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Indian Point 3

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AFFECTED DOCUMENT EMERGENCY PLAN PROCEDURES: UNIT 3

DOC #	REV #	TITLE	INSTRUCTIONS
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*******FOLLOW ATTACHED INSTRUCTIONS*******

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DISTRIBUTION CONTROL LIST

Document Name: EMER PLAN

CC_NAME NAME	DEPT	LOCATION
1 PLANT MANAGER'S OFFICE	UNIT 3 (UNIT 3/IPEC ONLY)	45-3-B
2 EP/TRAINING ADMINISTRATOR	TRAINING (ALL EP'S)	#48
3 RES DEPARTMENT MANAGER	RES (UNIT 3/IPEC ONLY)	45-4-A
4 REFERENCE LIBRARY	REC/TRN (UNIT 3/IPEC ONLY)	45-3-F
9 JOINT NEWS CENTER	EMER PLN (ALL EP'S)	EOF
10 SHIFT MGR. (LUB-001-GEN)	OPS (UNIT 3/IPEC ONLY)	IP3
11 CONTROL ROOM & MASTER	OPS (3PT-D001/6 (U3/IPEC)	IP3 (ONLY)
14 EOF	E-PLAN (ALL EP'S)	EOF
16 AEOF/A.GROSJEAN (ALL EP'S)	E-PLAN (EOP'S ONLY)	WPO-12D
19 NUC ENGINEERING LIBRARY	DOC (UNIT 3/IPEC ONLY)	WPO/7A
21 TSC	RECORDS	45-3-F
22 RESIDENT INSPECTOR	US NRC (UNIT 3/IPEC ONLY)	45-2-B
23 MCNAMARA N	NRC (ALL EP'S)	OFFSITE
24 MCNAMARA N	NRC (ALL EP'S)	OFFSITE
25 DOCUMENT CONTROL DESK	NRC (ALL EP'S)	OFFSITE
28 AVRAKOTOS N	J A (UNIT 3/IPEC ONLY)	OFFSITE
29 E-PLAN STAFF	E-PLAN (ALL EP'S)	EOF
30 E-PLAN STAFF	E-PLAN (ALL EP'S)	EOF
31 BARANSKI J (VOLUME I ONLY)	ST. EMERG. MGMT. OFFICE	OFFSITE
32 SUTTON A - (VOLUME I ONLY)	DISASTER & EMERGENCY	WESTCHESTR
33 LONGO N (VOLUME I ONLY)	EMERGENCY SERVICES	ROCKLAND
34 GREENE D (VOLUME I ONLY)	DISASTER & CIVIL DEFENSE	ORANGE
35 RAMPOLLA M (VOLUME I ONLY)	OFFICE OF EMERG MANAGE	PUTNAM
41 SIMULATOR	TRAIN (UNIT 3/IPEC ONLY)	48-2-A
107 QA MANAGER	QA (UNIT 3/IPEC)	TRL #2A
319 C.STELLATO (NRQ-OPS TRN)	NRQ (UNIT 3/IPEC ONLY)	#48
354 L.GRANT (LRQ-OPS/TRAIN)	LRQ (UNIT 3/IPEC ONLY)	#48
376 E-PLAN STAFF	E-PLAN (ALL EP'S)	EOF
424 J.CHIUSANO (OPS INSTR)	(UNIT 3/IPEC ONLY)	#48
510 L.GRANT (LRQ-OPS/TRAIN)	LRQ (UNIT 3/IPEC ONLY)	#48
511 L.GRANT (LRQ-OPS/TRAIN)	LRQ (UNIT 3/IPEC ONLY)	#48
512 C.STELLATO (NRQ-OPS TRN)	NRQ (UNIT 3/IPEC ONLY)	#48
513 C.STELLATO (NRQ-OPS TRN)	NRQ (UNIT 3/IPEC ONLY)	#48
517 PLANT MANAGER'S OFFICE	ADMIN/ (UNIT 2/IPEC ONLY)	IP2
518 TSC	UNIT 2 (UNIT 2/IPEC ONLY)	IP2
520 CONTROL ROOM (UNIT 2)	OPS (UNIT 2 & IPEC ONLY)	IP2
521 SIMULATOR	TRAIN (UNIT 2/IPEC ONLY)	IP2
522 NRC RESIDENT	US NRC (UNIT 2/IPEC ONLY)	IP2
523 ROBERT VOGLE (UNIT 2)	TRAIN/LIB (ALL EP'S)	TODDVILLE
524 JOHN MCCANN (UNIT 2)	NUC SAFETY/LIC (ALL EP'S)	IP2

TO: Nuclear Regulatory Commission

#25

FROM: IPEC Emergency Planning

#27396

SUBJECT: Emergency Planning Document Update

Date: 10/30/02

Please update your controlled copy of the documents listed below as specified with the copy(s) attached.

Please sign this memo indicating that you have completed the update as specified and return to:

Entergy Nuclear
Indian Point Nuclear Generating Station
Records and Documents Department
Broadway & Bleakley Aves.
Buchanan, NY 10511
Attn: Document Custodian

Document #	Document Name	New Rev. #/ Date	Old Rev. #/ Date	Instructions
U3	Volume II Emergency Response Activation Implementing Procedures			
TOC	Table of Contents	10/02	09/30/02	Replace entire document
IP-2001	Emergency Director (ED), Plant Operations Manager (POM), Shift Managers (SM) Procedure	17	16	Replace entire document

Update completed as specified:

Signature of Controlled Copy Holder

Date

ENTERGY NUCLEAR NORTHEAST
 INDIAN POINT NO. 3 NUCLEAR POWER PLANT
 EMERGENCY PLAN - VOLUME II
 EMERGENCY RESPONSE ACTIVATION

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IP-2003 CR Watch Chemist	6 - 07/02
IP-2004 CR Clerk	3 - 09/00
IP-2005 CR Offsite Communicator	2 - 06/01
IP-2006 CR Direct-Line Communicator	4 - 10/99
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IP-2103 TSC SPDS Computer Operator	4 - 08/99
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IP-2105 TSC Accountability Officer	VOID - N/A
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IP-2206 OSC Accountability Officer	VOID - N/A
IP-2207 OSC Clerk	5 - 06/99
IP-2208 OSC Security Team Leader	4 - 03/02
IP-2209 OSC H.P. Technician	4 - 12/97
IP-2210 OSC Dosimetry Technician	3 - 06/98
IP-2211 OSC Chemistry Team Leader	2 - 03/00

ENERGY NUCLEAR NORTHEAST
 INDIAN POINT NO. 3 NUCLEAR POWER PLANT
 EMERGENCY PLAN - VOLUME II
 EMERGENCY RESPONSE ACTIVATION

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IP-2301	Emergency Director Replaced by IP-EP-255	VOID	-	N/A
IP-2302	EOF Technical Advisor and Information Liaison	10	-	07/02
IP-2303	EOF Radiological Assessment Team Leader (RATL)	5	-	11/00
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IP-2305	EOF MIDAS Operator	4	-	03/00
IP-2306	EOF Security Officer	7	-	12/98
IP-2307	EOF Clerk	5	-	10/99
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IP-2309	EOF Offsite Communicator	4	-	09/00
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IP-2311	EOF Offsite Radiological Communicator	4	-	06/99
IP-2312	EOF Public Relations Liaison	VOID	-	N/A
IP-2313	EOF Public Relations Technical Advisor	VOID	-	N/A
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 <u>ALTERNATE EMERGENCY OPERATIONS FACILITY (AEOF)</u>				
IP-2400	Emergency Activation of the Alternate Emergency Operations Facility (AEOF) Replaced by IP-EP-251	VOID	-	N/A
 <u>SECURITY ACTIVATION</u>				
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 <u>RECOVERY/TERMINATION</u>				
IP-2600	Emergency Termination and Transition to Recovery Replaced by IP-EP-610	VOID	-	N/A
IP-2601	Recovery Manager Replaced by IP-EP-610	VOID	-	N/A
IP-2602	Development of a Recovery Action Plan Replaced by IP-EP-610	VOID	-	N/A
IP-2603	Recovery Support Group Manager	1	-	07/02
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APPENDIX 'A'	- ROSTER I			09/02
	ROSTER II			09/02
	ROSTER III			09/02
APPENDIX 'B'	- Emergency Offsite Telephone List			09/02
APPENDIX 'C'	- Emergency Response Facility Telephone List			09/30/02



CONTROLLED COPY #: **25**

EMERGENCY PLAN PROCEDURES

PROCEDURE NO. IP-2001 REV. 17

TITLE: EMERGENCY DIRECTOR (ED), PLANT OPERATIONS MANAGER (POM), SHIFT MANAGER (SM) PROCEDURE

THIS PROCEDURE IS TSR **X**

THIS PROCEDURE IS NOT TSR

WRITTEN BY: Rebecca A Martin 10/29/02
SIGNATURE/DATE

REVIEWED BY: [Signature] 10/29/02
SIGNATURE/DATE

APPROVED BY: [Signature] 10/30/02
SIGNATURE/DATE

EFFECTIVE DATE: 10/30/02

PROCEDURE USE IS
REFERENCE

EMERGENCY DIRECTOR (ED), PLANT OPERATIONS MANAGER (POM),
SHIFT MANAGER (SM) PROCEDURE

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IP-2001

EMERGENCY DIRECTOR (ED), PLANT OPERATIONS MANAGER (POM),
SHIFT MANAGER (SM) PROCEDURE

1.0 PURPOSE

- 1.1 The purpose of this procedure is to provide immediate and follow-up instructions to the EMERGENCY DIRECTOR (ED), PLANT OPERATIONS MANAGER (POM), and/or the SHIFT MANAGER (SM) in the Control Room (CR).

The CR ED position is typically filled by one of the following:

- SM
- POM

The POM is an emergency plan position staffed by trained management personnel as indicated on Emergency Plan Volume II Appendix A Rosters. Personnel who typically staff this position are:

- Assistant Operations Manager
- Senior Reactor Operator Qualified Individual
- Operations Manager

2.0 RESPONSIBILITIES

- 2.1 The responsibilities assigned in this procedure shall be assumed by the ED in the CR or the individual in charge in the CR if ED responsibilities have been transferred to the Emergency Operations Facility (EOF). The ED will initially be the On Watch SM. The SM may be relieved as ED in the CR by the POM, or if the EOF is staffed, ED responsibilities may be transferred to the EOF. These responsibilities include:

- A. Assuming the assigned position and ensuring that support staff are notified, available and properly briefed.
- B. Ensuring that minimum staffing is attained, per the Emergency Plan Volume I, Section 5.0, Table 5.1.
- C. Ensuring that the CR is made operational in accordance with IP-2000, "Emergency Activation of the Control Room".
- D. Overall management of any and all efforts required to return the plant to pre-emergency conditions.
- E. Providing initial offsite notifications until the EOF assumes ED responsibilities.
- F. Providing onsite notifications throughout the emergency.
- G. Keeping other Emergency Response Facilities (ERFs) apprised of plant events (on going as well as mitigated), and the CR decisions and activities in response to them.

- H. Ensuring that the CR is habitable for Operations Personnel.
 - J. Maintaining a log of actions being taken and decisions made. (This task can be delegated to another member of the CR staff, e.g.: Clerk, Communicator).
- 2.2 The SM has responsibility to perform or assign someone to perform the offsite communications responsibilities if Security can not send an offsite communicator to the CR.
- 2.3 The SM/POM is responsible for ensuring site accountability is being accomplished and/or that search and rescue is being conducted as required.

3.0 REFERENCES

- 3.1 E-Plan, Volume I, Section 5.0, "Organizational Control of Emergencies"
- 3.2 IP-1001, "Determining the Magnitude of Release"
- 3.3 IP-1017, "Protective Action Recommendations for the Offsite Population"
- 3.4 IP-1019, "Emergency Use of Potassium Iodide (KI)"
- 3.5 IP-1053, "Evacuation of Site"
- 3.6 IP-1054, "Search and Rescue Teams"
- 3.7 IP-2000, "Emergency Activation of the Control Room"
- 3.8 IP-2400, "Emergency Activation of the Alternate Emergency Operations Facility (AEOF)"
- 3.9 IP-2500, "Security Emergency Activation Responsibilities"
- 3.10 IP-2600, "Emergency Termination and Transition to Recovery"
- 3.11 IP-1038, "Offsite Emergency Notifications"
- 3.12 EP-Form #4, "Control Room Emergency Staffing Chart"
- 3.13 EP-Form Part I, "New York State Radiological Emergency Data Form, General Information"
- 3.14 EP-Form #31a, "Plant Status Log (measurements)"
- 3.15 EP-Form #31b, "Plant Status Log (radiation monitors)"
- 3.16 EP-Form #31c, "Plant Status Log (equipment status)"
- 3.17 NRC Form #361, "Event Notification Worksheet"
- 3.18 ONOP-SEC-1, "Response to Security Compromise"

NOTE

The following procedure steps are provided for reference. Actual procedure steps are performed using the appropriate Attachment.

4.0 PROCEDURE

- 4.1 The On Watch SM shall report to the CR and assume ED responsibilities upon the initiation of any emergency level classification.
- 4.2 The appropriate flowchart (Attachments 5.1 - 5.4) shall be followed for the declared emergency classification.
 - A. The emergency classification should be made within

approximately 15 minutes of the initiating conditions.

- B. The Immediate Actions (page 1 of Attachments 5.1 - 5.4) shall be completed within 15 minutes of the declaration.
- C. The time requirements specified in the Follow-up Actions (page 2 of Attachments 5.1 - 5.4) are expectations which should be adhered to if they will not interfere with mitigating the accident or carrying out the Immediate Actions.

- 4.3 When upgrading emergency level classifications, the flowchart for the new emergency classification level (Attachment 5.1, 5.2, 5.3 or 5.4) shall be followed.
- 4.4 The ED/POM shall perform the following during the first 48 hours of the accident:

NOTE

Maximum CR temperature shall not exceed 106° F.

- A. Monitor CR temperature for all increasing trends.
 - B. Notify the Technical Support Center (TSC) if CR temperature has an increasing trend, and initiate corrective actions such as turning off CR lighting (normal), or providing alternate methods of cooling the CR.
- 4.5 The CR ED should use Attachment 5.5, "Emergency Director Turnover Checklist" to turnover the ED responsibilities to another ED.
 - 4.6 The CR ED or POM should use Attachment 5.6, "Relocation to the AEOF Checklist" if the decision is made for the EOF to relocate to the AEOF, as necessary.
 - 4.7 The POM shall use the appropriate flowchart (Attachments 5.7 - 5.9) for the actions to be performed for the declared emergency classification after the ED responsibilities have been turned over to the EOF/AEOF ED.
 - A. The Immediate Actions (page 1 of Attachments 5.7 - 5.9) shall be completed within 15 minutes of the declaration.
 - B. The time requirements specified in the Follow-up Actions (page 2 of Attachments 5.7 - 5.9) are expectations which should be adhered to if they will not interfere with mitigating the accident or carrying out the Immediate Actions.

- 4.8 IF the Safety Parameter Display System (SPDS) is out of service, THEN the POM/CR ED should perform the following:
- A. Determine which parameters on Forms 31a, 31b and 31c are needed based on the existing plant conditions.
 - B. IF plant conditions change, THEN the parameters being recorded on Forms 31a, 31b and 31c should be reviewed to confirm/revise parameters being recorded.
 - C. IF CR personnel are available to record this information, THEN have information recorded and faxed to the TSC when completed. Time requirements on page 2 of Attachments 5.2 - 5.4 and page 2 of Attachments 5.7 - 5.9 are recommended times and not requirements.
 - D. Request the TSC/Operations Support Center (OSC) provide an individual(s) to complete Forms 31a, 31b and 31c. Upon arrival in the CR, this individual(s) initiates/assumes the recording of designated parameters on Forms 31a, 31b and 31c as directed by the POM/CR ED.
- 4.9 IF an emergency classification is entered due to a security condition, THEN performing accountability may put personnel at risk. Therefore, in these situations and as specified in ONOP-SEC-1, the Assembly Alarm may not be sounded and accountability may be suspended until directed by Security. In addition, if Security can not provide an offsite communicator to the CR, the SM or an assigned individual shall assume those responsibilities in IP-1038.
- 4.10 IF plant conditions warrant the transition to Severe Accident Management (SAM), THEN use Attachment 5.10, " Plant Operations Manager (POM) Flowchart for Severe Accident Management (SAM)".
- 4.11 If IP-2 declares any of the four emergency classifications, THEN go to Attachment 5.11, "IP3 Actions for an IP2 Event".

5.0 ATTACHMENTS

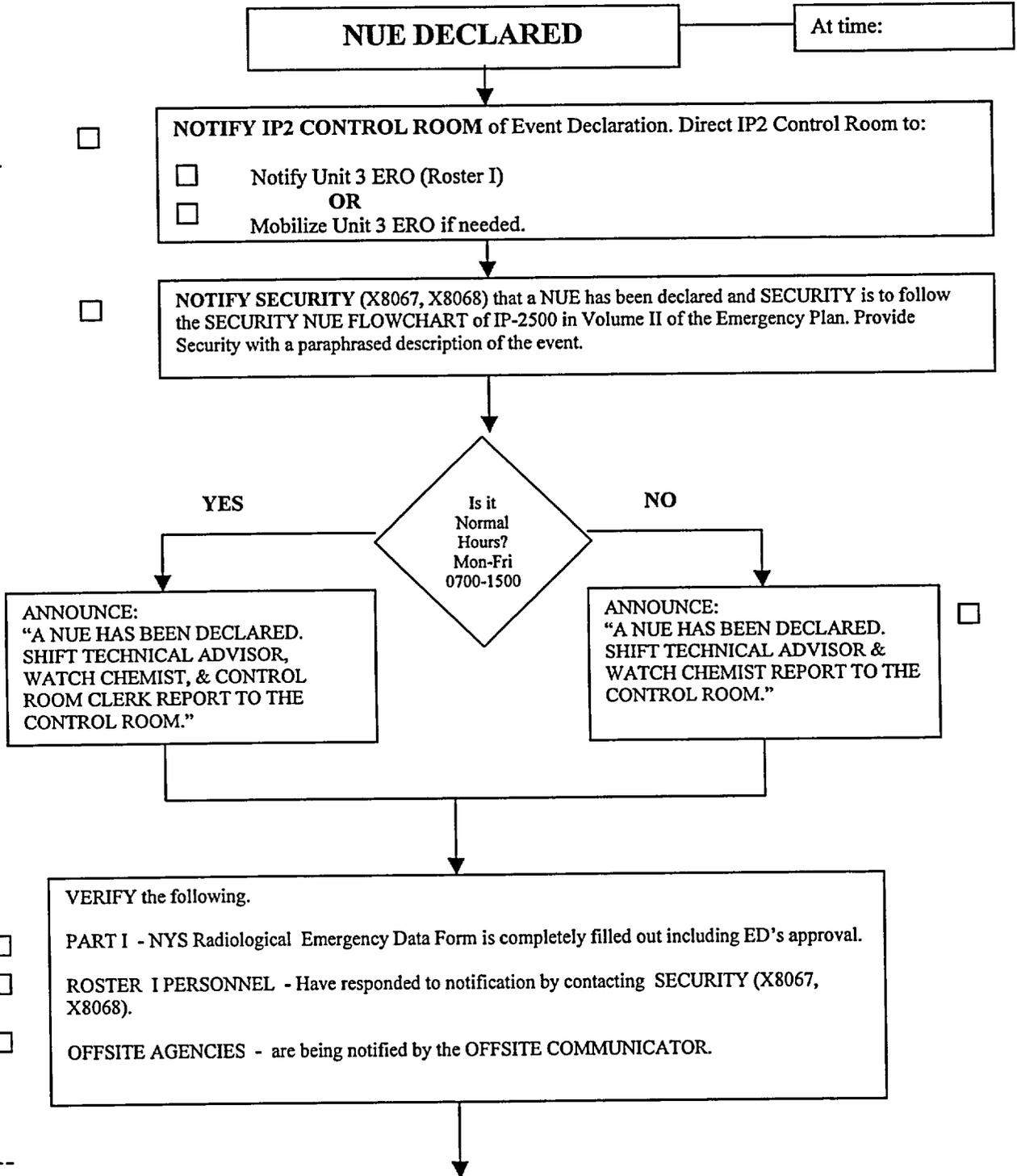
- 5.1 Notification of Unusual Event Flowchart for the Control Room Emergency Director (ED)
- 5.2 Alert Flowchart for the Control Room Emergency Director (ED)
- 5.3 Site Area Emergency Flowchart for the Control Room Emergency Director (ED)
- 5.4 General Emergency Flowchart for the Control Room Emergency Director (ED)
- 5.5 Emergency Director Turnover Checklist
- 5.6 Relocation to the AEOF Checklist

- 5.7 Alert Flowchart for the Control Room POM/SM with ED Staffed at EOF
- 5.8 Site Area Emergency Flowchart for Control Room POM/SM with ED Staffed at EOF
- 5.9 General Emergency Flowchart for the Control Room POM/SM with ED Staffed at EOF
- 5.10 Plant Operations Manager (POM) Flowchart for Severe Accident Management (SAM)
- 5.11 SM/POM's Actions for an IP2 Event

END OF TEXT

**ATTACHMENT 5.1
NOTIFICATION OF UNUSUAL EVENT FLOWCHART
FOR
THE CONTROL ROOM EMERGENCY DIRECTOR (ED)**

IMMEDIATE ACTIONS - SHALL BE COMPLETED WITHIN 15 MINUTES



See Page 2 for Follow-Up Actions

ATTACHMENT 5.1

NOTIFICATION OF UNUSUAL EVENT FLOWCHART
FOR
THE CONTROL ROOM EMERGENCY DIRECTOR (ED)

FOLLOW-UP ACTIONS

-
-
-
-
-
-
-

ENSURE:

- PART I is faxed to the State and Counties.
- NRC is notified. (If requested, complete Form #361.)
- Control Room is set up per IP-2000.
- Control Room Staffing Chart (EP-Form 4) is filled out and provisions are made for two shift staffing if required (second shift personnel shall have first shift assignment).
- Dispatched NPOs and Repair and Corrective Action Teams are being tracked.
- OFFSITE AGENCIES are updated approximately every 30 minutes via RECS/FAX.
- SITE PERSONNEL are updated approximately every 30 minutes on emergency classification.

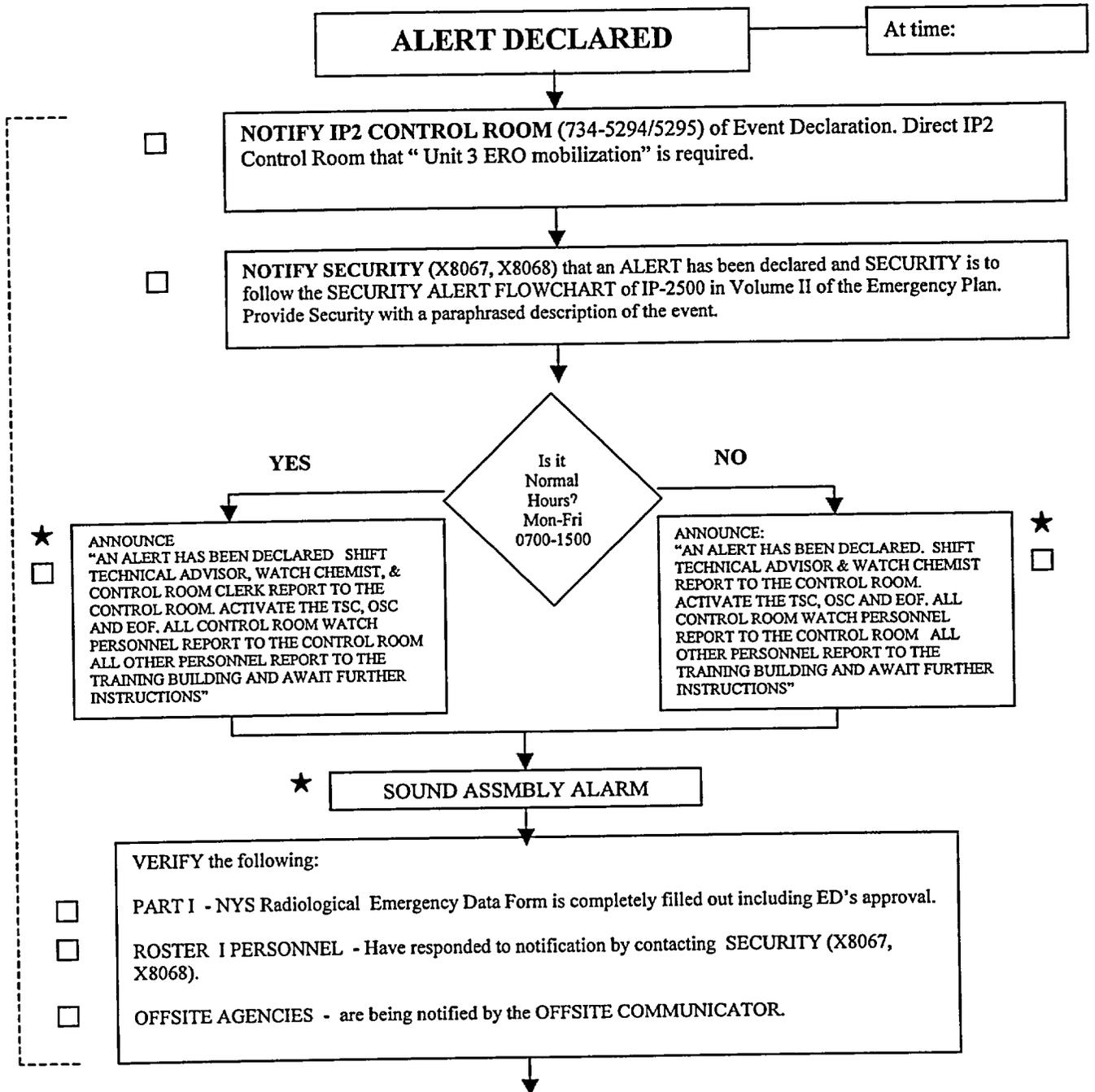
TURNOVER
TERMINATION / RECOVERY

-
-

Refer to Attachment 5.5 to turnover ED responsibilities if required.

Refer to IP-2600 to terminate NUE or turnover to Recovery Center as appropriate.

**ATTACHMENT 5.2
 ALERT FLOWCHART
 FOR
 THE CONTROL ROOM EMERGENCY DIRECTOR (ED)**



IMMEDIATE ACTIONS - SHALL BE COMPLETED WITHIN 15 MINUTES

See Page 2 for Follow-Up Actions

★ If in ONOP-SEC-1 THEN page in accordance with ONOP-SEC-1.

ATTACHMENT 5.2
ALERT FLOWCHART
FOR
THE CONTROL ROOM EMERGENCY DIRECTOR (ED)

FOLLOW-UP ACTIONS

ENSURE:

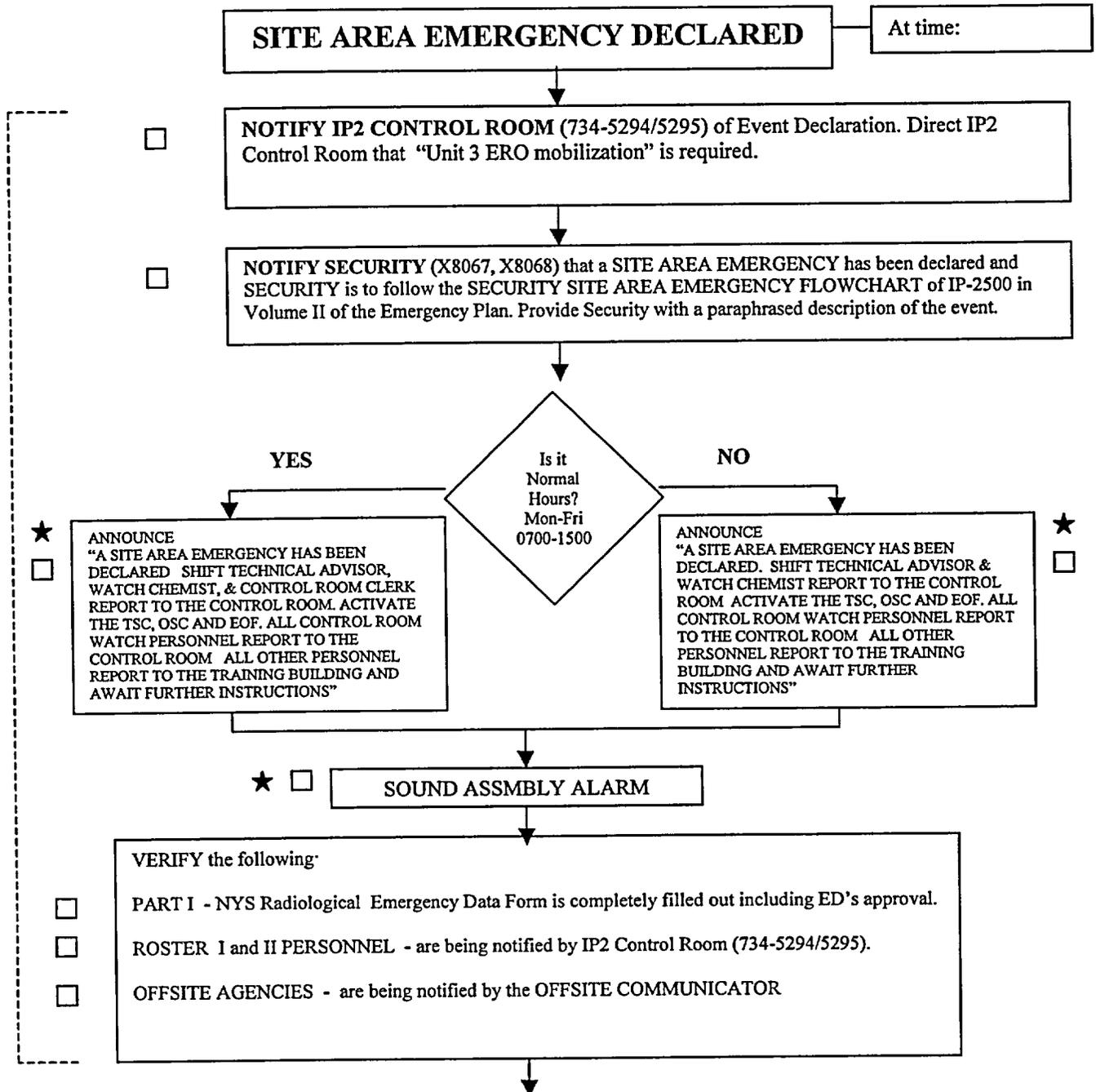
- PART I is faxed to the State and Counties.
- NRC is notified. (If requested, complete Form #361.)
- Control Room is set up per IP-2000.
- Control Room Staffing Chart (EP-Form 4) is filled out and provisions are made for two shift staffing if required (second shift personnel shall have first shift assignments).
- Dispatched NPOs and Repair and Corrective Action Teams are being tracked. (Unless THE OSC is tracking them.)
- If SPDS is out of service, Forms 31a, 31b, and 31c are faxed to the TSC every 15 minutes, not to exceed 30 minutes.
- OFFSITE AGENCIES are updated approximately every 30 minutes via RECS/FAX.
- SITE PERSONNEL are updated approximately every 30 minutes on emergency classification and relevant plant/safety conditions via PLANT PAGE.
- ANI, NML and INPO are notified.
- A status report on the staffing of the TSC, OSC and EOF is received.
- EVACUATION of Non-Essential personnel is considered per IP-1053.
- Keep TSC/OSC/EOF apprised of plant events (on going as well as mitigated), and CR decisions/activities in response to those events.



TURNOVER
TERMINATION / RECOVERY

- Refer to Attachment 5.5 to turnover ED responsibilities if required.
- Refer to IP-2600 to terminate ALERT or turnover to Recovery Center as appropriate.

ATTACHMENT 5.3
SITE AREA EMERGENCY FLOWCHART
FOR
THE CONTROL ROOM EMERGENCY DIRECTOR (ED)



IMMEDIATE ACTIONS - SHALL BE COMPLETED WITHIN 15 MINUTES

★ See Page 2 for Follow-Up Actions
★ If in ONOP-SEC-1 THEN page in accordance with ONOP-SEC-1.

ATTACHMENT 5.3

SITE AREA EMERGENCY FLOWCHART
FOR
THE CONTROL ROOM EMERGENCY DIRECTOR (ED)

FOLLOW-UP ACTIONS

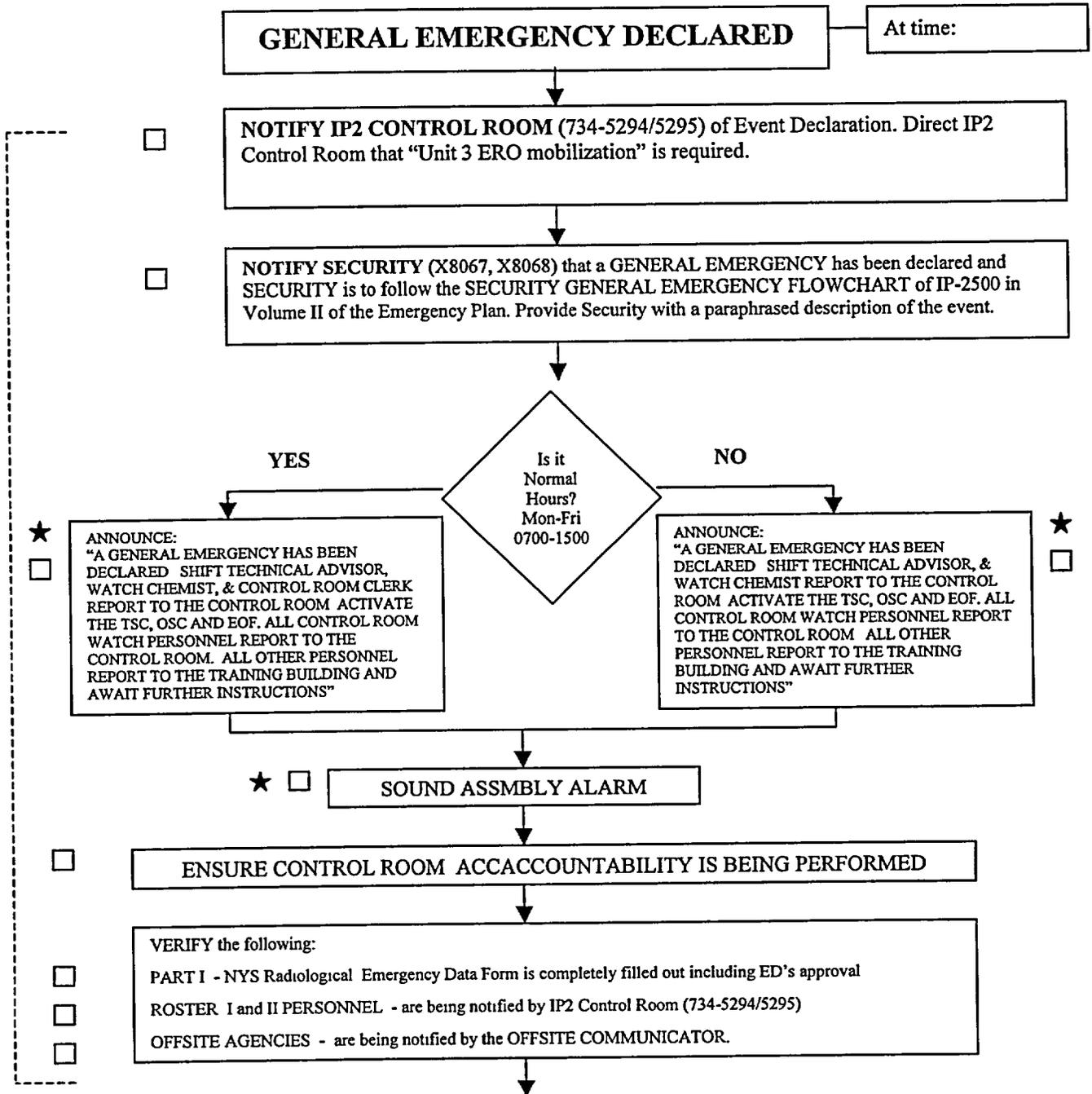
ENSURE:

- PART I is faxed to the State and Counties.
- NRC is notified. (If requested, complete Form #361.)
- Control Room is set up per IP-2000.
- Control Room Staffing Chart (EP-Form 4) is filled out and provisions are made for two shift staffing if required (second shift personnel shall have first shift assignments).
- Dispatched NPOs and Repair and Corrective Action Teams are being tracked (unless the OSC is tracking them).
- If SPDS is out of service, Forms 31a, 31b and 31c are faxed to the TSC every 15 minutes, not to exceed 30 minutes.
- OFFSITE AGENCIES are updated approximately every 30 minutes via RECS/FAX.
- SITE PERSONNEL are updated approximately every 30 minutes on emergency classification.
- ANI, NML, and INPO are notified.
- A status report on the staffing of the TSC, OSC and EOF is received.
- SEARCH AND RESCUE TEAMS are dispatched as needed per IP-1054.
- DOSE ASSESSMENT is being performed per IP-1001.
- EVACUATION of Non-Essential personnel is considered per IP-1053.
- Attachment 5.6 is used if transfer of the EOF to the AEOF is required.
- SECURITY has secured site access.
- KEEP TSC/OSC/EOF apprised of plant events (on going as well as mitigated), and CR decisions/activities in response to those events.

TURNOVER
TERMINATION / RECOVERY

- Refer to Attachment 5.5 to turnover ED responsibilities if required.
- Refer to IP-2600 to terminate NUE or turnover to Recovery Center as appropriate.

**ATTACHMENT 5.4
 GENERAL EMERGENCY FLOWCHART
 FOR
 THE CONTROL ROOM EMERGENCY DIRECTOR (ED)**



IMMEDIATE ACTIONS - SHALL BE COMPLETED WITHIN 15 MINUTES

See Page 2 for Follow-Up Actions

★ If in ONOP-SEC-1 THEN page in accordance with ONOP-SEC-1. DO NOT sound assembly alarm.

ATTACHMENT 5.4
GENERAL EMERGENCY FLOWCHART
FOR
THE CONTROL ROOM EMERGENCY DIRECTOR (ED)

FOLLOW-UP ACTIONS

ENSURE:

- PART I is faxed to the State and Counties.
- NRC is notified. (If requested, complete Form #361.)
- Control Room is set up per IP-2000.
- Control Room Staffing Chart (EP-Form 4) is filled out and provisions are made for two shift staffing if required (second shift personnel shall have first shift assignments).
- Dispatched NPOs and Repair and Corrective Action Teams are being tracked (unless the OSC is tracking them).
- If SPDS is out of service, Forms 31a, 31b and 31c are faxed to the TSC every 15 minutes, not to exceed 30 minutes.
- OFFSITE AGENCIES are updated approximately every 30 minutes via RECS/FAX.
- SITE PERSONNEL are updated approximately every 30 minutes on emergency classification.
- ANI, NML, and INPO are notified.
- A status report on the staffing of the TSC, OSC and EOF is received.
- SEARCH AND RESCUE TEAMS are dispatched as needed per IP-1054.
- DOSE ASSESSMENT is being performed per IP-1001.
- KI ASSESSMENT is performed for onsite personnel per IP-1019.
- EVACUATION of Non-Essential personnel is considered per IP-1053.
- Attachment 5.6 is used if transfer of the EOF to the AEOF is required.
- SECURITY has secured site access.
- KEEP TSC/OSC/EOF apprised of plant events (on going as well as mitigated), and CR decisions/activities in response to those events.



TURNOVER
TERMINATION / RECOVERY

- Refer to Attachment 5.5 to turnover ED responsibilities if required.
- Refer to IP-2600 to terminate NUE or turnover to Recovery Center as appropriate.

ATTACHMENT 5.5

EMERGENCY DIRECTOR TURNOVER CHECKLIST

When the CR ED is relieved by the EOF ED or another CR ED, the following checklist should be used to effectively turnover responsibilities:

CR ED (SM / POM):

POM or EOF ED:

Date: _____ Time: _____

The following items should be discussed:

1. Emergency Classification
2. Initiating Event
 - A. Date
 - B. Time
 - C. Cause
 - D. System(s) affected
3. Current status of:
 - A. Corrective actions
 - B. Plant Conditions
 - C. Radiological Conditions
 - D. Dose Assessment
 - E. Dose Projections
 - F. Met Data
 - G. Site Accountability
 - H. Site Evacuation

ATTACHMENT 5.5

EMERGENCY DIRECTOR TURNOVER CHECKLIST

4. Protective Action Recommendations (PARs)
5. Status of Offsite Notifications:
 - A. NYS/Counties
 - B. NRC: Headquarters and Residents
 - C. INPO
 - D. ANI
 - E. NML
6. Search and Rescue Team Status
7. Corrective Action Team Status
8. Security Readiness
9. Current Facilities Readiness
 - A. Current/Expected Level of Staffing
10. Actions Underway
11. Actions that need to be initiated
12. Plant prognosis
13. Other pertinent plant information

ATTACHMENT 5.6

RELOCATION TO THE AEOF CHECKLIST

IF the decision is made for the EOF to relocate to the AEOF (in the White Plains Office) and to turnover the control of the emergency to the CR, THEN the ED should follow this checklist.

Decision to relocate made by:

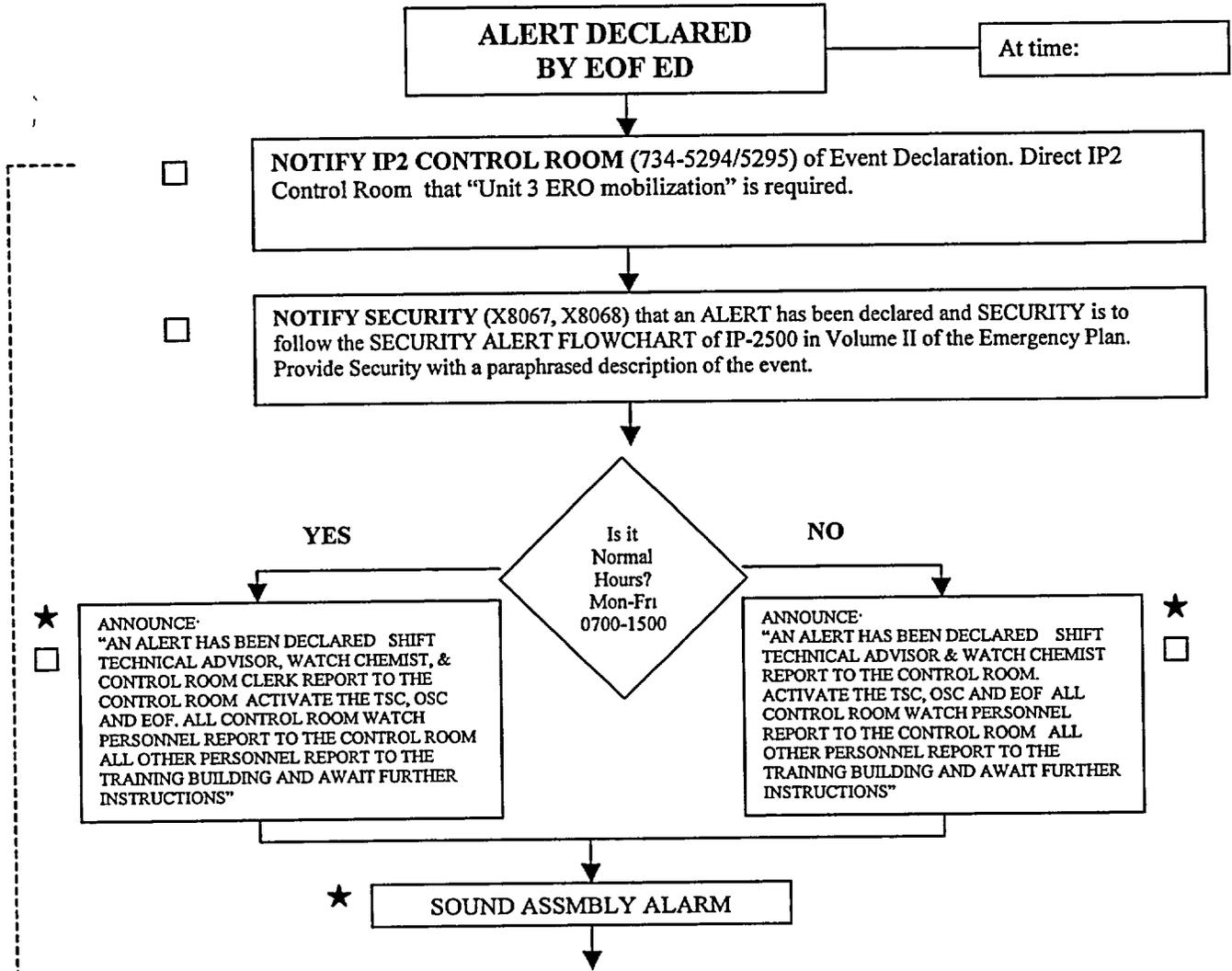
ED: _____

POM: _____

Date: _____ Time: _____

1. Using Attachment 5.5, "Emergency Director Turnover Checklist", TURN control of the emergency back to the ED/POM in the CR. _____
2. PRIOR to EOF evacuation, the ED/POM should ENSURE that the following positions are assigned in the CR:
 - A. Offsite Communicator (RECS Line)
 1. Security Officer
 - B. NRC Communicator (ENS Phone)
 1. Second Reactor Operator, if requested by NRC
 - C. Radiological Dose Assessment functions
 1. RATL
 2. Offsite Radiological Communicator
 - D. Public Relations
 1. Public Relations Liaison
 2. EOF Technical Advisor
3. ADVISE all Emergency Response Facilities (ERFs) of the relocation to the AEOF.
4. Upon arrival at the AEOF, ADVISE the EOF staff to implement IP-2400, "Emergency Activation of the AEOF".
5. When the AEOF can assume its responsibilities, RELIEVE the CR.
6. ADVISE all ERFs of the new command structure from the AEOF and any new communications links, (e.g., new phone numbers, fax numbers, etc.).

ATTACHMENT 5.7
ALERT FLOWCHART
FOR
THE CONTROL ROOM POM/SM WITH ED STAFFED AT EOF



See Page 2 for Follow-Up Actions

★ If in ONOP-SEC-1 THEN page in accordance with ONOP-SEC-1.

ATTACHMENT 5.7
ALERT FOWCHART
FOR
THE CONTROL ROOM POM/SM
WITH
ED STAFFED AT EOF

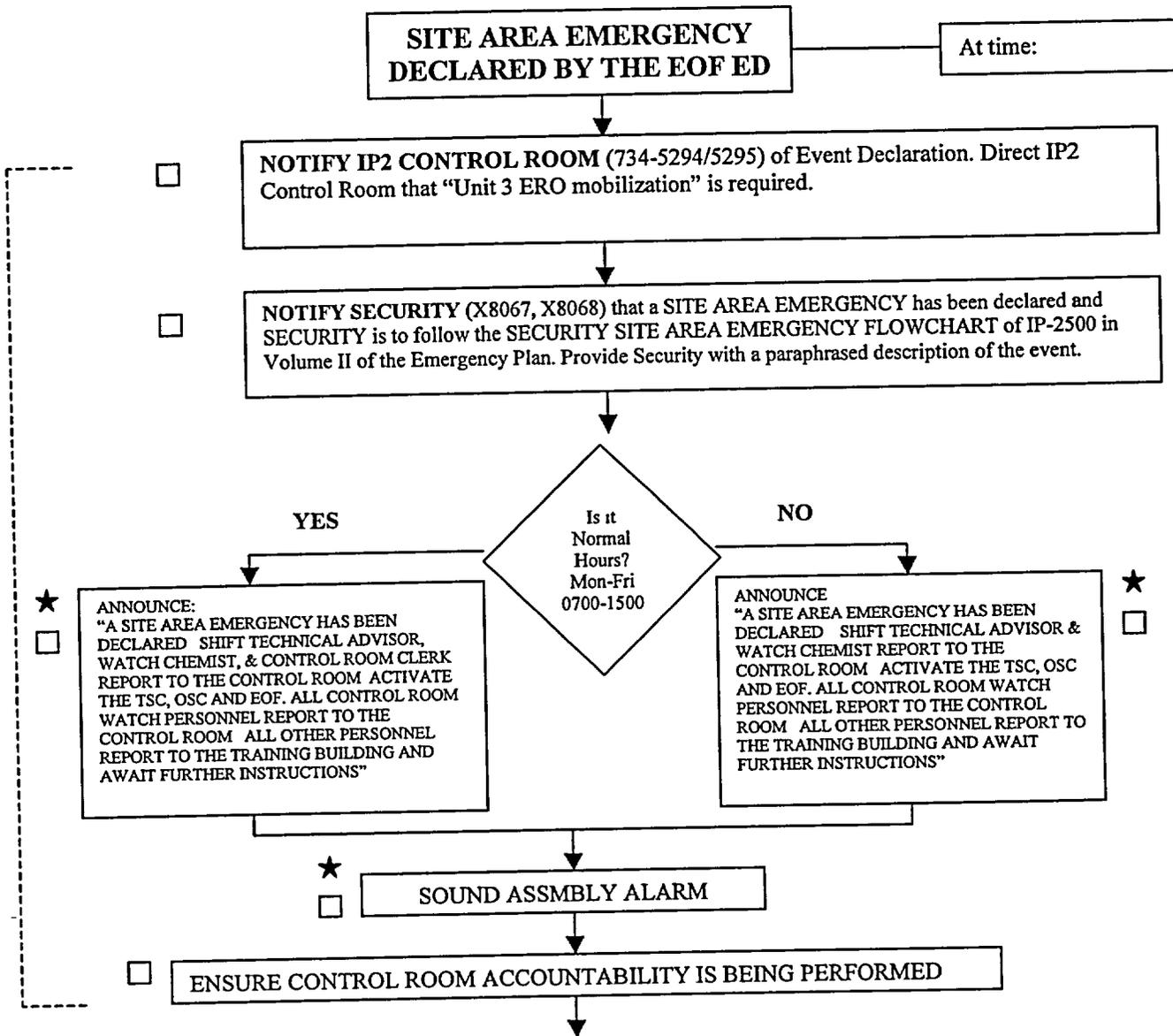
FOLLOW-UP ACTIONS

ENSURE:

- Control Room is set up per IP-2000.
- Control Room Staffing Chart (EP-Form 4) is filled out and provisions are made for two shift staffing if required (second shift personnel shall have first shift assignments).
- Dispatched NPOs and Repair and Corrective Action Teams are being tracked (Unless the OSC is tracking them).
- If SPDS is out of service, Forms 31a, 31b and 31c are faxed to the TSC every 15 minutes, not to exceed 30 minutes.
- SITE PERSONNEL are updated approximately every 30 minutes on emergency classification and relevant plant/safety conditions via PLANT PAGE.
- Keep OSC/TSC/EOF apprised of plant events (on going as well as mitigated), and CR decisions/activities in response to those events.

ATTACHMENT 5.8
SITE AREA EMERGENCY FLOWCHART
FOR
THE CONTROL ROOM POM/SM WITH ED STAFFED AT EOF

IMMEDIATE ACTIONS - SHALL BE COMPLETED WITHIN 15 MINUTES



See Page 2 for Follow-Up Actions

★ If in ONOP-SEC-1 THEN page in accordance with ONOP-SEC-1. DO NOT sound assembly alarm.

ATTACHMENT 5.8

SITE AREA EMERGENCY FOWCHART
FOR
THE CONTROL ROOM POM/SM
WITH
ED STAFFED AT EOF

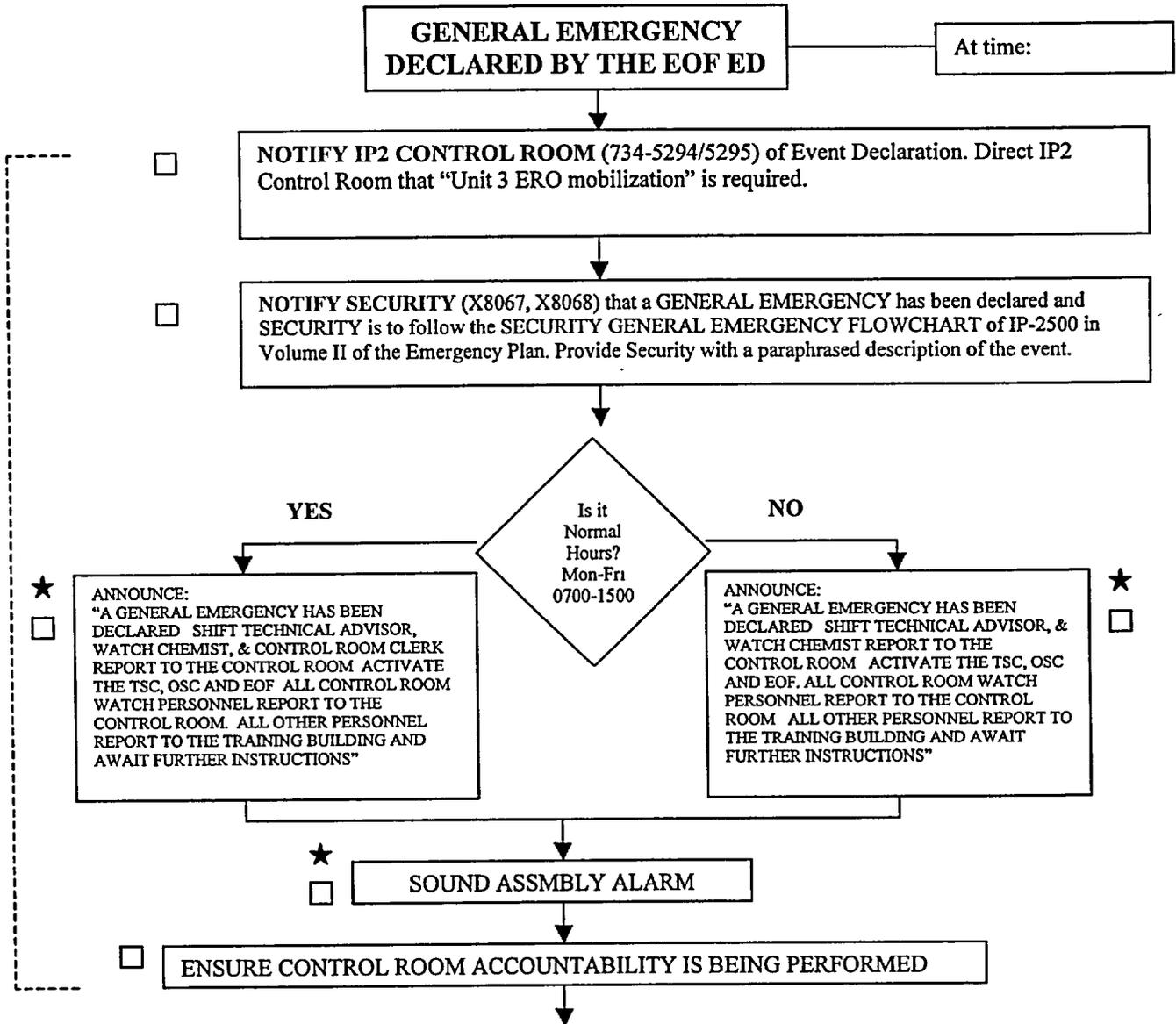
FOLLOW-UP ACTIONS

ENSURE:

- Control Room is set up per IP-2000.
- Control Room Staffing Chart (EP-Form 4) is filled out and provisions are made for two shift staffing if required (second shift personnel shall have first shift assignments).
- Dispatched NPOs and Repair and Corrective Action Teams are being tracked (Unless the OSC is tracking them).
- If SPDS is out of service, Forms 31a, 31b and 31c are faxed to the TSC every 15 minutes, not to exceed 30 minutes.
- SITE PERSONNEL are updated approximately every 30 minutes on emergency classification and relevant plant/safety conditions via PLANT PAGE.
- Attachment 5.6 is used if transfer of EOF to the AEOF is required.
- Keep OSC/TSC/EOF apprised of plant events (on going as well as mitigated), and CR decisions/activities in response to those events.

ATTACHMENT 5.9
GENERAL EMERGENCY FLOWCHART
FOR
THE CONTROL ROOM POM/SM WITH ED STAFFED AT EOF

IMMEDIATE ACTIONS - SHALL BE COMPLETED WITHIN 15 MINUTES



See Page 2 for Follow-Up Actions

★ If in ONOP-SEC-1 THEN page in accordance with ONOP-SEC-1. DO NOT sound assembly alarm.

ATTACHMENT 5.9

GENERAL EMERGENCY FLOWCHART
FOR
THE CONTROL ROOM POM/SM
WITH
ED STAFFED AT EOF

FOLLOW-UP ACTIONS

ENSURE:

- Control Room is set up per IP-2000.
- Control Room Staffing Chart (EP-Form 4) is filled out and provisions are made for two shift staffing if required (second shift personnel shall have first shift assignments).
- Dispatched NPOs and Repair and Corrective Action Teams are being tracked (Unless the OSC is tracking them).
- If SPDS is out of service, Forms 31a, 31b and 31c are faxed to the TSC every 15 minutes, not to exceed 30 minutes.
- SITE PERSONNEL are updated approximately every 30 minutes on emergency classification and relevant plant/safety conditions via PLANT PAGE.
- Attachment 5.6 is used if transfer of EOF to the AEOF is required.
- Keep OSC/TSC/EOF apprised of plant events (on going as well as mitigated), and CR decisions/activities in response to those events.

ATTACHMENT 5.10

PLANT OPERATIONS MANAGER (POM) FLOWCHART FOR
SEVERE ACCIDENT MANAGEMENT (SAM)

1. When the Control Room transitions from the EOPs to SACRG-1, ENSURE the TSC SAM Evaluators are ready to take over Severe Accident Management control.
2. Once the TSC SAM Evaluators are ready to take over Severe Accident Management control, ANNOUNCE yourself as the Severe Accident Management Decision Maker.
3. COMMUNICATE with the SAM Evaluators which SAM guidance should be implemented. This can be done via the following methods:
 - telephone
 - going to the TSC
 - having the SAM Evaluators report to the Control Room
4. NOTIFY the Emergency Director (ED) which guidance will be implemented. If the guidance involved a release to the environment, ENSURE the ED discusses this with the Radiological Assessment Team Leader (RATL) and the State/Counties prior to implementation.

ATTACHMENT 5.11
SM/POM's ACTIONS FOR AN IP2 EVENT

IP2 EVENT

IP3 ACTION

NUE DECLARED

- Provide updates to IP3 personnel on the IP2 status via the plant page, as possible.

ALERT DECLARED

- Determine if this event is a common event for both Unit 2 and Unit 3. If yes, follow appropriate procedures for event declaration.
- Sound Site Assembly Alarm and make the following plant page announcement:
"Attention all personnel, an Alert at Indian Point 2 has been declared. All control room watch personnel report to the control room, all essential personnel report to your emergency response facilities, all non-essential personnel to report to the training building." Repeat.
Notify the Lead Accountability Officer (8070/8055) that an Alert was declared and what time that declaration was made.
- Provide updates to IP3 personnel on the IP2 status via plant page, as possible.
- Consider restricting access to IP3 site. Notify Security (8067/8068).

SAE DECLARED

- Determine if this event is a common event for both Unit 2 and Unit 3. If yes, follow appropriate procedures for event declaration.
- Sound Site Assembly Alarm and make the following plant page announcement:
"Attention all personnel, a Site Area Emergency at Indian Point 2 has been declared. All control room watch personnel report to the control room, all essential personnel report to your emergency response facilities, all non-essential personnel report to the training building." Repeat.
Notify the Lead Accountability Officer (8070/8055) that a SAE was declared and what time that declaration was made.
- Utilize Roster II to contact needed support personnel. Notify Security at 8067/8068 to contact those individuals requested.
- Restrict access to the IP3 site - Notify Security to allow emergency response personnel access.
- Determine impact of IP2 event on IP3 personnel (IP-1040). Consider radiological, chemical, security, fire, etc.
- Provide updates to the IP3 personnel on the IP2 status via plant page, as possible.
- Consider evacuating non-essential personnel from IP3 site (IP-1053). Notify Security (8067/8068).

ATTACHMENT 5.11
SM/POM' sACTIONS FOR AN IP2 EVENT

IP2 EVENT

GE DECLARED

IP3 ACTION

- Same as SAE except:
 - PA announcement should state "General Emergency"
 - Notify the Lead Accountability Officer (8070/8055) that a GE was declared and what time that declaration was made.
 - Evacuate non-essential personnel from IP3 site (IP-1053). Determine route of exit. Notify Security (8067/8068).