

Entergy

Indian Point 3

AP-18.1

Attachment 1

Revision 10

Page 1

		CONTROLLED DOCUMENT TRANSMITTAL FORM	
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Entergy Nuclear Northeast
 Entergy Nuclear Operations, Inc.
 Indian Point 3 NPP
 P.O. Box 308
 Buchanan, NY 10511
 Tel 914 736 8000

26929

TO: NRC - Doc Control Desk CONTROL COPY NO.: 25
 FROM: EMERGENCY PLANNING DATE: 5/30/02
 SUBJECT: Emergency Response Activation Implementing Procedures

The enclosed revisions are for your controlled copy of the IP-3 Emergency Plan. Please discard old sheets, insert new sheets, initial/date this transmittal and return it to the IP-3 DOCUMENTS DEPARTMENT. If you have any questions regarding these changes, call Emergency Planning (x8404/x8318).

Thank you.

Volume II - Emergency Response Activation Implementing Procedures

<u>Old</u>			<u>New</u>		
Table of Contents	Vol. II	03/15/02	Table of Contents	Vol. II	5/02
IP-2001	Rev. 14	03/06/02	IP-2001	Rev. 15	5/30/02
IP-2500	Rev. 10	01/23/02	IP-2500	Rev. 11	5/30/02

I acknowledge the receipt of these revisions to the IP-3 Emergency Plan.

 (Signature)

 (Date)



26929

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Indian Point 3 NPP
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Thank you.

Volume III - Emergency Planning Implementing Procedures

<u>OLD</u>			<u>NEW</u>		
Table of Contents		4/15/02	Table of Contents		5/02
IP-1076	Rev. 25	9/14/01	IP-1076	Rev. 26	5/30/02

I acknowledge the receipt of these revisions to the IP-3 Emergency Plan.

(Signature) _____ (Date) _____

ENTERGY NUCLEAR NORTHEAST
 INDIAN POINT NO. 3 NUCLEAR POWER PLANT
 EMERGENCY PLAN - VOLUME III
IMPLEMENTING PROCEDURES

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ENTERGY NUCLEAR NORTHEAST
 INDIAN POINT NO. 3 NUCLEAR POWER PLANT
 EMERGENCY PLAN - VOLUME III
IMPLEMENTING PROCEDURES

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

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

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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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 <u>ALTERNATE EMERGENCY OPERATIONS FACILITY (AEOF)</u>				
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APPENDIX 'B'	- Emergency Offsite Telephone List	1/02		
APPENDIX 'C'	- Emergency Response Facility Telephone List	3/02		



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EMERGENCY PLAN PROCEDURES

PROCEDURE NO. IP-2001 REV. 15

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

THIS PROCEDURE IS TSR

THIS PROCEDURE IS NOT TSR

WRITTEN BY: Daria Weaver 5/28/02
SIGNATURE/DATE

REVIEWED BY: Maureen Wilson 5/29/02
SIGNATURE/DATE

APPROVED BY: [Signature] 5/29/02
SIGNATURE/DATE

EFFECTIVE DATE: 5/30/02

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 site accountability is being accomplished if required, unless the EOF has assumed ED responsibilities.
 - I. 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.

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"
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- 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 IP3's Actions for an IP2 Event

END OF TEXT

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

NUE DECLARED At time:

NOTIFY IP2 CONTROL ROOM of Event Declaration. Direct IP2 Control Room to:

- Notify Unit 3 ERO (Roster I)
- OR**
- Mobilize Unit 3 ERO if needed.

NOTIFY SECURITY (X8067, X8068) that a NUE has been declared and SECURITY is to follow the SECURITY NUE FLOWCHART of IP-2500 in Volume II of the Emergency Plan. Provide Security with a paraphrased description of the event.

Is it Normal Hours?
Mon-Fri
0700-1500

YES

ANNOUNCE:
"A NUE HAS BEEN DECLARED. SHIFT TECHNICAL ADVISOR, WATCH CHEMIST, & CONTROL ROOM CLERK REPORT TO THE CONTROL ROOM."

NO

ANNOUNCE:
"A NUE HAS BEEN DECLARED. SHIFT TECHNICAL ADVISOR & WATCH CHEMIST REPORT TO THE CONTROL ROOM."

VERIFY the following:

- PART I - NYS Radiological Emergency Data Form is completely filled out including ED's approval.
- ROSTER I PERSONNEL - Have responded to notification by contacting SECURITY (X8067, X8068).
- OFFSITE AGENCIES - are being notified by the OFFSITE COMMUNICATOR.

See Page 2 for Follow-Up Actions

IMMEDIATE ACTIONS - SHALL BE COMPLETED WITHIN 15 MINUTES

A

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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*

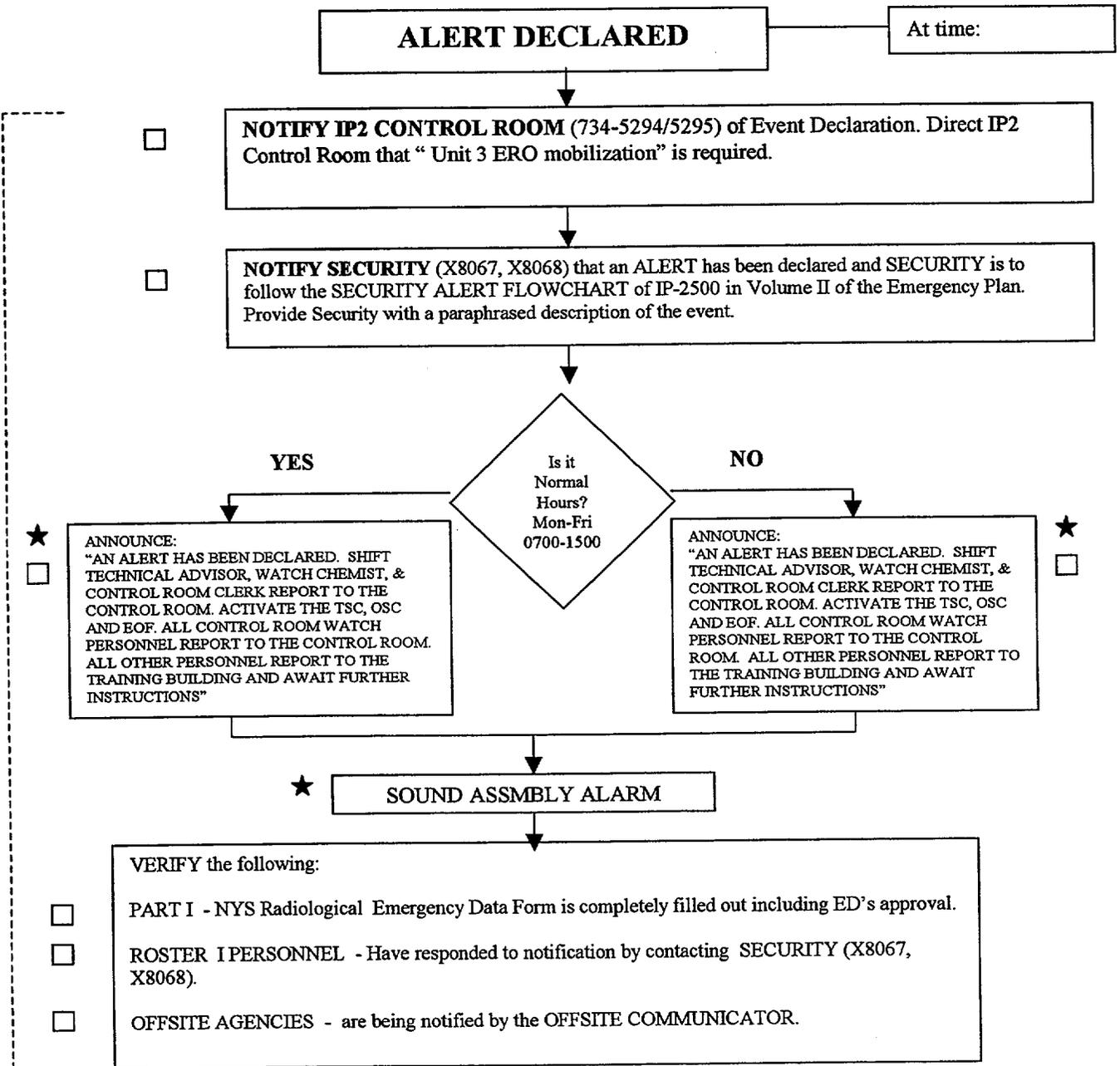
-
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Refer to Attachment 5.5 to turnover ED responsibilities if required.

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.

A

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D

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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)**

SITE AREA EMERGENCY DECLARED — At time:

NOTIFY IP2 CONTROL ROOM (734-5294/5295) of Event Declaration. Direct IP2 Control Room that "Unit 3 ERO mobilization" is required.

NOTIFY SECURITY (X8067, X8068) that a SITE AREA EMERGENCY has been declared and SECURITY is to follow the SECURITY SITE AREA EMERGENCY FLOWCHART of IP-2500 in Volume II of the Emergency Plan. Provide Security with a paraphrased description of the event.

Is it Normal Hours?
Mon-Fri
0700-1500

YES

★ ANNOUNCE:
"A SITE AREA EMERGENCY HAS BEEN DECLARED. SHIFT TECHNICAL ADVISOR, WATCH CHEMIST, & CONTROL ROOM CLERK REPORT TO THE CONTROL ROOM. ACTIVATE THE TSC, OSC AND EOF. ALL CONTROL ROOM WATCH PERSONNEL REPORT TO THE CONTROL ROOM. ALL OTHER PERSONNEL REPORT TO THE TRAINING BUILDING AND AWAIT FURTHER INSTRUCTIONS"

NO

★ ANNOUNCE:
"A SITE AREA EMERGENCY HAS BEEN DECLARED. SHIFT TECHNICAL ADVISOR, WATCH CHEMIST, & CONTROL ROOM CLERK REPORT TO THE CONTROL ROOM. ACTIVATE THE TSC, OSC AND EOF. ALL CONTROL ROOM WATCH PERSONNEL REPORT TO THE CONTROL ROOM. ALL OTHER PERSONNEL REPORT TO THE TRAINING BUILDING AND AWAIT FURTHER INSTRUCTIONS"

★ SOUND ASSMBLY ALARM

VERIFY the following:

- PART I - NYS Radiological Emergency Data Form is completely filled out including ED's approval.
- ROSTER I and II PERSONNEL - are being notified by IP2 Control Room (734-5294/5295).
- OFFSITE AGENCIES - are being notified by the OFFSITE COMMUNICATOR.

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)

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.

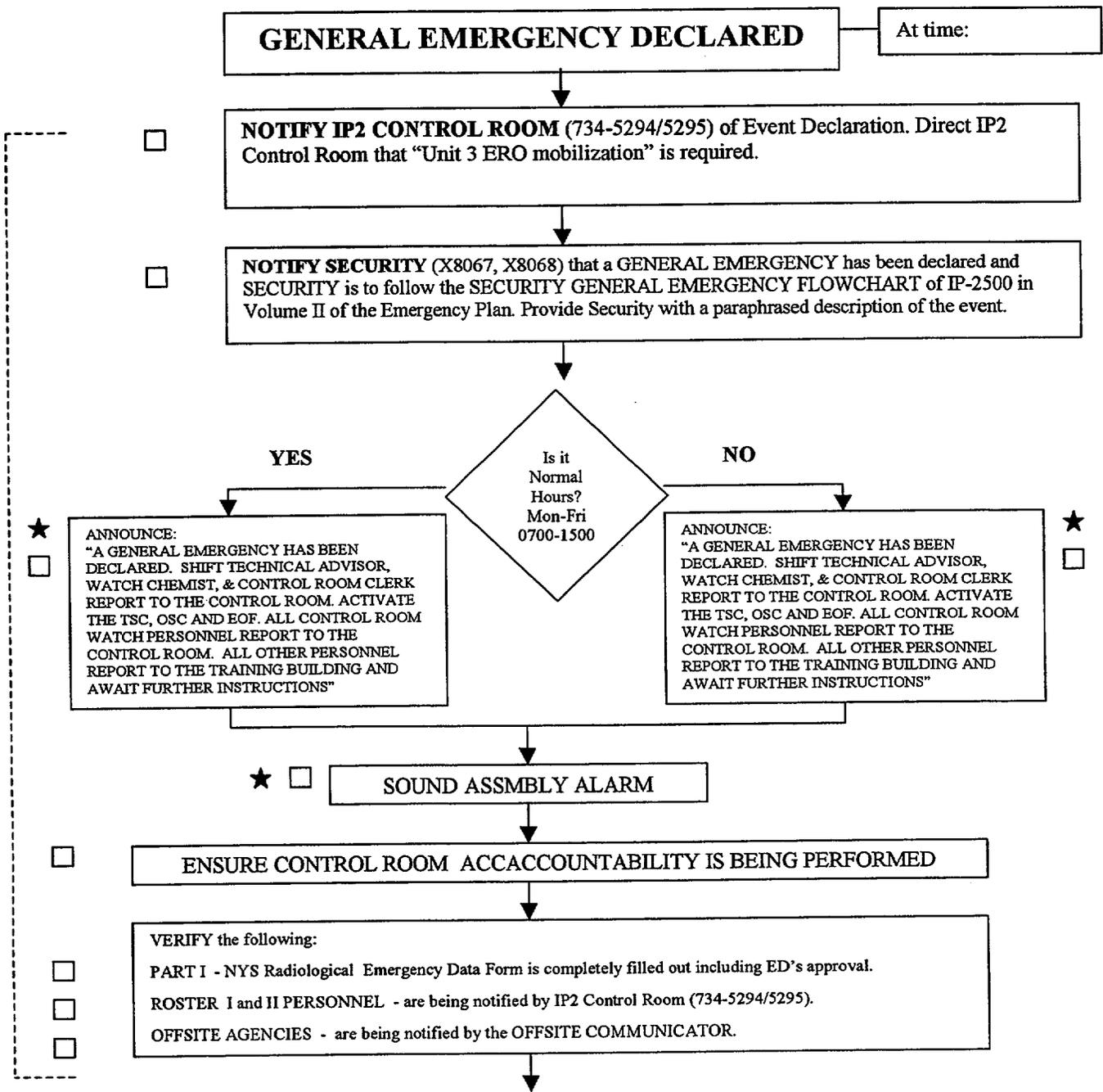
FOLLOW-UP ACTIONS

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.

TURNOVER
TERMINATION / RECOVERY

**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:

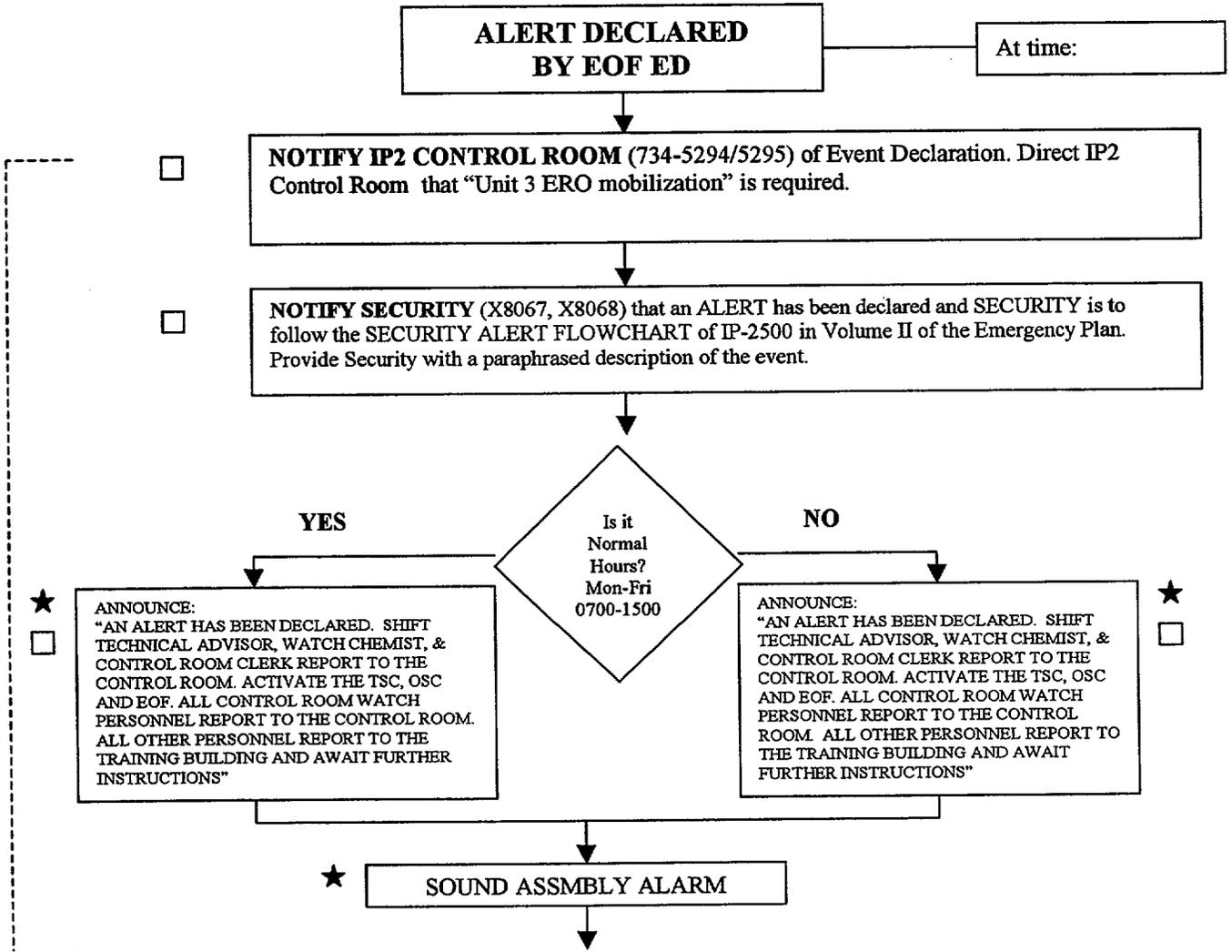
ED: _____

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**



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 5.7

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

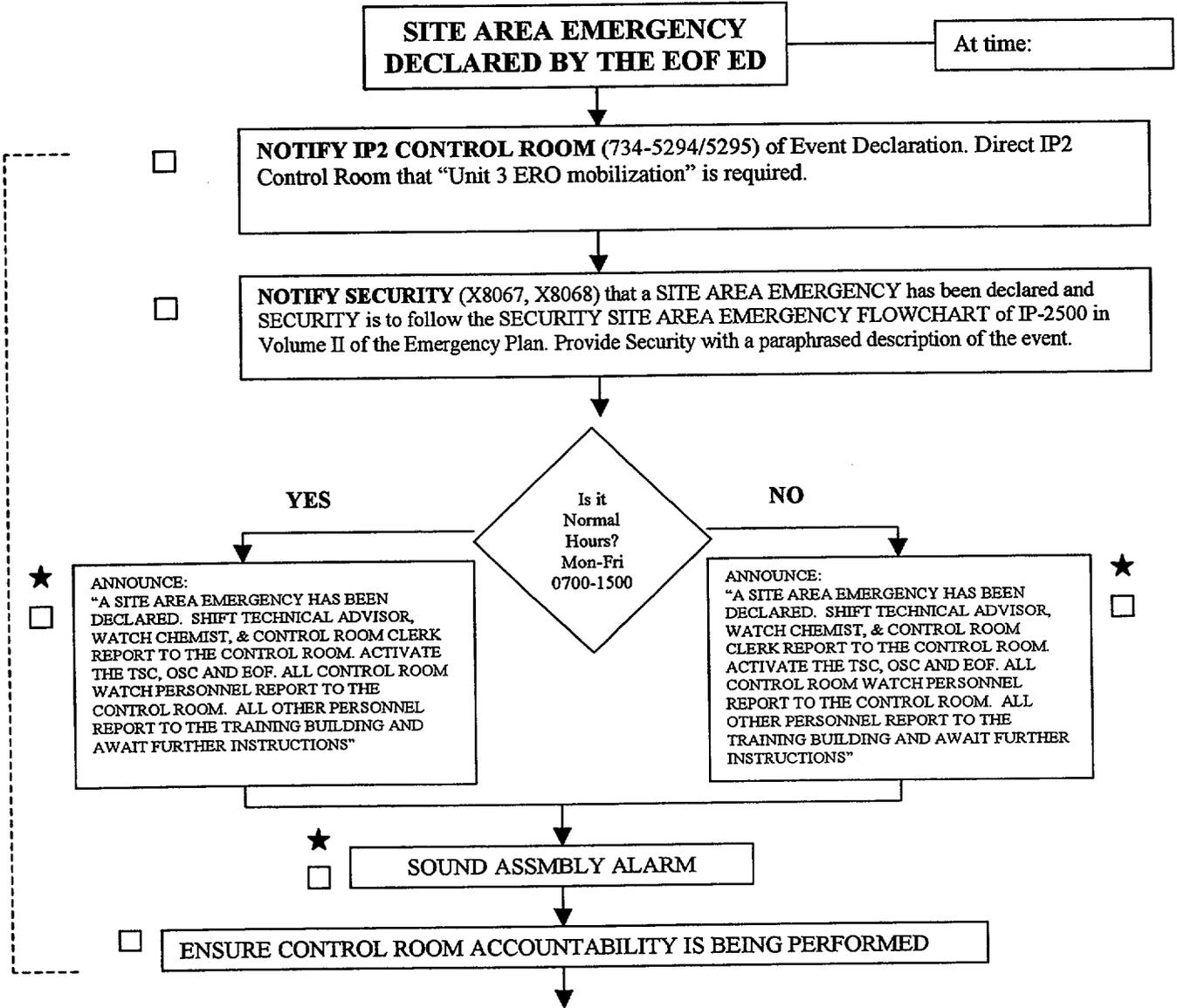
FOLLOW-UP ACTIONS

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**

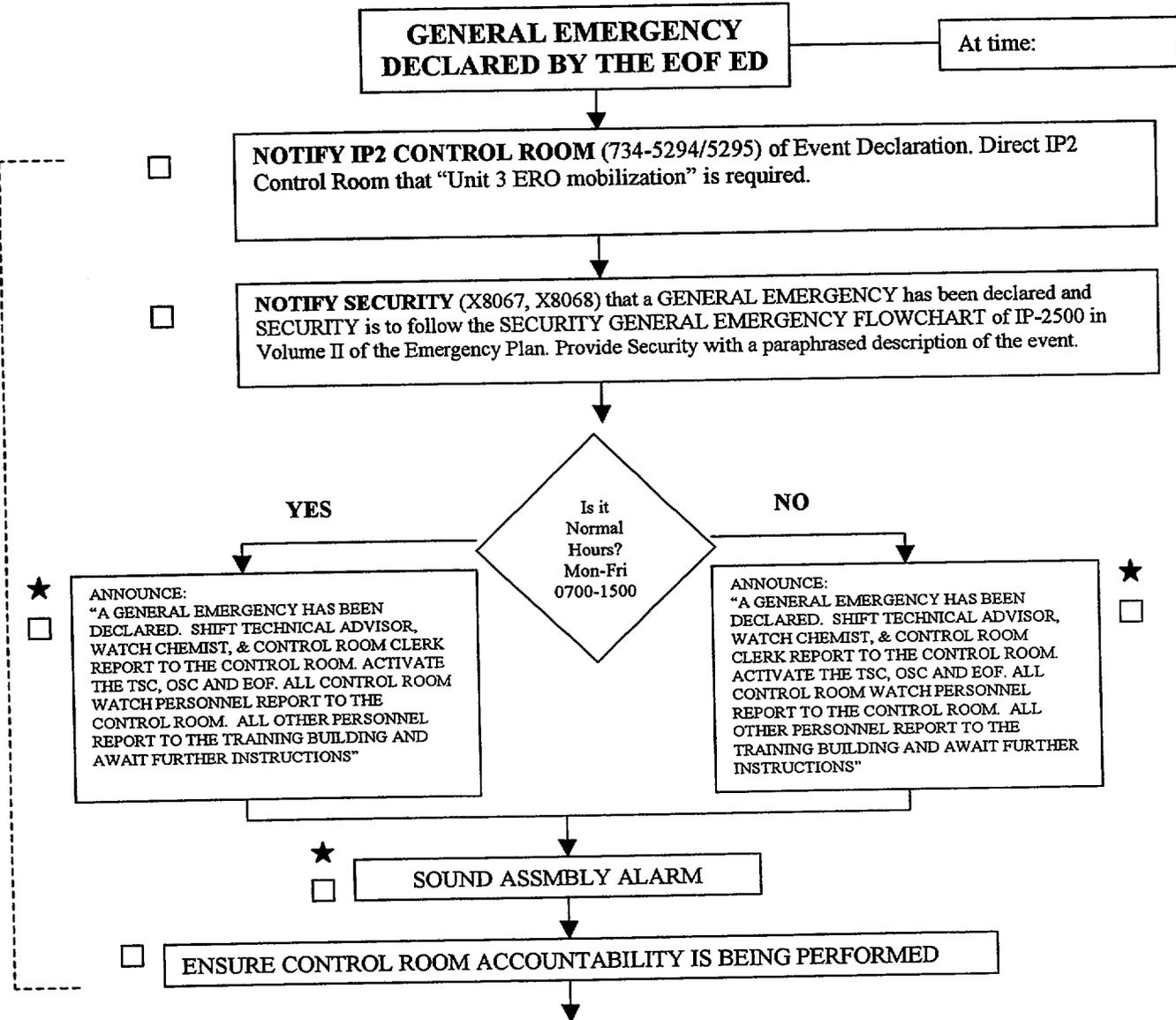
FOLLOW-UP ACTIONS

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
IP3'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.
If Accountability has been called for, notify the Lead Accountability Officer (8070/8055)
- 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.
- 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).

GE DECLARED

- Same as SAE except:
 - PA announcement should state "General Emergency"
 - evacuate non-essential personnel from IP3 site (IP-1053). Determine route of exit. Notify Security (8067/8068).

ID

IA
ID

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CONTROLLED COPY #: 25

EMERGENCY PLAN PROCEDURES

PROCEDURE NO. IP-2500 REV. 11

TITLE: SECURITY EMERGENCY ACTIVATION RESPONSIBILITIES

"This procedure has been extensively revised"

THIS PROCEDURE IS TSR

THIS PROCEDURE IS NOT TSR

WRITTEN BY: Dana Weaver 5/28/02
SIGNATURE/DATE

REVIEWED BY: Naughton Wilson 5/29/02
SIGNATURE/DATE

APPROVED BY: [Signature] 5/29/02
SIGNATURE/DATE

EFFECTIVE DATE: 5/30/02

PROCEDURE USE IS
REFERENCE

SECURITY EMERGENCY ACTIVATION
RESPONSIBILITIES

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5.5	Notifications for Security Events	

IP-2500

SECURITY EMERGENCY ACTIVATION
RESPONSIBILITIES

1.0 PURPOSE

- 1.1 The purpose of this procedure is to provide guidance for Security in response to an Emergency Activation or Test request.

2.0 RESPONSIBILITIES

2.1 The SECURITY SHIFT SUPERVISOR(SSS) is responsible for

- A. Initial security emergency functions.
- B. Ensuring control of site access and egress.
- C. Establishing site accountability.
- D. Providing facility security support (e.g., Emergency Operations Facility (EOF), Joint News Center (JNC), etc.).
- E. Ensuring the Public Address (P.A.) speakers are turned up in the Command Post and Central Alarm Station (CAS).
- F. Ensuring offsite vehicles are escorted if required by IP-1021, "Radiological Medical Emergency" and/or IP-1055, "Fire Emergency Response".

2.2 The CAS SECURITY OFFICER is responsible for

- A. Ensuring the Secondary Alarm Station (SAS) is updated on information passed over the P.A. system.
- B. Ensuring that notifications are logged in the EP Security CAS Position Book log sheets.

3.0 REFERENCES

- 3.1 IP-1021, "Radiological Medical Emergency"
- 3.2 IP-1050, "Accountability"
- 3.3 IP-1055, "Fire Emergency Response"

4.0 PROCEDURE

- 4.1 The CAS Security Officer shall follow the appropriate flowchart (Attachments 5.1 - 5.5) as directed.
- 4.2 The following guidance is provided to clarify roster notification requirements found on the flowcharts:

- A. If the flowchart for an ALERT or higher emergency classification has been completed, all of Roster I and II, Indian Point (IP) Communications Representative and offsite agencies, except the Recovery Support Group Manager (RSGM), will be responding to their facilities. Therefore, the only notification required in these instances is to individually keep the Recovery Support Group Manager.

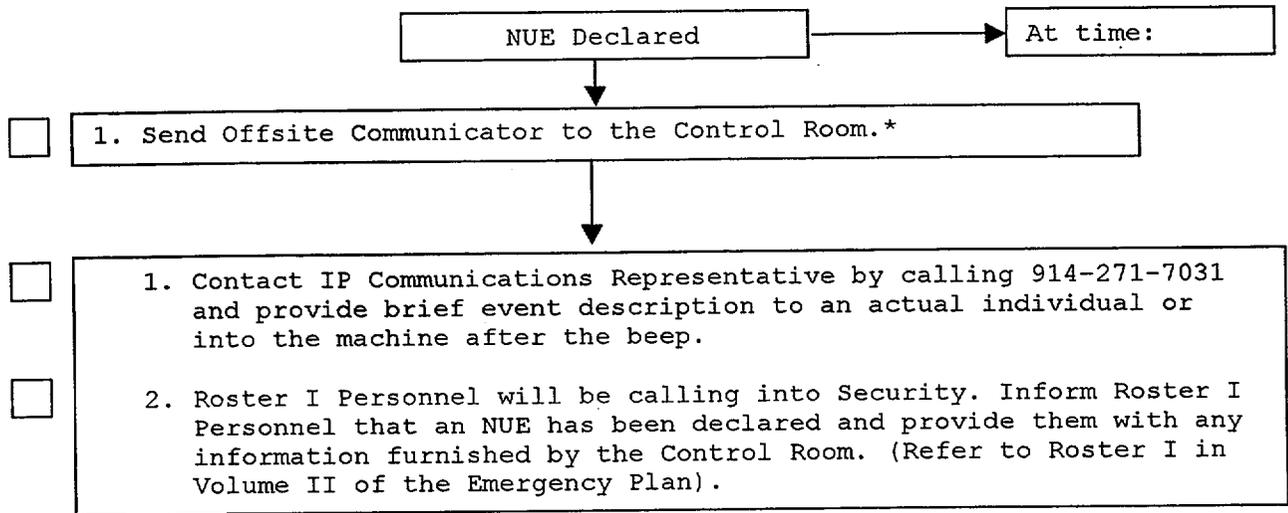
4.3 Attachment 5.5, "Notifications for Security Events", is used when a Security Event has occurred or there has been notification of a credible threat.

5.0 ATTACHMENTS

- 5.1 Notification of Unusual Event (NUE) Security CAS Flowchart
- 5.2 Alert Security CAS Flowchart
- 5.3 Site Area Emergency (SAE) Security CAS Flowchart
- 5.4 General Emergency (GE) Security CAS Flowchart
- 5.5 Notifications for Security Events

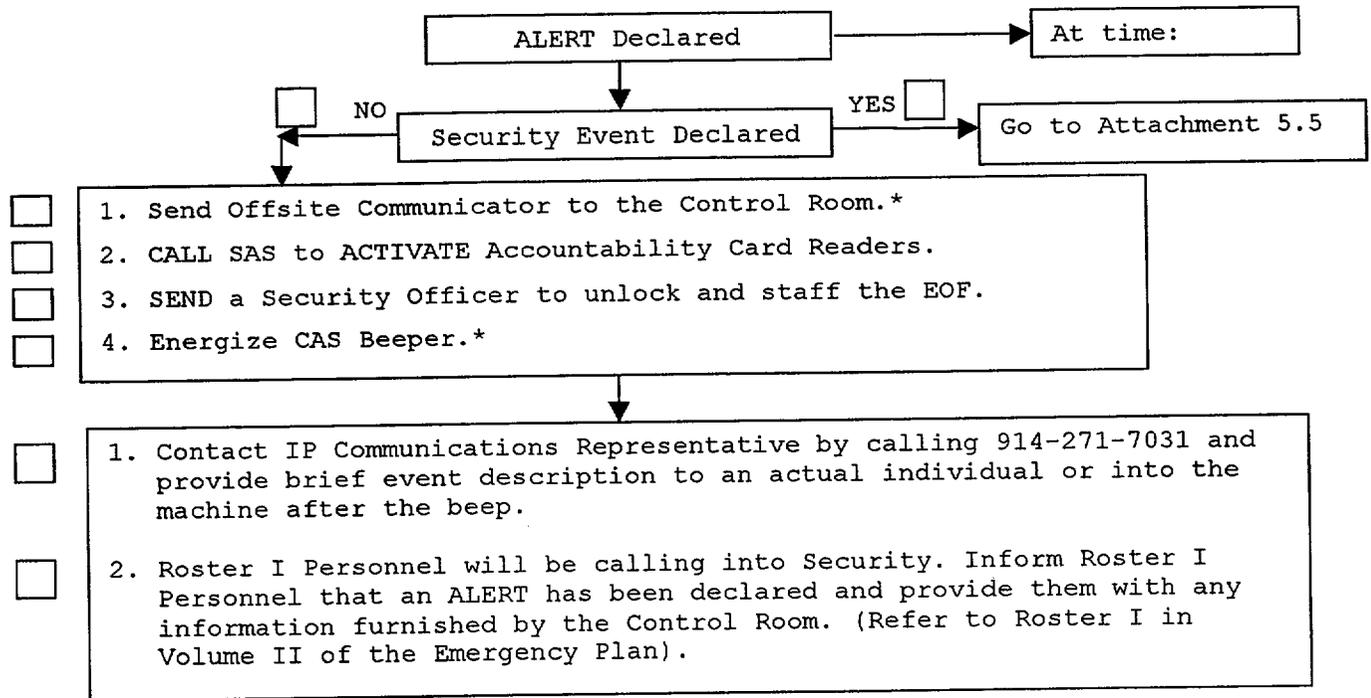
END OF TEXT

ATTACHMENT 5.1
NOTIFICATION OF UNUSUAL EVENT (NUE)
SECURITY CAS FLOWCHART



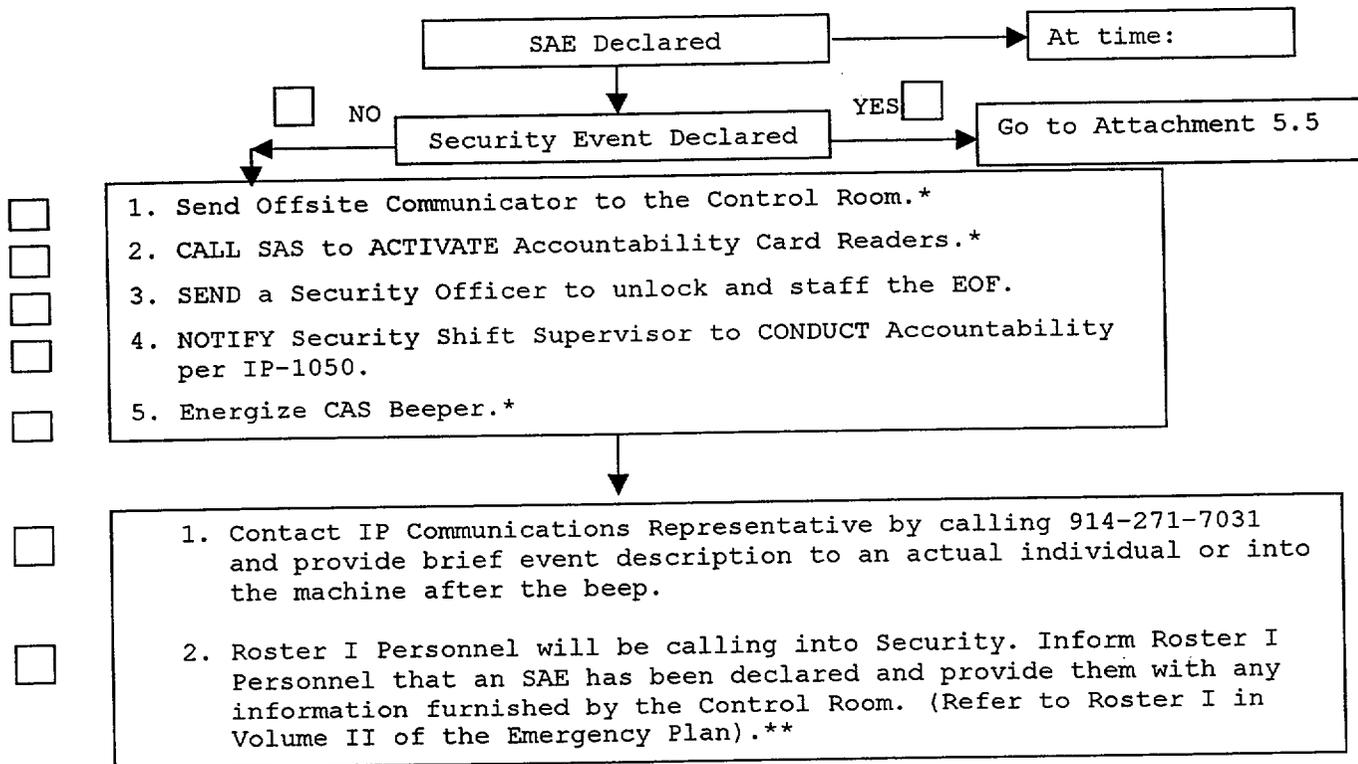
*If a security event is occurring, then notify the Control Room that the Offsite Communicator is not available.

ATTACHMENT 5.2
ALERT
SECURITY CAS FLOWCHART



* Not required if already performed for a lower level emergency classification.

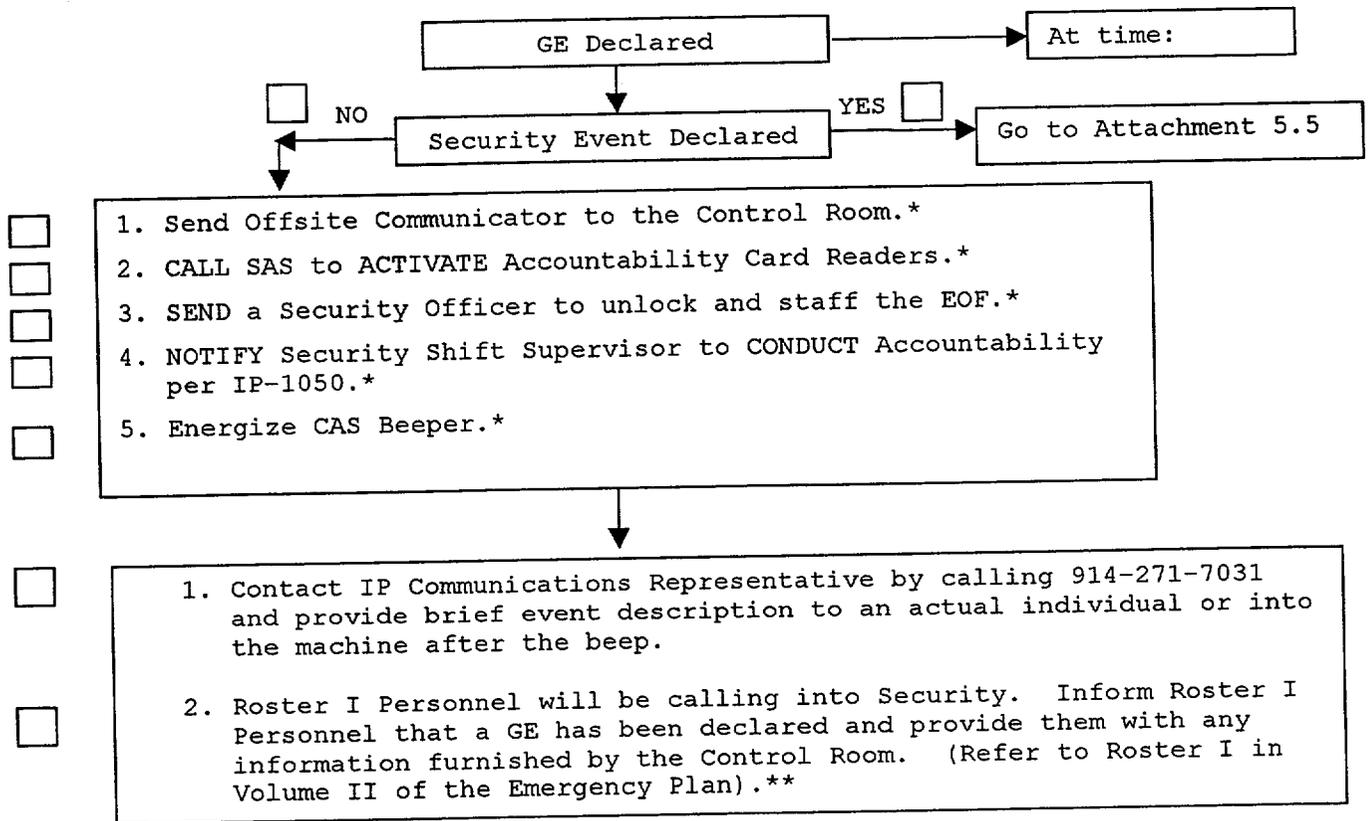
ATTACHMENT 5.3
SITE AREA EMERGENCY (SAE)
SECURITY CAS FLOWCHART



* Not required if already performed for a lower level emergency classification.

** IF an ALERT was previously declared, THEN ONLY beep the Recovery Support Group Manager (Refer to Appendix C, Recovery Support Group Corporate Call List in Volume II, of the Emergency Plan).

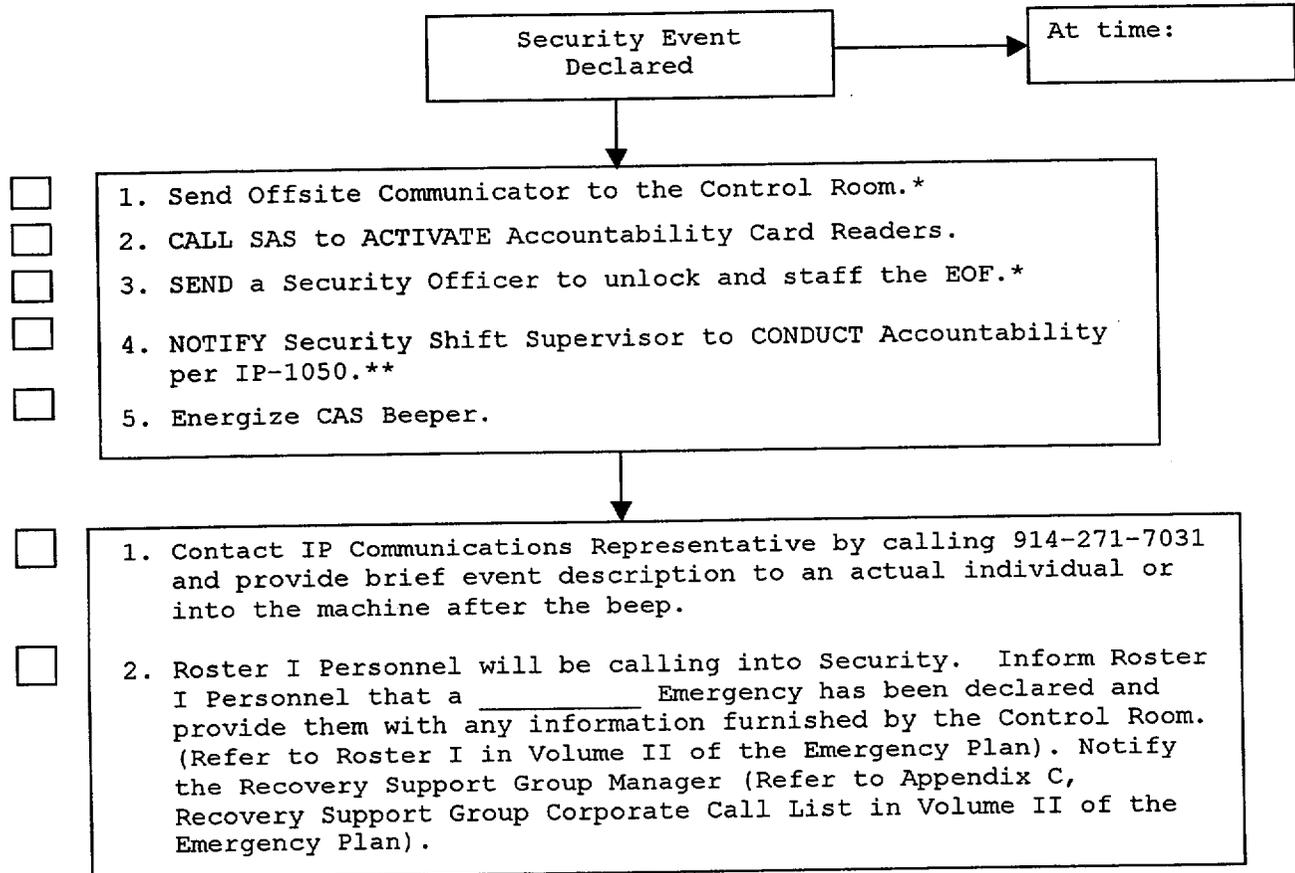
ATTACHMENT 5.4
GENERAL EMERGENCY (GE)
SECURITY CAS FLOWCHART



* Not required if already performed for a lower level emergency classification.

** IF an ALERT or SAE was previously declared, THEN ONLY beep the Recovery Support Group Manager (REFER to Appendix C, Recovery Support Group Call List in Volume II, of the Emergency Plan).

ATTACHMENT 5.5
NOTIFICATIONS FOR SECURITY EVENTS



* Notify the Control Room if the Offsite Communicator is not available. Notify the EOF Onsite Rad. Communicator (App. C, Vol. II of E-Plan) that Security is not available.

** If accountability is suspended, then perform these activities when directed by Emergency Director (ED).



CONTROLLED COPY #: 25

EMERGENCY PLAN PROCEDURES

PROCEDURE NO. IP-1076 REV. 26

TITLE: ROSTER NOTIFICATION METHODS

"This procedure has been extensively revised"

THIS PROCEDURE IS TSR

THIS PROCEDURE IS NOT TSR

WRITTEN BY: Darin Weaver 5/29/02
SIGNATURE/DATE

REVIEWED BY: Margaret Wilson 5/29/02
SIGNATURE/DATE

APPROVED BY: [Signature] 5/29/02
SIGNATURE/DATE

EFFECTIVE DATE: 5/30/02

PROCEDURE USE IS
REFERENCE

IP-1076

ROSTER NOTIFICATION METHODS

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5.0	Attachments	None

IP-1076

ROSTER NOTIFICATION METHODS

1.0 PURPOSE

The purpose of this procedure is to delineate the expected responses of Emergency Response Organization (ERO) members to a notification by the Dialogic Notification System or other backup systems for both a test and an emergency.

2.0 RESPONSIBILITIES

2.1 All ERO members are responsible for responding promptly to a notification from the Dialogic Notification System or backup system. In an emergency, if unable to respond to the system, ERO members are expected to report to their emergency facility without delay.

2.2 ERO personnel with pagers are responsible for adhering to the pager handling instructions of this procedure.

2.2 The Emergency Planning (EP) group is responsible for maintaining current Rosters with qualified personnel and accurate telephone numbers.

3.0 REFERENCES

- 3.1 Emergency Plan, Volume II, Appendix "A", Rosters I and II
- 3.2 Emergency Plan Administrative Procedures, EP-ADM-08, Attachment 5.2

4.0 PROCEDURE

NOTE

For a Unit 3 event, the Unit 3 Control Room will direct the activation of the Dialogic Notification System by contacting Unit 2 Control Room personnel to activate the system.

4.1 The Dialogic Notification System

A. The Dialogic Notification System will be the primary means for contacting the ERO to respond to an emergency at the site. When notified by the Unit 3 Control Room, the Unit 2 Control Room Communicator initiates the Dialogic Notification System. The Unit 2 Control Room Communicator enters a predetermined ID Code and scenario activation code to activate the system, which then notifies ERO members to respond to the event.

B. For testing purposes, successful ERO response through activation of Dialogic is obtained when at least the number of qualified ERO members for each position listed as per

Attachment 5.2, of EP-ADM-08 are notified. These members are capable of responding to assigned ERO facilities within sixty minutes of the simulated announcement of an Alert or higher emergency classification.

- C. The Pager Notification System (PNS) is a method used in coordination with Dialogic to contact Emergency Response Organization personnel when facility activation is required. Key station personnel are assigned pagers that alarm when the pager system is activated. In an actual emergency, activated pagers would display a code, which directs ERO members to call into the Dialogic system to receive information about the emergency.
- D. ERO positions that must respond to meet procedurally mandated minimum facility staffing requirements are listed in Attachment 5.2, of EP-ADM-08 and the IP2 IP-1011, Joint News Center/IP3 JNC Operations Manual. This is the minimum staffing prescribed by IP-2201, Operations Support Center (OSC), IP-2301, Emergency Operations Facility (EOF), IP2 IP-1011, Joint News Center/IP3 JNC Operations Manual and IP-2101, Technical Support Center (TSC).

100% ERO response to fill these positions is not required to successfully pass the test. The Emergency Planning Manager will review the response of these positions and determine if an additional test should be conducted or other actions taken to ensure the Emergency Response Organization can be properly activated. The following items should be considered when analyzing test results for further action:

- a. Most procedurally required positions should be filled.
- b. On-call team positions should be filled.
- c. Trends should be noted and tracked to identify if any one position or individual is a potential problem.
- d. Ensure Minimum Staffing is met.

4.2 Pager Handling Instructions

NOTE

All ERO Members assigned a pager are required to have their pagers in their possession and in the ON position at all times.

- A. Pagers are the primary means of notification to the ERO in coordination with the Dialogic Notification System.
- B. To page an individual pager, perform the following using a touch tone phone:
 - 1. If onsite at IP3:

- a. DIAL PAGE (7243) and listen to the instructions.
 - b. DIAL the pager number to be activated.
 - c. LISTEN to the beeps.
 - d. ENTER the number you wish the party to call followed by the # key.
 - e. HANG UP.
2. If other than onsite at IP3 (or back-up method to onsite):
- a. DIAL 800-436-2732 and then follow the directions above.
- C. Labels containing the above instructions are available from the EP group.
- D. The "LO CELL" indication on a pager may not be actuated until after the pager battery has depleted below its useful level. For this reason, it is recommended that batteries be changed every two weeks. It is an expectation that batteries be changed every payday.
- E. ERO personnel shall promptly report pager problems to the EP group.

4.3 Roster Notifications

- A. Pagers are activated for Roster I at a Notification of Unusual Event (NUE) and for Roster I and II at an Alert, Site Area Emergency or General Emergency. The Offsite Monitoring Teams and HP Team Leaders are also activated for Unit 2 Alert, Site Area or General Emergencies.
- B. Pagers are activated with one of eight messages and a call back number displayed on the liquid crystal display:

NOTE

Unless directed otherwise, respond accordingly to the actions below.

1. 003 This is an IP3 actual emergency event notification. ERO personnel should call back on the number displayed, if possible. Roster I & II personnel shall report to their PRIMARY Emergency Response Facility.

Roster I personnel may call 736-8067/8068 or 2911 for additional information.

2. 113 (Reserved for future use)
 3. 223 This is an IP3 actual emergency event notification. Roster I personnel will call back on the number displayed.

Roster I personnel may then call 736-8067/8068 or 2911 for additional information.
 4. 443 This is an IP3 drill notification. ERO personnel should respond as if this were an actual event. ERO personnel should call back on the number displayed, if possible. Roster I & II personnel will report to their PRIMARY Emergency Response Facility.

Roster I personnel may then call 736-8067/8068 or 2911 for additional information.
 5. 553 This is an IP3 drill notification for ERO personnel designated to participate in the drill. Only ERO personnel participating in the drill should respond as if this were an actual event.

Drill Members ONLY should call back on the number displayed, if possible. Drill Members ONLY shall report to their PRIMARY Emergency Response Facility.
 6. 663 This is an IP3 test notification. ERO personnel should call back on the number displayed, if possible. No response to the site is required.
 7. 777 This is an IP3 test activation. No call back is required. No response to the site is required.
 8. 999 Disregard last pager message. No call back is required. No response to the site is required.
- C. The Dialogic Notification System will be used to notify all ERO members at home, at work, by cell phone (if available) and by pager activation of an actual emergency declaration on Unit 3.
- D. Indian Point Unit 2 Control Room will activate the Dialogic Notification System.

4.4 ERO Team Member Expectations

- A. For many ERO functions, personnel designated to perform specific functions have also been assigned to Teams.
- B. Where applicable, Team assignments are listed on Roster II in Volume II of the Emergency Plan.
- C. The on-call periods for each team start and stop at 0700 each Thursday.
- D. Team schedules are provided to Team members and may be obtained by contacting the EP group.
- E. ERO Team members are expected to comply with the following rules:
 - 1. During on-call period, wear pager and have in "ON" position at all times,
 - 2. During on-call period, be fit for duty and available to report to ERF's within 60 minutes of a notification,
 - 3. During on-call period, be accessible via pager.
 - 4. If unavailable via pager during on-call period, arrange for a qualified alternate from Roster II to act as a substitute for the unavailable period.
 - 5. Prior to taking any actions which may inhibit meeting Team obligations, (e.g., resignation, transfer, etc.), contact the EP group.
 - 6. If during the on-call period an unexpected event occurs that precludes responding to an emergency (e.g., illness), inform department supervisor of ERO Team responsibilities and of the inability to fulfill them. If the on-call individual cannot make arrangements for a qualified Roster II substitute, the EP group will make these arrangements for him/her.
- F. There is no requirement to contact the EP group when arrangements have been made for an alternate to take a Team member's duty.

5.0 ATTACHMENTS

None

END OF TEXT