrucco, Edward
Robinson, Wayne
Sorrell, William
Thomas, Robert

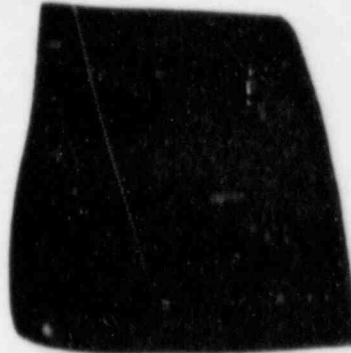


JUN 7 1985

Appendix A
Roster III

SS

Armando, Ed
Hansler, Bob
Holdam, Jim
Mackay, Charlie
Mackay, Henry
O'Donnell, Eugene
Sporbert, Dick
Vangor, Brian
Vinchkoski, Don




JUN 7 1985

Tech. Services

Anderson, John
Atanasov, Vasil
Bolton, Eugene
Bordenaro, Salvatore
Bubniak, Jaroslav
Burroni, Rich
Calabrese, Donald
Cao, Ramiro
Catano, John
Celentano, Dennis
Dahl, George
DeAntonio, Nicholas
Dinelli, Michael
Donnelly, John
Froebrich, Alfred
Garofalo, Mel
Gullick, Jerry
Gumble, Floyd
Haaland, Ole
Hay, Elizabeth
Kelly, Larry
Moran, Timothy
Morrisey, Michael
Munoz, Steve
Nikolatos, George
Orlando, Thomas
Piteo, Joseph
Ramjohn, Collins
Reiniger, Carl
Rizzatti, Rich
Roy, Josephine
Rudnicki, Edward
Ruzi, Consuelo (Connie)
Scalone, Raymond
Smith, Steve
Smythe, Ureena
Tesoriero, Michael
Torchia, Joe

Training

Ames, Douglas
Bridges, Steven
Diamond, Ed
Gander, Tom
Hall, Andree
Hansen, Ronald
King, Gregory
Lambert, Charles
McCabe, William
McGuinness, Sheila
Miller, John
Mozzor, Matty
Ray, Brian
Sautter, George
Sherman, Marianna
Smith, Gregg
Smith, Stephen
Tansky, Dick
Tully, Patrick



JUN 7 1985

Appendix A
Roster III

Warehouse

Bell, Richard
Dembeck, Raymond
DiCioccio, Dave
Gizzi, Samuel
Gullotti, Frank
Kadin, Robert
LaBounty, Diane
Maher, Marie
McLaughlin, Martin
Norton, Paul
Pagliaro, Vincent
Tiberi, Louie
VanSickle, Richard



JUN 7 1985

BEEPER HOLDERSBeeper HoldersPager No.

Albright, Marty.....
 Brons, Jack.....
 Carano, Bill.....
 Deschamps, Bob.....
 Dube, Joe.....
 Gillen, Jim.....
 Hahn, John.....
 Hamlin, Bill.....
 Heady, Bill.....
 *Josiger, Bill.....
 Lomonaco, Linda.....
 Munoz, Steve.....
 Perrotta, Joe.....
 Russell, Joe.....
 Russell, Pat.....
 Quinn, Dennis.....
 Tagliamonte, Ed.....
 Vignola, Joe.....
 Wollak, Janet.....

Tech. Services Engineer (Mechanical).....
 Tech. Services Engineer (Electrical).....
 Tech. Services Engineer (Performance).....

* Nuclear Generation Duty Officer.....

* When calling this number, the ring will be followed by a series of beep tones. When the beep tones stop, hang up. This pager are beep only, therefore they will call IP-3 Security for their message.

data page SERVICE

How to send a message to:

Note: You must use a touch-tone phone or adapter.

1. Dial my Data Page No.:

- - - - -
 - - - - -

2. Wait until you hear three beep tones ..
 beep - beep - beep

3. Enter the telephone number where you wish to be called.
 (You can enter up to 24 digits.)

4. Press the number sign button (#).

5. Hang up

NOTE: With this type of paging, the individual will see the # you entered on his pager, and will know where to call back.

MAY 10 1985

If using a rotary phone call security () and they will page from the plant touch tone system. If "air busy" call security to have then call () and page manually. Only a beep will occur, no digital message, therefore pagee should call security back for their message.

BEEPER HOLDERSBeeper HoldersPager No.

Albright, Marty.....
 Brons, Jack.....
 Carano, Bill.....
 Deschamps, Bob.....
 Dube, Joe.....
 Gillen, Jim.....
 Hahn, John.....
 Hamlin, Bill.....
 Heady, Bill.....
 *Josiger, Bill.....
 Lomonaco, Linda.....
 Munoz, Steve.....
 Perrotta, Joe.....
 Russell, Joe.....
 Russell, Pat.....
 Quinn, Dennis.....
 Tagliamonte, Ed.....
 Vignola, Joe.....
 Wollak, Janet.....

 Tech. Services Engineer (Mechanical).....
 Tech. Services Engineer (Electrical).....
 Tech. Services Engineer (Performance).....

 * Nuclear Generation Duty Officer.....

* When calling this number, the ring will be followed by a series of beep tones. When the beep tones stop, hang up. This pager are beep only, therefore they will call IP-3 Security for their message.

data page SERVICE

How to send a message to:

Note: You must use a touch-tone phone or adapter.

1. Dial my Data Page No.:

2. Wait until you hear three beep tones -
 beep - beep - beep.

3. Enter the telephone number where you wish to be called.
 (You can enter up to 24 digits.)

4. Press the number sign button (#).

5. Hang up

NOTE: With this type of paging, the individual will see the # you entered on his pager, and will know where to call back.

JUN 11 1985

If using a rotary phone call security and they will page from the plant touch tone system. If "air busy" call security to have then call and page manually. Only a beep will occur, no digital message, therefore pagee should call security back for their message.