

DISTRIBUTION CONTROL LIST

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1	MONTANARELLO M	ADMINISTRATION	45-3-B
2	TRAINING MANAGER	TRAINING	#48
3	RES DEPARTMENT MANAGER	RES	45-4-A
4	REFERENCE LIBRARY	RECORDS (TRNG BLDG)	#48
8	PUBLIC RELATIONS MANAGER	PUBLIC RELATIONS	46-2-C
9	PUBLIC RELATIONS MANAGER	PUBLIC RELATIONS	46-2-C
10	SHIFT MANAGER	OPERATIONS	IP3
11	CONTROL ROOM	OPERATIONS	IP3
12	COMPUTER SERVICES MANAGER	COMPUTER SERVICES	45-2-E
13	I&C MANAGER	I&C	45-2-A
14	EOF	E-PLAN	EOF
15	EOF	E-PLAN	EOF
16	GROSJEAN A (EOP'S ONLY)	E-PLAN ADM	WPO-11A
17	GROSJEAN A (EOP'S ONLY)	E-PLAN ADM	WPO-11A
19	WPO/DOCUMENT CONTROL	NUC ENGINEERING LIBRARY	WPO/10A
22	RESIDENT INSPECTOR	US NRC	45-2-B
23	MCNAMARA N	NRC	OFFSITE
24	MCNAMARA N	NRC	OFFSITE
25	DOCUMENT CONTROL DESK	NRC	OFFSITE
28	AVRAKOTOS N	J A FITZPATRICK	OFFSITE
29	E-PLAN ENGINEER	E-PLAN	EOF
30	E-PLAN COORDINATOR	E-PLAN	EOF
31	BARANSKI J	ST. EMERG. MGMT. OFFICE	OFFSITE
32	MURPHY L - VOLUME #1 ONLY	DISASTER & EMERGENCY	WESTCHESTR
33	LONGO, N. - VOLUME #1 ONLY	EMERGENCY SERVICES	ROCKLAND
34	GREENE D - VOLUME #1 ONLY	DISASTER & CIVIL DEFENSE	ORANGE
35	RAMPOLLA M - VOLUME #1 ONLY	OFFICE OF EMERG MANAGE	PUTNAM
37	HP WATCH OFFICE	LAURA EAGENS	45-4-A
38	SECURITY COMMAND POST	SECURITY	#44A
39	SECONDARY ALARM (SAS)	SECURITY	44A
40	SECURITY MANAGER	SECURITY	44-A
41	SIMULATOR	TRAINING	48-2-A
42	CONTROL ROOM	OPERATIONS	IP3
106	SIMULATOR INSTRUCT AREA	TRAINING	#48
107	QA MANAGER	QA	TRL #2A
128	O.R.G. DEPT. MANAGER	O.R.G. DEPARTMENT	46-2-B
158	SYSTEM ENGINEERING MGR.	SYSTEM ENGINEERING	45-3-H
211	D&A MANAGER	DESIGN ENGINEERING	TRL-#31-A
308	HUGHES J IP-1011 ONLY	E-PLAN	CON ED
309	HUGHES J IP-1011 ONLY	E-PLAN	CON ED
319	NRQ-OPERATIONS	C. STELLATO/TRAINING	#48
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357	ILO-OPERATIONS (LL'S 2)	N. TRACEY/TRAINING	#48
376	EOF	E-PLAN	EOF
424	OPS-INSTR (LL'S 1 COPY)	D. PITT/TRAINING	#48

A045

AP-18.2

Revision 9

Indian Point 3
Nuclear Power Plant
P.O. Box 215
Buchanan, New York 10511
914 736.8000



Attachment B

Page 1 of 1



**CONTROLLED DOCUMENT
TRANSMITTAL FORM**

TO: DISTRIBUTION

DATE: 10/12/00

TRANSMITTAL NO: 20541

FROM: IP3 DOCUMENT CONTROL GROUP

EXTENSION: 2036

The Document(s) identified below are forwarded for use. In accordance with AP-18.2, please review to verify receipt, incorporate the document(s) into your controlled document file, properly disposition superseded, void, or inactive document(s). Sign and return the receipt acknowledgement below within fifteen (15) working days.

AFFECTED DOCUMENT: E-PLAN DISTRIBUTION (VOLUME II)

DOC #	REV #	TITLE	INSTRUCTIONS
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***** SEE ATTACHED INSTRUCTIONS *****

*******PLEASE NOTE EFFECTIVE DATE*******

RECEIPT OF THE ABOVE LISTED DOCUMENT(S) IS HEREBY ACKNOWLEDGED. I CERTIFY THAT ALL SUPERSEDED, VOID, OR INACTIVE COPIES OF THE ABOVE LISTED DOCUMENT(S) IN MY POSSESSION HAVE BEEN REMOVED FROM USE AND ALL UPDATES HAVE BEEN PERFORMED IN ACCORDANCE WITH EFFECTIVE DATE(S) (IF APPLICABLE) AS SHOWN ON THE DOCUMENT(S).

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NAME (PRINT)

SIGNATURE

DATE

CC#

Indian Point 3
Nuclear Power Plant
P.O. Box 215
Buchanan, New York 10511
914 736.8000

#20541



TO: NRC - Doc Control Desk CONTROL COPY NO.: 25
FROM: EMERGENCY PLANNING DATE: 10/6/00
SUBJECT: DISTRIBUTION OF THE INDIAN POINT #3 EMERGENCY PLAN REVISIONS

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/x8415).

Thank you.

VOLUME II - EMERGENCY RESPONSE ACTIVATION - IMPLEMENTING PROCEDURES

<u>OLD:</u>		<u>NEW:</u>	
Table of Contents	09/30/00	Table of Contents	10/6/00
IP-2001	Rev. 11	IP-2001	Rev. 12
IP-2600	Rev. 3	IP-2600	Rev. 4
EP-FORMS INDEX	09/00	EP-FORMS INDEX	10/6/00
EP-FORM #4	05/96	EP-FORM #4	10/6/00

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

(Signature)

(Date)

EMERGENCY PLAN - VOLUME II
EMERGENCY RESPONSE ACTIVATION

EP-FORMS INDEX

<u>EP-FORM #</u>	<u>EP-FORM TITLE</u>	<u>CORRESPONDING PROCEDURE</u>	<u>DATE</u>
4	Control Room Emergency Staffing Chart	N/A	10/00
5	Environmental TLD and Air Sample Readout	N/A	02/98
6	Emergency Exposure Summary Sheet	N/A	03/93
7	Authorization for Personnel to Receive Emergency Exposure Above 10CFR20 Limits	N/A	12/95
8	EOF to AEOF Relocation Information	N/A	07/96
9	TSC Staffing Chart	N/A	06/99
10	OSC Staffing Chart	N/A	3/00
12	Ambulance and Attendant Survey Form	IP-1021	10/94
13	Fire Fighter Exposure Record	IP-1055	05/96
14	Personnel Contamination Check	IP-1060	02/98
15	Skin Decontamination Record	IP-1060	02/96
16	Vehicle Contamination Check	N/A	10/95
17	Equipment Contamination Check	N/A	10/95
18	OSC Emergency Briefing Form	IP-1025	10/94
19	NYPA Communications Message Form	N/A	08/93
20	OSC/TSC Survey Map	N/A	04/95
21	Air Sample Counting Instrument Data Sheet	N/A	01/95

EMERGENCY PLAN - VOLUME II
EMERGENCY RESPONSE ACTIVATION

EP-FORMS INDEX
 (CONT'D)

<u>EP-FORM #</u>	<u>EP-FORM TITLE</u>	<u>CORRESPONDING PROCEDURE</u>	<u>DATE</u>
22	Determination of Radioactive Airborne Concentrations	N/A	04/96
23	Team Status Form	N/A	02/98
27	Offsite Survey Team Data	N/A	02/98
Part I	New York State Radiological Emergency Data Form, Part I - General Information	IP-1038	09/00
Part II	New York State Radiological Emergency Data Form, Part II - Radiological Assessment Data	IP-1038	02/96
31a	Plant Status Log (measurements)	N/A	02/97
31b	Plant Status Log (rad. monitors)	N/A	09/99
31c	Plant Status Log (equipment status)	N/A	02/97
40	Manual Dose Projection Worksheet	N/A	12/93
42	EOF Radiological Survey Form	N/A	11/94
45	EOF Personnel Dosimetry Record	N/A	02/98
46	EOF Staffing Chart	N/A	02/99
47	Visitors Log	N/A	11/94
48	RADCOM Worksheet	N/A	02/98
361	(NRC Form) Event Notification Worksheet	IP-1038	03/90

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

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IC/EAL'S INITIATING CONDITIONS AND EMERGENCY ACTION LEVELS	7	-	10/99
<u>CONTROL ROOM</u>			
IP-2000 Emergency Activation of the Control Room (CR)	4	-	09/98
IP-2001 Emergency Director (ED), Plant Operations Manager (POM), Shift Manager (SM) Procedure	12	-	10/00
IP-2002 CR Health Physics Technician	3	-	02/99
IP-2003 CR Watch Chemist	4	-	09/00
IP-2004 CR Clerk	3	-	09/00
IP-2005 CR Offsite Communicator	1	-	07/96
IP-2006 CR Direct-Line Communicator	4	-	10/99
<u>TECHNICAL SUPPORT CENTER (TSC)</u>			
IP-2100 Emergency Activation of the Technical Support Center (TSC)	3	-	02/99
IP-2101 Technical Support Center (TSC) Manager	8	-	03/00
IP-2102 TSC Communicator(s)	3	-	12/98
IP-2103 TSC SPDS Computer Operator	4	-	08/99
IP-2104 TSC Video Operator	1	-	07/96
IP-2105 TSC Accountability Officer	VOID	-	N/A
IP-2106 TSC Clerk	5	-	06/99
<u>OPERATIONS SUPPORT CENTER (OSC)</u>			
IP-2200 Emergency Activation of the Operations Support Center (OSC)	5	-	03/00
IP-2201 Operations Support Center (OSC) Manager	7	-	03/00
IP-2202 OSC Direct-Line Communicator	2	-	12/98
IP-2203 OSC Dispatcher	2	-	07/97
IP-2204 OSC Team Leaders	2	-	07/97
IP-2205 OSC H.P. Team Leader	8	-	10/99
IP-2206 OSC Accountability Officer	VOID	-	N/A
IP-2207 OSC Clerk	5	-	06/99
IP-2208 OSC Security Team Leader	3	-	09/98
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

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

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<u>EMERGENCY OPERATIONS FACILITY (EOF)</u>		<u>REV. #</u>	<u>/</u>	<u>DATE</u>
IP-2300	Emergency Activation of the Emergency Operations Facility (EOF)	4	-	03/00
IP-2301	Emergency Director	9	-	03/00
IP-2302	EOF Technical Advisor	7	-	09/00
IP-2303	EOF Radiological Assessment Team Leader (RATL)	4	-	08/97
IP-2304	EOF Dose Assessment Health Physicist	3	-	07/97
IP-2304	EOF Dose Assessment Health Physicist	4	-	03/00
IP-2305	EOF MIDAS Operator	4	-	03/00
IP-2306	EOF Security Officer	7	-	12/98
IP-2307	EOF Clerk	5	-	10/99
IP-2308	EOF Direct-Line Communicator	4	-	03/00
IP-2308	EOF Direct-Line Communicator	4	-	09/00
IP-2309	EOF Offsite Communicator	3	-	03/00
IP-2310	EOF Onsite Radiological Communicator	4	-	06/99
IP-2311	EOF Offsite Radiological Communicator	4	-	06/99
IP-2312	EOF Public Relations Liaison	2	-	09/98
IP-2313	EOF Public Relations Technical Advisor	VOID	-	N/A
IP-2314	EOF Radiological Assessment Monitor	VOID	-	N/A
 <u>ALTERNATE EMERGENCY OPERATIONS FACILITY (AEOF)</u>				
IP-2400	Emergency Activation of the Alternate Emergency Operations Facility (AEOF)	4	-	03/00
 <u>SECURITY ACTIVATION</u>				
IP-2500	Security Emergency Activation Responsibilities	6	-	10/97
 <u>RECOVERY/TERMINATION</u>				
IP-2600	Emergency Termination and Transition to Recovery	4	-	10/00
IP-2601	Recovery Manager	0	-	12/98
IP-2602	Development of a Recovery Action Plan	0	-	12/98
IP-2603	Recovery Support Group Manager	0	-	12/98
EP-FORMS SECTION - Index		10/00		
APPENDIX 'A'	- ROSTER I	09/00		
	- ROSTER II	09/00		
	- ROSTER III	09/00		
APPENDIX 'B'	- Emergency Offsite Telephone List	09/00		
APPENDIX 'C'	- Emergency Response Facility Telephone List	09/00		

DATE: _____

EP-FORM #4
CONTROL ROOM
EMERGENCY STAFFING CHART

TITLE	SHIFT 1	SHIFT 2
Plant Operations Manager		
Shift Manager		
Control Room Supervisor		
Field Support Supervisor		
RO		
BOP RO		
Communicators Direct Line		
Offsite		
Clerks		
Watch Chemist		
Control Room HP		
Nuclear Side NPO		
Conventional Side NPO		
Designated Ops Responder		
Condensate Polisher NPO		

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EMERGENCY PLAN PROCEDURES

PROCEDURE NO. IP-2001

REV. 12

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

SHIFT MANAGER (SM) PROCEDURE

THIS PROCEDURE IS TSR

THIS PROCEDURE IS NOT TSR

WRITTEN BY: K. Kelly 9/13/00
SIGNATURE/DATE

REVIEWED BY: [Signature] 9-13-00
SIGNATURE/DATE

APPROVED BY: Mary Ann Wilson 10/3/00
SIGNATURE/DATE

EFFECTIVE DATE: 10/6/00

PROCEDURE USE IS
REFERENCE

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

TABLE OF CONTENTS

<u>SECTION</u>	<u>TITLE</u>	<u>PAGE</u>
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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 AEOF Checklist	
5.7	Alert Flowchart for the Control Room POM/SM with ED Staffed at EOF	
5.8	Site Area Emergency Flowchart for the 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	

1A

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 filled by one of the following:

- SM
- CR Supervisor (if the SM is not available)
- 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 staff this position are typically:

- Assistant Operations Manager
- Senior Reactor Operator Qualified Individual

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"
- 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 level by the ED.
 - 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. | R
- 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 Con Edison declares any of the four emergency classifications, THEN go to Attachment 5.11, "IP3 Actions for an IP2 Event". | A

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

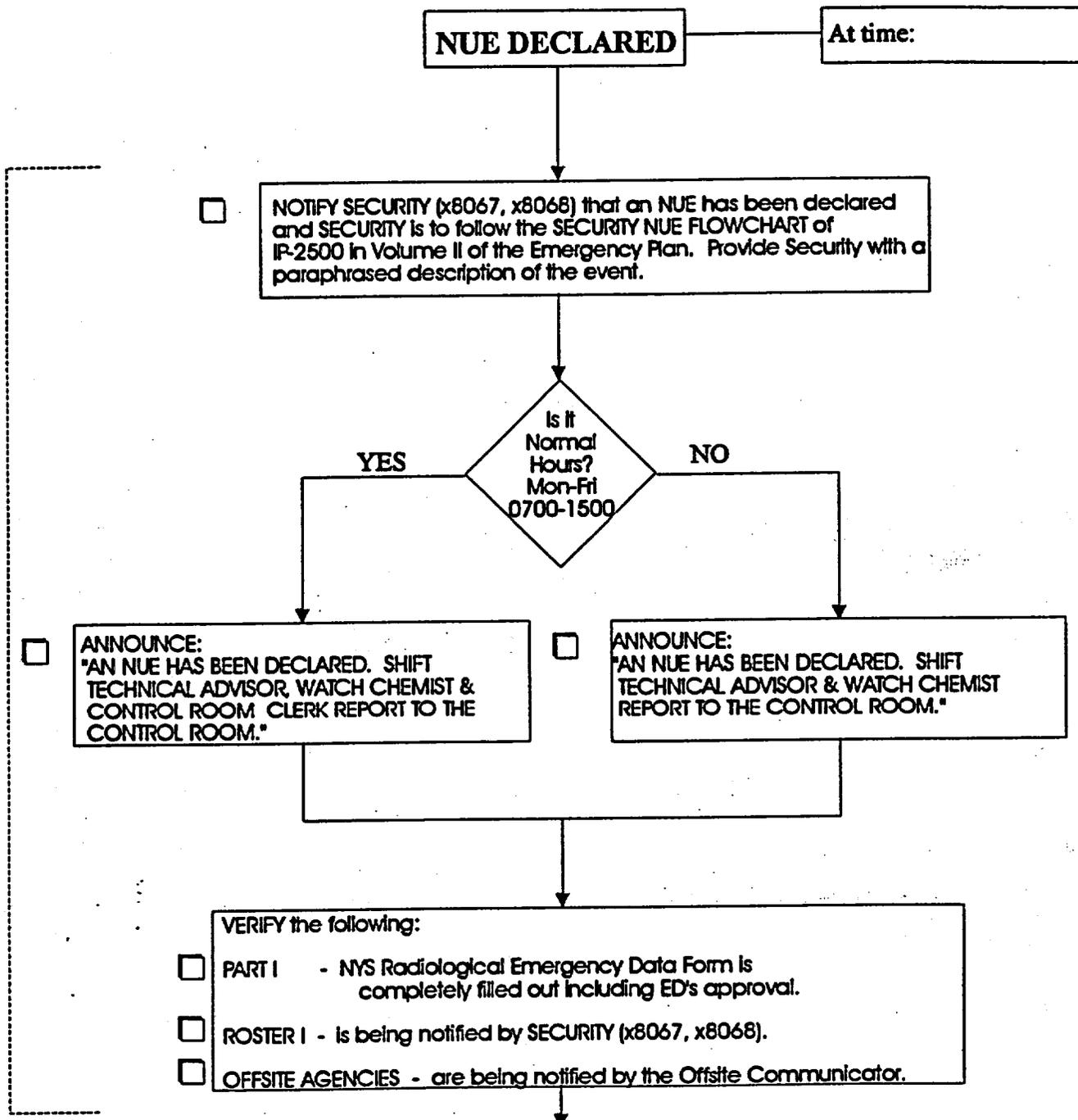
- 5.9 General Emergency Flowchart for the Control Room POM/SM with ED Staffed at EOF
- 5.10 Plant Operations Manager (POM) Flowchart for Severe Accident Management (SAM)
- 5.11 IP3's Actions for an IP2 Event

|A

END OF TEXT

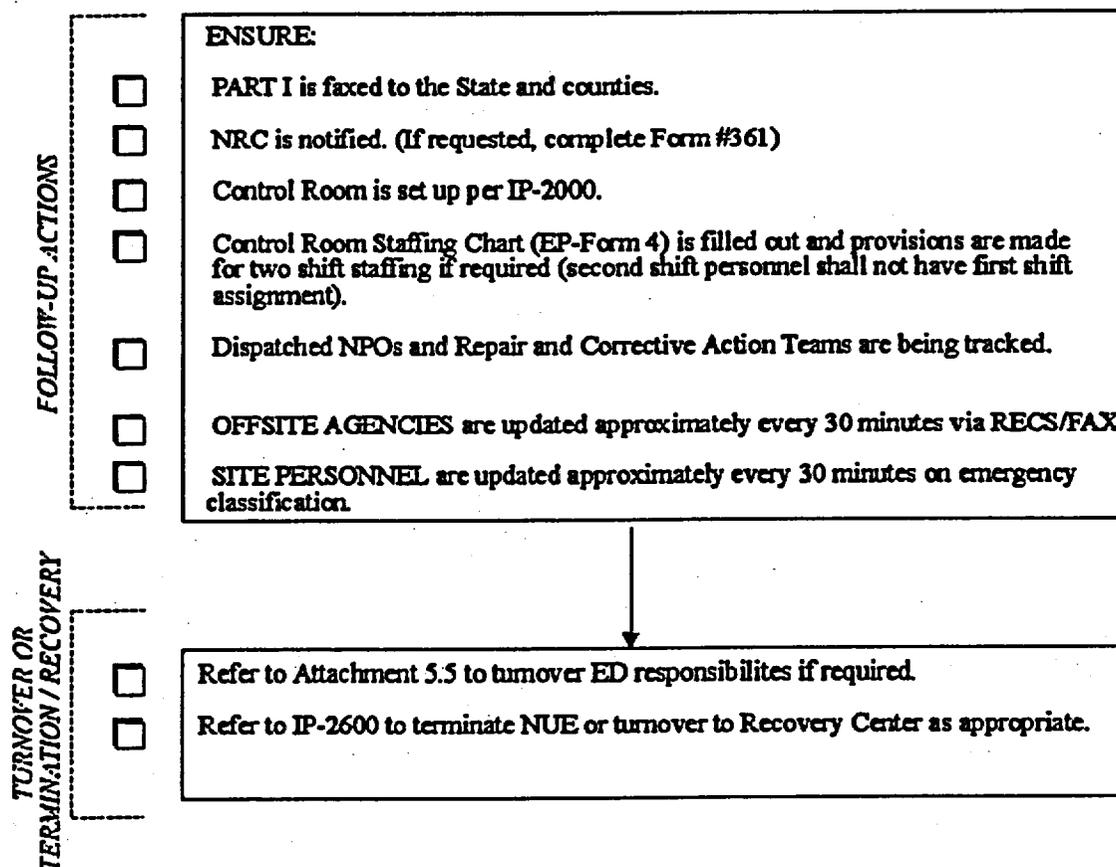
ATTACHMENT 5.1
NOTIFICATION OF UNUSUAL EVENT FLOWCHART
FOR
THE CONTROL ROOM EMERGENCY DIRECTOR (ED)

IMMEDIATE ACTIONS - SHALL BE COMPLETED WITHIN 15 MINUTES



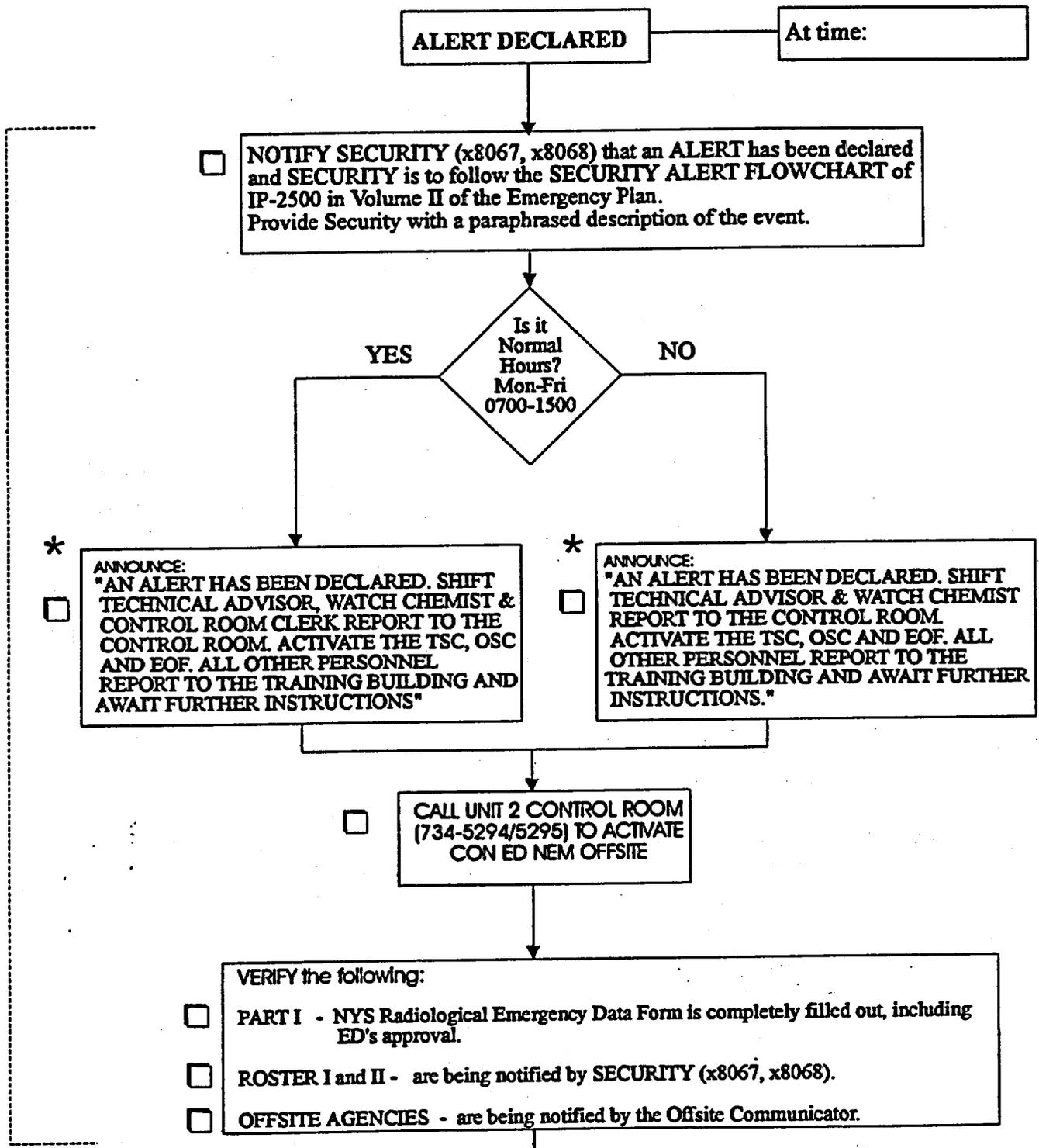
See Page 2 for Follow-Up Actions

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



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

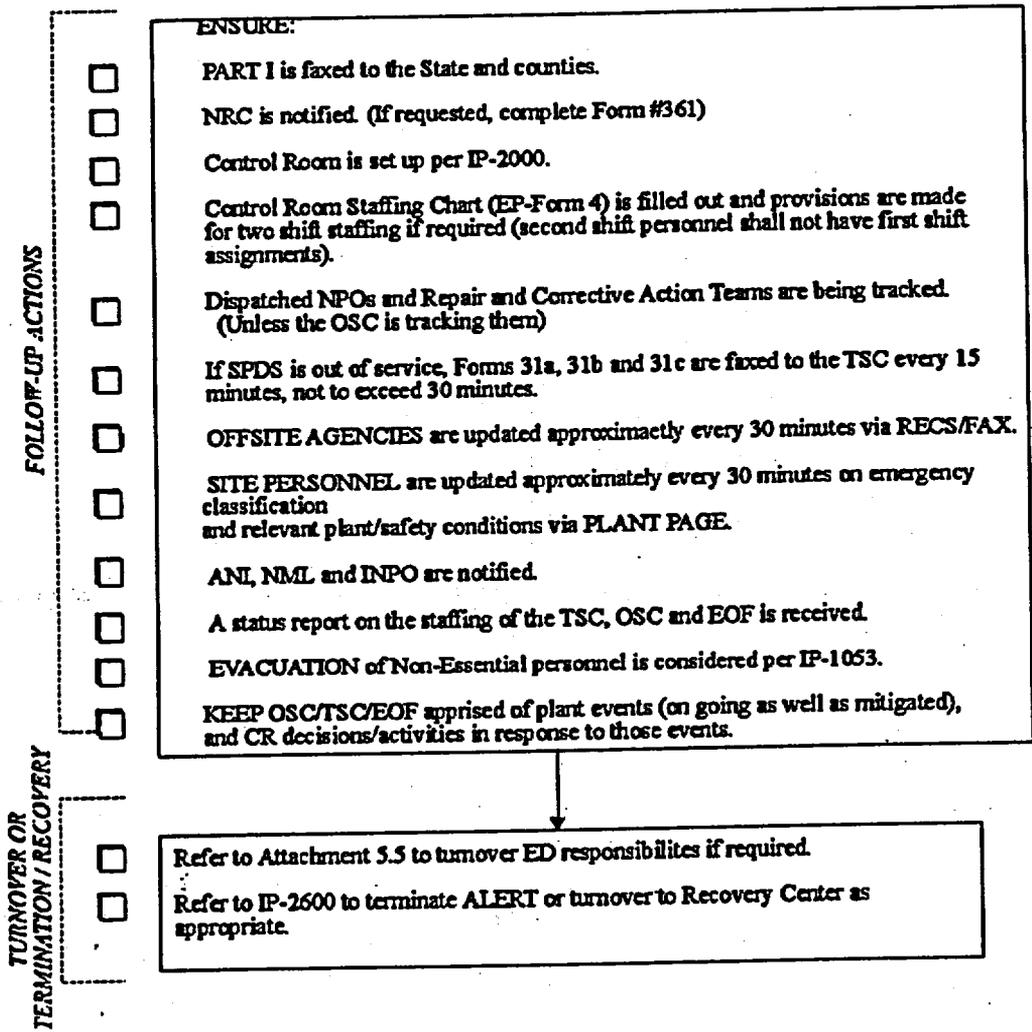
IMMEDIATE ACTIONS - SHALL BE COMPLETED WITHIN 15 MINUTES



See Page 2 for Follow-Up Actions

* If in ONOP-SEC-1 THEN done in accordance with ONOP-SEC-1.

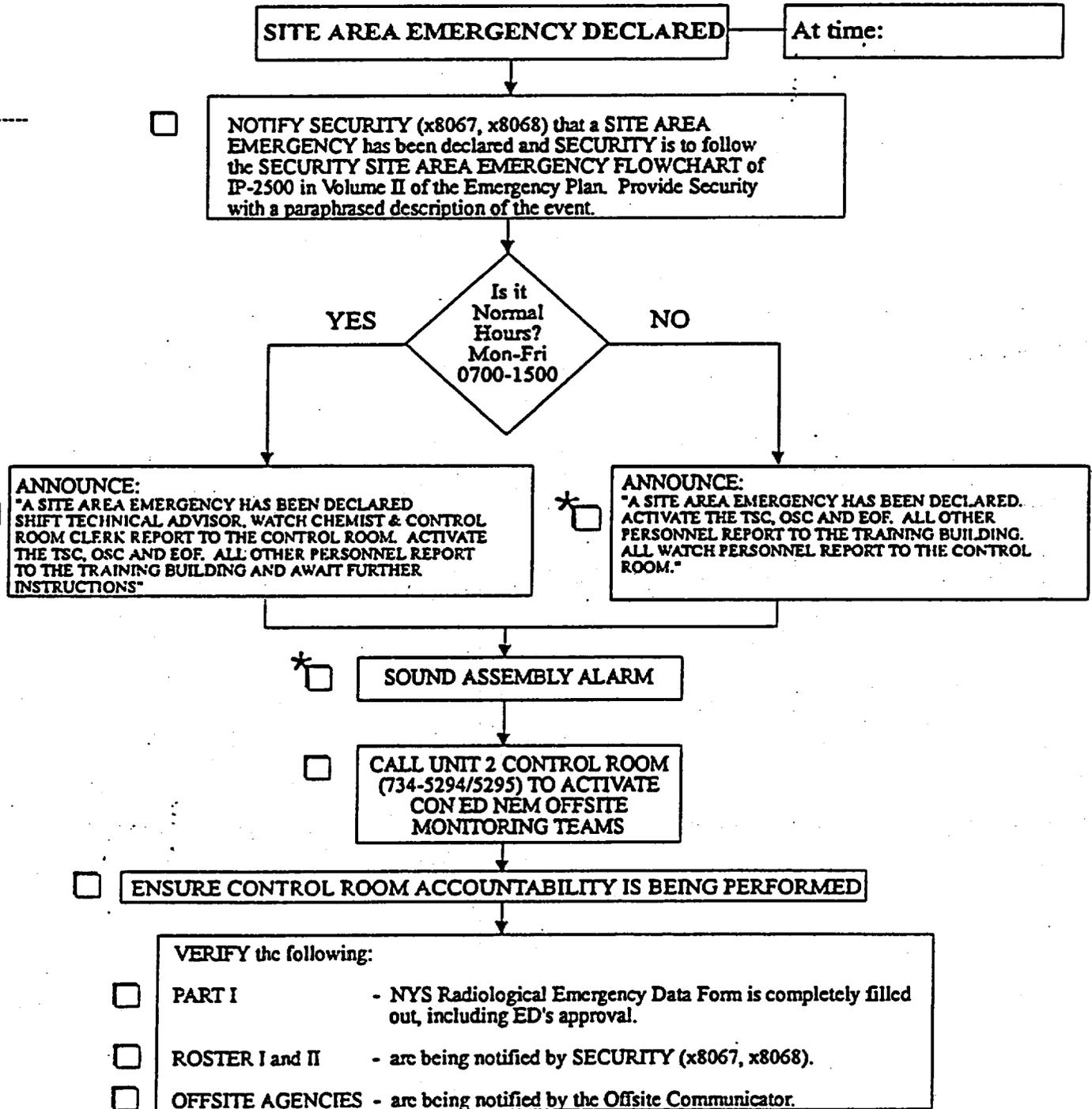
ATTACHMENT 5.2
ALERT FLOWCHART
FOR
THE CONTROL ROOM EMERGENCY DIRECTOR (ED)



ATTACHMENT 5.3

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

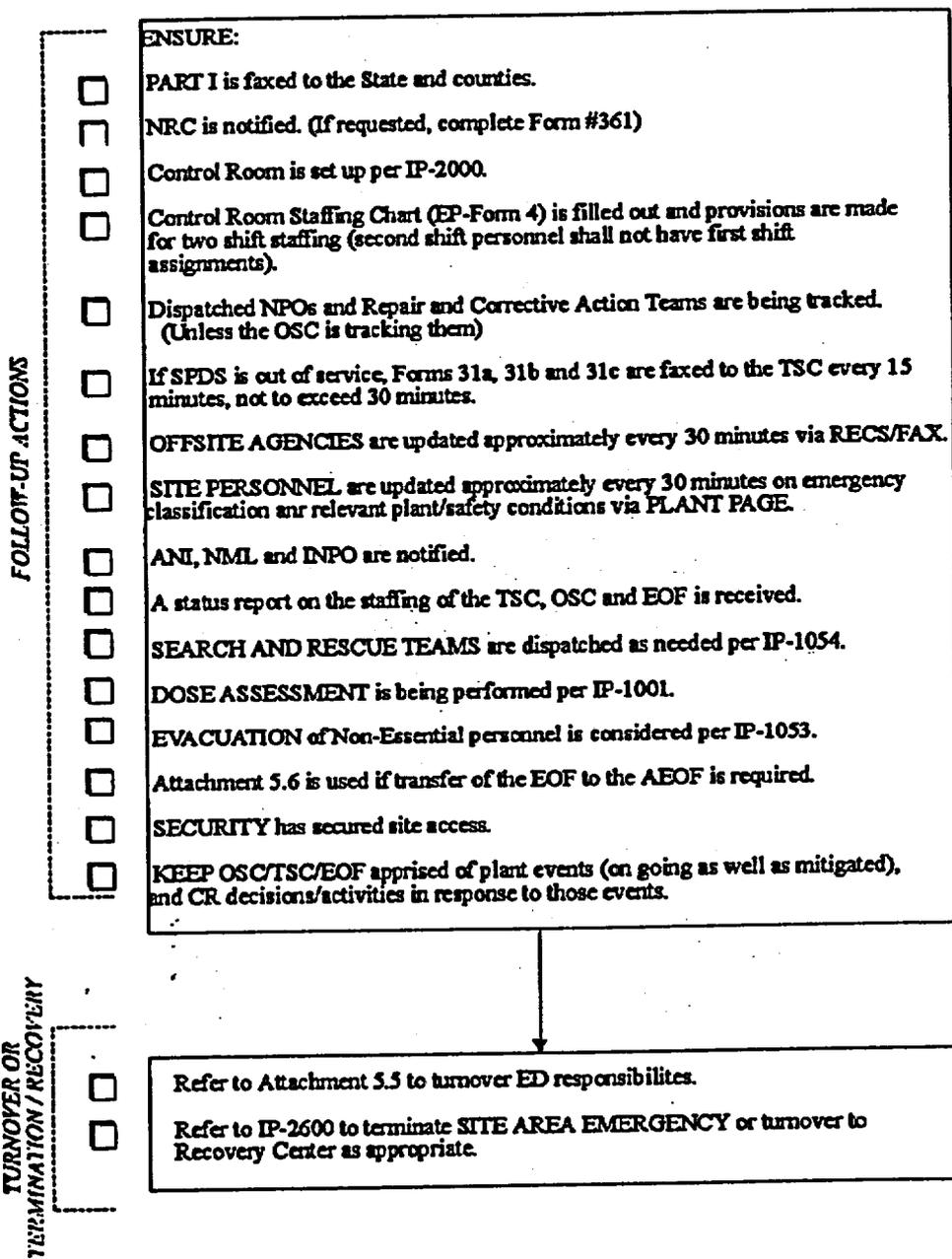
IMMEDIATE ACTIONS - SHALL BE COMPLETED WITHIN 15 MINUTES



See Page 2 for Follow-Up Actions

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

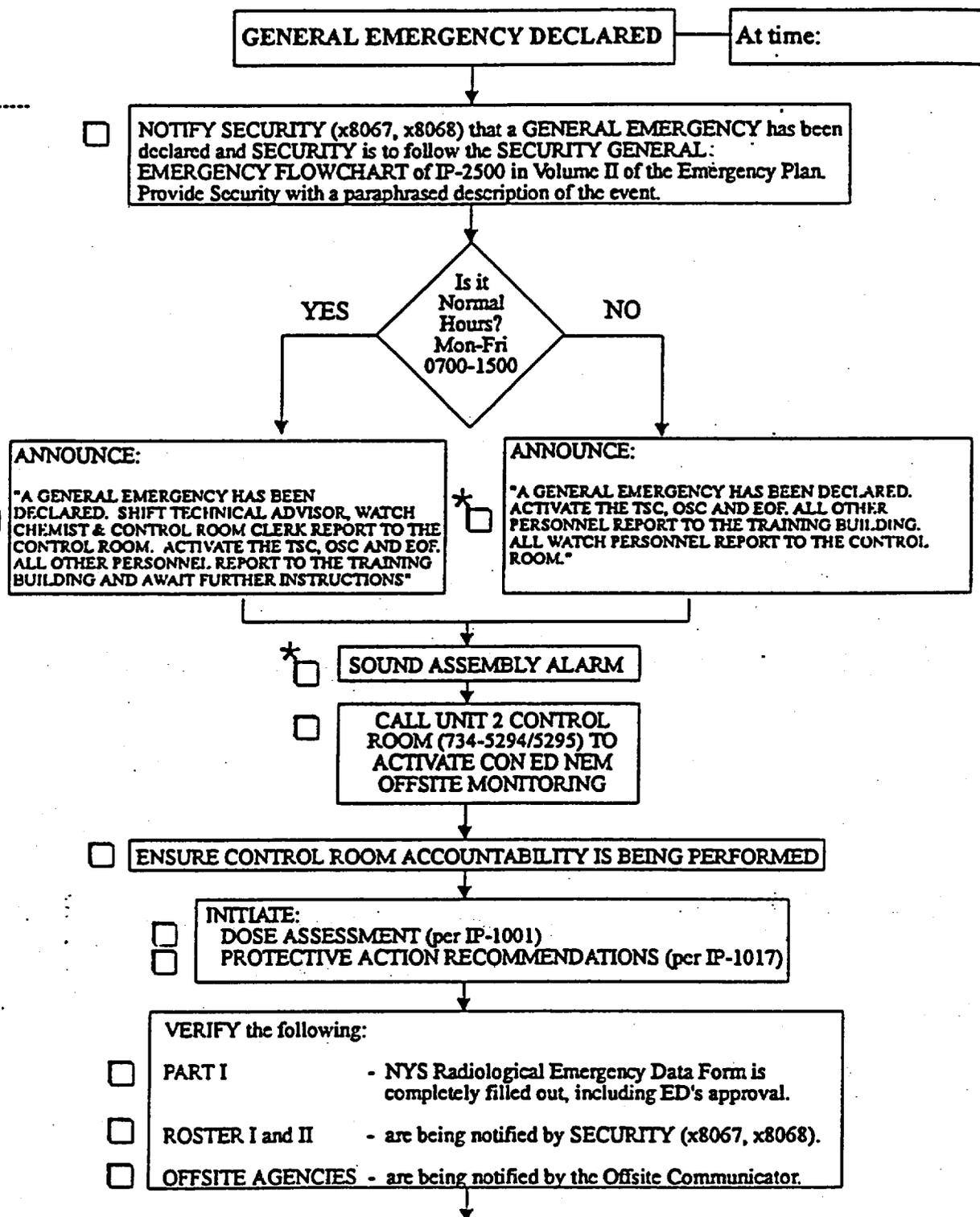
ATTACHMENT 5.3
SITE AREA EMERGENCY FLOWCHART
FOR
THE CONTROL ROOM EMERGENCY DIRECTOR (ED)



ATTACHMENT 5.4

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

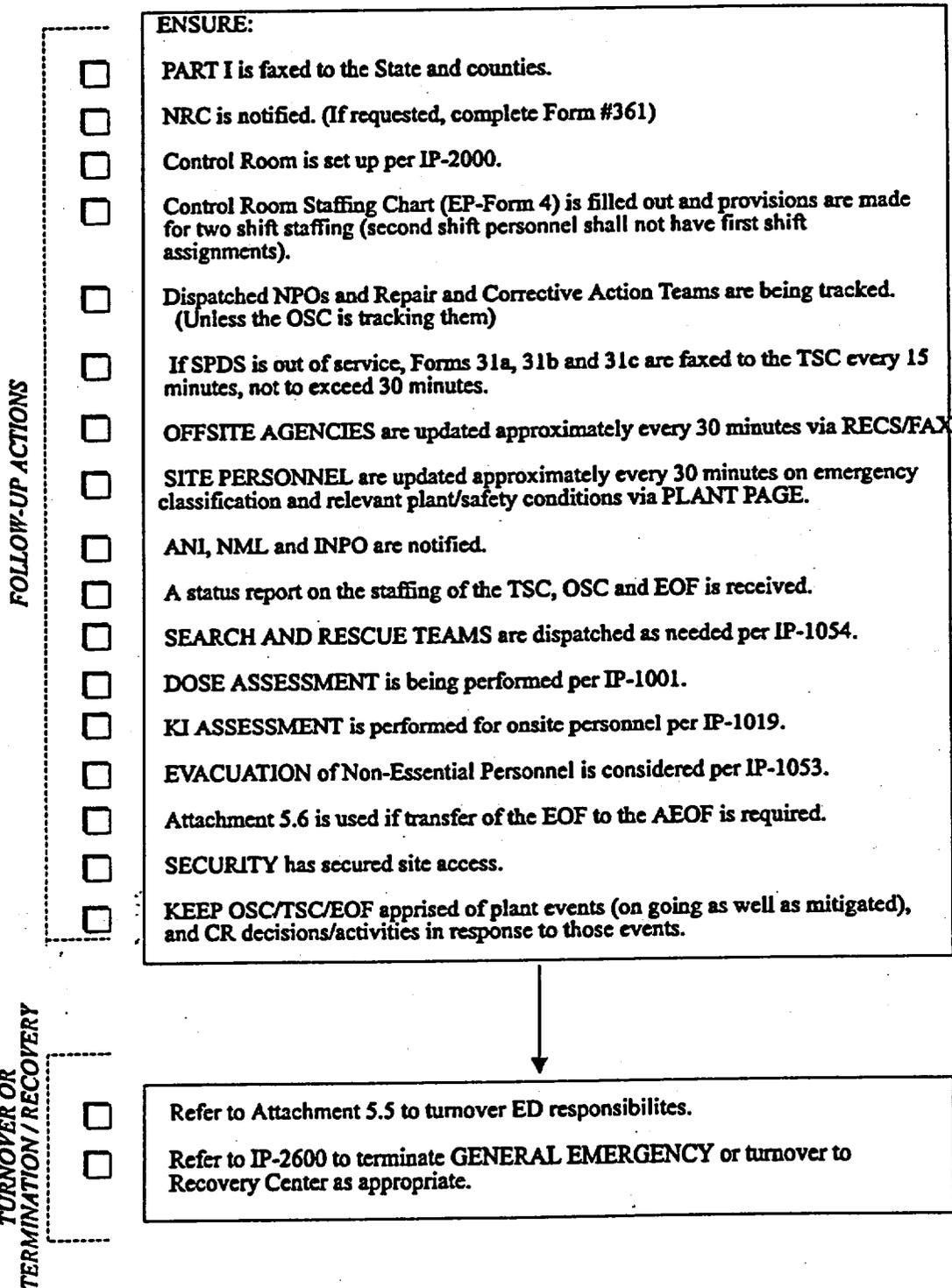
IMMEDIATE ACTIONS - SHALL BE COMPLETED WITHIN 15 MINUTES



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)



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:

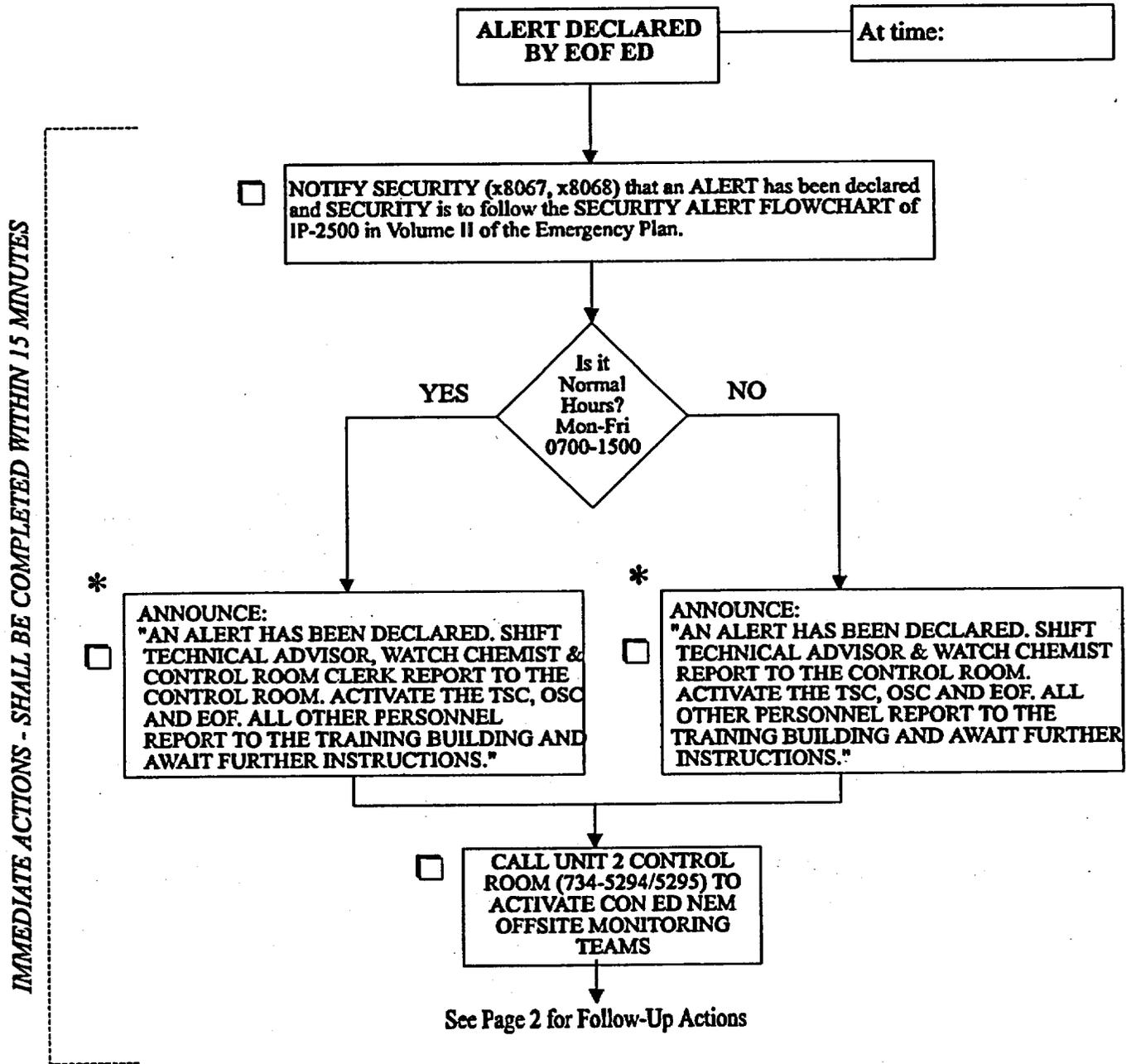
ED: _____

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

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

ATTACHMENT 5.7
ALERT 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 not have first shift assignments).

Dispatched NPOs and Repair and Corrective Action Teams are being tracked.
(Unless the OSC is tracking them)

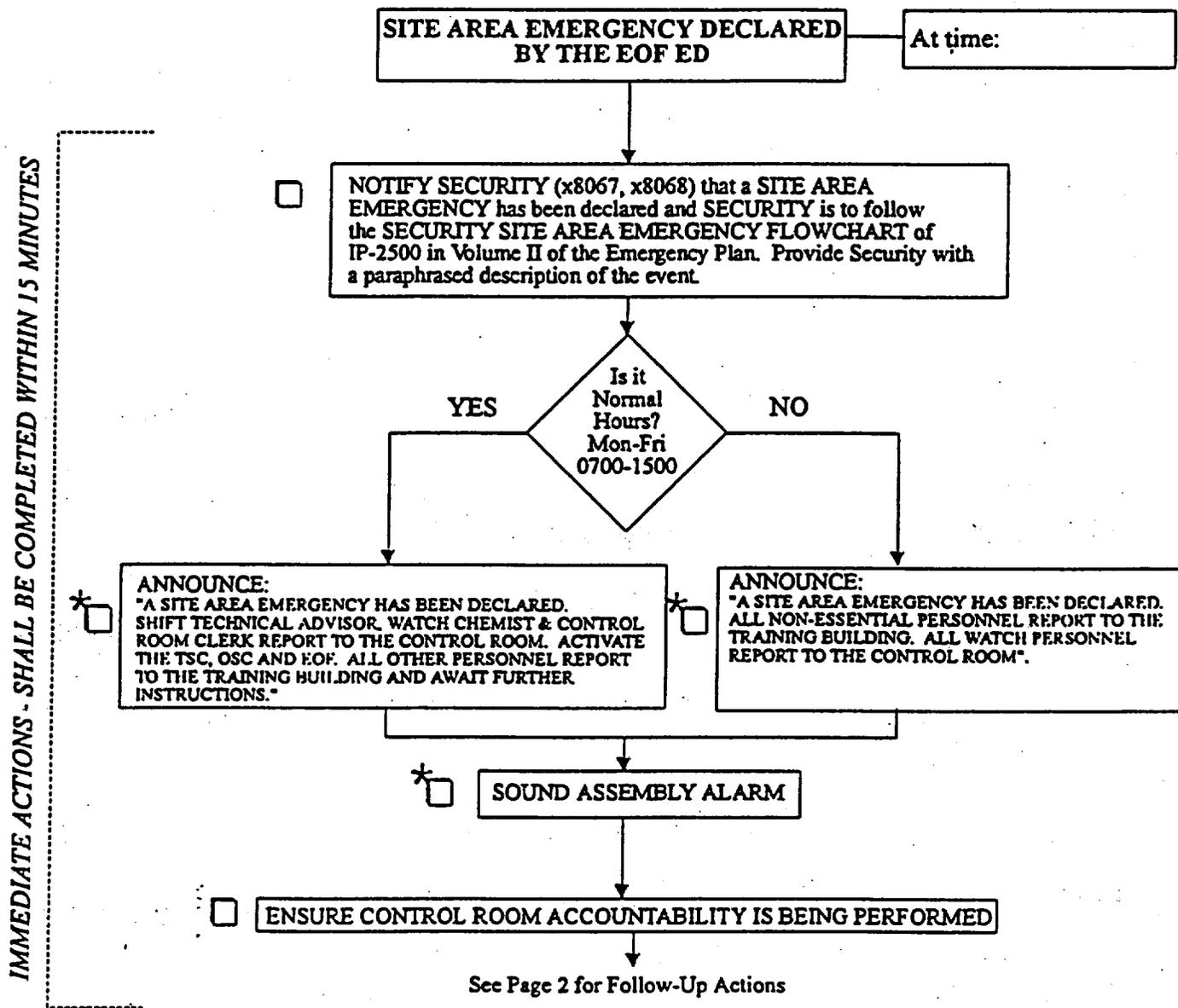
If SPDS is out of service, Forms 31a, 31b and 31c are faxed to the TSC every 15 minutes, not to exceed 30 minutes.

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

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

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

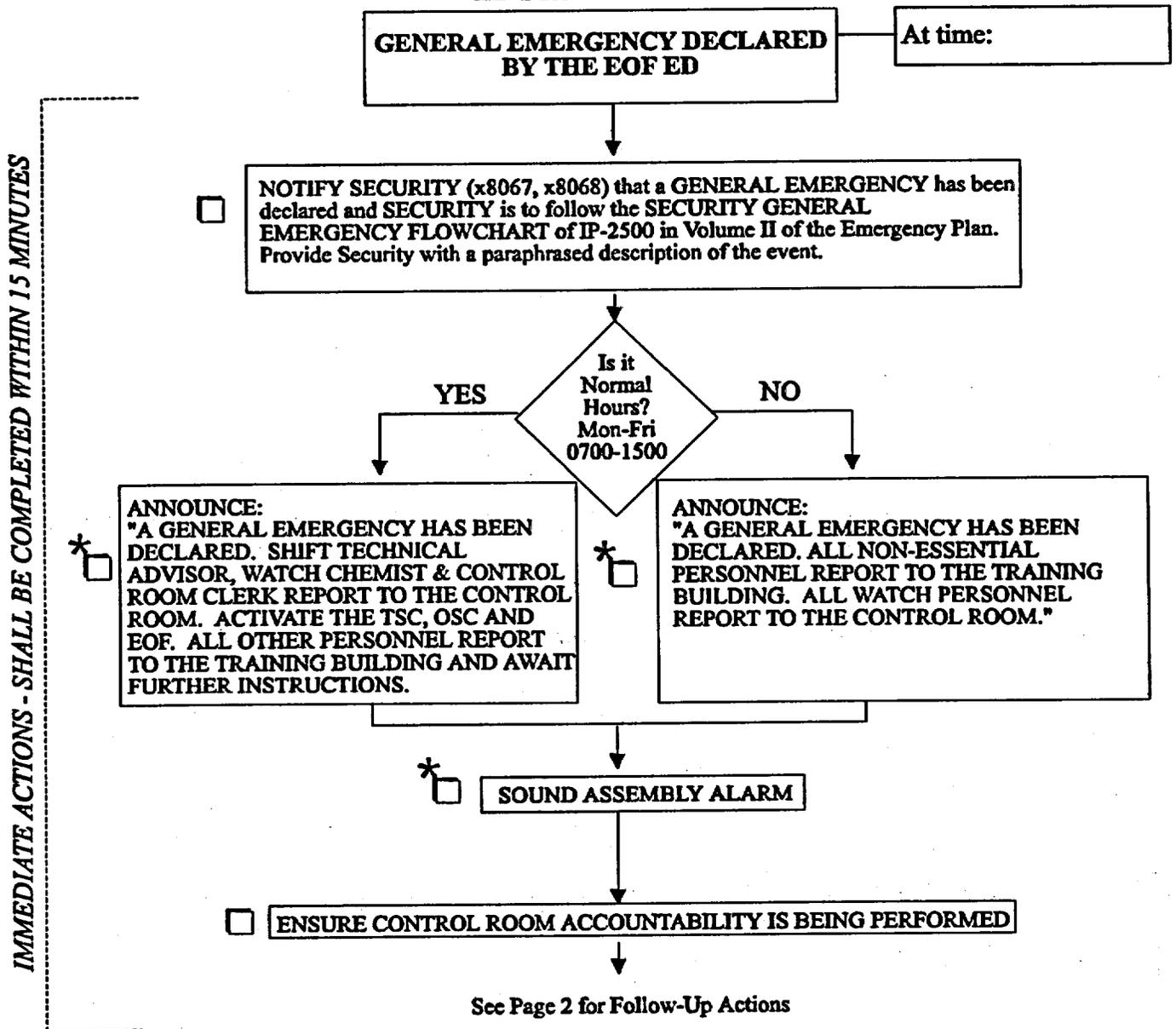
FOLLOW-UP ACTIONS

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 (second shift personnel shall not 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 the 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**



*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 (second shift personnel shall not 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 the 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

- Call Security at 8067/8068 to notify Roster I individuals (IP-2500)

ALERT DECLARED

- Call Security at 8067/8068 to notify Roster I individuals (IP-2500)
- Provide updates to IP3 personnel on the IP2 status via page, as possible.
- Consider restricting access to IP3 site. Notify Security (8067/8068).

SAE DECLARED

- Call Security at 8067/8068 to notify Roster I individuals (IP-2500).
- Sound Site Assembly Alarm and make plant page to conduct accountability (IP-1050, IP-2001).
- Utilize Roster II to contact needed support personnel (IP-2500). Notify Security at 8067/8068 to contact those individuals requested. If event is radiological in nature, ensure IP3 offsite monitoring teams are activated.
- 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.
- Consider evacuating non-essential personnel from IP3 site (IP-1053). Notify Security (8067/8068).

GE DECLARED

- Same as SAE except evacuate non-essential personnel from IP3 site (IP-1053). Determine route of exit. Notify Security (8067/8068).

A

Indian Point 3
Nuclear Power Plant
P.O. Box 215
Buchanan, New York 10511
914 736.8000



CONTROLLED COPY #: 25

EMERGENCY PLAN PROCEDURES

PROCEDURE NO. IP-2600

REV. 4

TITLE: EMERGENCY TERMINATION AND TRANSITION TO RECOVERY

THIS PROCEDURE IS TSR

THIS PROCEDURE IS NOT TSR

WRITTEN BY: Kentell 10/5/00
SIGNATURE/DATE

REVIEWED BY: J. Barry 10-5-00
SIGNATURE/DATE

APPROVED BY: Maryanne Wilson 10/5/00
SIGNATURE/DATE

EFFECTIVE DATE: 10/6/00

PROCEDURE USE IS
REFERENCE

EMERGENCY TERMINATION AND TRANSITION TO RECOVERY

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5.2	Emergency Director to Recovery Manager Turnover Checklist	
5.3	Event Summary Report Format	

IP-2600

EMERGENCY TERMINATION AND TRANSITION TO RECOVERY

1.0 PURPOSE

- 1.1 The purpose of this procedure is to provide guidance for performing actions to terminate a classified emergency and for the transition to recovery.

2.0 RESPONSIBILITIES

- 2.1 The EMERGENCY DIRECTOR is responsible for the following:

- A. Determining that the emergency condition has ceased and termination and entry into recovery may begin;
- B. Directing the notification of State, local and federal authorities and the Emergency Response Staff that the event has terminated and transition into recovery has begun if applicable;
- C. Disassembling the Emergency Response Facilities's (ERFs), as appropriate and;
- D. Coordinating onsite recovery efforts.

- 2.2 The RECOVERY MANAGER is responsible for the following:

- A. Assuming overall responsibility for the Recovery Phase upon turnover from the Emergency Director and;
- B. Developing a Recovery Action Plan in accordance with IP-2602, "Development of a Recovery Action Plan".
- C. Ensuring that sufficient resources (e.g., funds, manpower, etc.) are available to support Recovery.
- D. Coordinating with offsite authorities and providing support as required for offsite Recovery activities.

3.0 REFERENCES

- 3.1 10 CFR 50, Appendix E, Part H, Recovery

4.0 PROCEDURE

NOTE:

The steps in this procedure are not required to be performed in sequence and all steps may not be required as determined by the scope of the emergency.

4.1 When the termination criteria of Attachment 5.1, "Emergency Termination Criteria" have been met, DECLARE that the emergency is terminated. This declaration includes the following steps:

- Making a plant page announcement, _____
- Notifying IP2 (Con Edison) and ALL necessary offsite agencies, i.e.: NRC, _____
- New York State, Counties, ANI and INPO, _____
- Notifying Roster I personnel via Security _____

4.2 If a Recovery Phase is required based on the scope of the event, TURNOVER recovery responsibilities to the Recovery Manager using Attachment 5.2., "Emergency Director to Recovery Manager Turnover Checklist" _____

4.3 DECLARE that the Recovery Phase has commenced. This declaration includes notifications to:

- NRC, _____
- New York State, _____
- Counties, _____
- ANI and INPO. _____

4.4 DISASSEMBLE ERFs as appropriate. _____

4.5 ASSEMBLE station management to discuss Recovery Phase responsibilities. _____

4.6 UPON termination or turnover to the Recovery Manager, ENSURE required documentation (eg. DERs, PIDs) is submitted upon. This also includes a formal closeout to the State/Counties. See Attachment 5.5, Event Summary Report Format. For NUE's, the event summary report may be included on the Termination Part I form in the brief event description. _____

4.7 ENSURE logs and other written documentation are submitted to the Emergency Planning Group.

5.0 ATTACHMENTS

- 5.1 Emergency Termination Criteria
- 5.2 Emergency Director to Recovery Manager Turnover Checklist
- 5.3 Event Summary Report Format

END OF TEXT

ATTACHMENT 5.1

EMERGENCY TERMINATION CRITERIA

1. INTRODUCTION

Emergency termination is the first step to normalizing operations following the mitigation of circumstances that caused the declaration of an emergency classification. The normalization of operations might range from simple verbal declaration to a complex recovery effort, based on the extent of the emergency. The following criteria are guidelines and it should be noted that specific emergency events will dictate criteria not included here.

2. UNUSUAL EVENT OR ALERT TERMINATION

The Emergency Director (ED) may terminate an Unusual Event or Alert Emergency when the following criteria are met (as applicable):

- A. Station radiation levels are stable or decreasing with time.
- B. Radioactive effluents are under control or have ceased.
- C. Any fire, flooding, or emergency conditions that initiated the condition are under control or have ceased.
- D. Containment pressure and temperature are at normal levels.

3. SITE AREA EMERGENCY OR GENERAL EMERGENCY TERMINATION

The ED may terminate a Site Area Emergency or General Emergency when the following criteria are met (as applicable):

- A. If deemed appropriate, the Plant Operations Review Committee (PORC) and/or the Safety Review Committee (SRC) has been consulted as to safety significance of terminating the emergency.
- B. The Recovery Manager has been consulted as to the support needs of the plant staff.
- C. Station radiation levels are stable or decreasing with time.

ATTACHMENT 5.1

EMERGENCY TERMINATION CRITERIA

- D. Radioactive effluents are under control or have ceased.
- E. Any fire, flooding, or emergency conditions that initiated the condition are under control or have ceased.
- F. Containment pressure and temperature are at normal levels.
- G. Reactor and associated systems are in a safe, stable condition, a reactor cool-down is in progress and it has been determined that the plant has the ability to achieve and maintain a cold shutdown condition.

ATTACHMENT 5.2

EMERGENCY DIRECTOR TO RECOVERY MANAGER TURNOVER CHECKLIST

When the Emergency Director (ED) is relieved by the Recovery Manager, the following checklist should be used to effectively turnover responsibilities:

ED: _____

Recovery Manager: _____

Date: _____ Time: _____

The following items should be discussed:

1. Summary of Event
2. Current status of:
 - A. Corrective actions
 - B. Plant Conditions and Plant Equipment (including, but not limited to the following):
 1. RCS Temp
 2. RV Level
 3. S/G Levels
 4. Core Status
 5. Extent of Fuel Damage
 - C. Radiological Conditions
 1. In Plant
 2. Onsite
 3. Offsite
3. Protective Action Recommendations (PARs) made to local authorities
4. Protective Actions taken by local authorities

ATTACHMENT 5.2

EMERGENCY DIRECTOR TO RECOVERY MANAGER TURNOVER CHECKLIST

5. Status of communications with offsite organizations:
 - A. NYS/Counties
 - B. NRC
 - C. INPO
 - D. ANI
6. Security readiness
7. Current facilities readiness
 - A. Current/expected level of staffing
 - B. Shift schedules
8. Status of offsite support and contractual information.

Attachment 5.3

EVENT SUMMARY REPORT FORMAT

Date:

Time:

To: Offsite Authority (NRC, State, County)

From: Name (Recovery Manager)

Subject: Event Summary Report of Emergency Declared at Indian Point
Nuclear Plant

The Indian Point Nuclear Plant terminated from emergency status at [time] and entered into Recovery.

The following is a review of events and items pertaining to [Indicate EAL and Type] reported on [date].

[Provide a narrative of the event] (describe the event giving the facts of the emergency including as a minimum:)

1. Time and description of initiating events (i.e., "On July 4, 1999, at 0640 hours a bomb threat was received at....."). Include information on personnel injuries and status. (DO NOT INCLUDE NAME(S) OF VICTIMS UNLESS THE FAMILY HAS BEEN NOTIFIED).
2. Performance of initial notifications to offsite authorities, to include time, location and mode of notification (That is: fax, radio, telephone).
3. Requests for offsite assistance, including time and type.
4. The magnitude of any radiological release and Protective Action Recommendation information as applicable.
5. Telephone numbers where people can call for any additional information (such as the Rumor Control or Media Centers).

Approval: Signature

A