

Document Transmittal Form

To: NRC C/O PINCKNEY, DAVID
DOCUMENT CONTROL DESK
WASHINGTON, DC 20555

ID: EPIP059

Date: 20011109

Please update your controlled set of documents with the following list of documents:

Document ID	Revision	Status	Quantity	Format	RecNo
PRC EPIP-TOC-COMMON 000	16	A	1	H	120791
PRC NC.EP-EP.ZZ-0102 000	4	A	1	H	120839

This acknowledgement receipt must be returned within 5 working days to:

Document Management:
PSEG Nuclear
BOX 236
Hancocks's Bridge, NJ 08038

MC N04

Your signature below verifies that:

(1) the above documents have been filed and superseded documents have been removed and destroyed or clearly marked as obsolete.

(2) the mailing address and copy holder information are correct or corrections have been identified on this transmittal.

Place checkmark here to remove from controlled distribution

Signature: _____

Date: _____

A045

PSEG NUCLEAR
ONSITE IMPLEMENTING PROCEDURES
November 09, 2001

CHANGE PAGES FOR
REVISION #16

PSE&G
CONTROL
COPY # EPIPO59

The Table of Contents forms a general guide to the current revision of each section of the Onsite EPEPs. The changes that are made in this TOC Revision #16 are shown below. Please check that your revision packet is complete and remove the outdated material listed below:

ADD			REMOVE		
Page	Description	Rev.	Page	Description	Rev.
ALL	TOC	16	ALL	TOC	15
All	EPEP 0102	04	All	EPEP 0102	03

PSEG NUCLEAR LLC
EMERGENCY PLAN ONSITE IMPLEMENTING PROCEDURES
TABLE OF CONTENTS
November 09, 2001

**PSEG
CONTROL
COPY #** EPIP059

STATION PROCEDURES

		<u>Revision Number</u>	<u>Number Pages</u>	<u>Effective Date</u>
NC.EP-EP.ZZ-0101(Q)	ACTIONS REQUIRED AT UNAFFECTED STATION	00	12	02/29/2000
NC.EP-EP.ZZ-0102(Q)	EMERGENCY COORDINATOR RESPONSE	04	22	11/09/2001
NC.EP-EP.ZZ-0201(Q)	TSC - INTEGRATED ENGINEERING RESPONSE	02	24	10/24/2000
NC.EP-EP.ZZ-0202(Q)	OPERATIONS SUPPORT CENTER (OSC) ACTIVATION AND OPERATIONS	02	29	05/24/2001
NC.EP-EP.ZZ-0203(Q)	ADMINISTRATIVE SUPPORT/ COMMUNICATION TEAM RESPONSE - TSC	01	14	09/14/2000
EPIP 204H	EMERGENCY RESPONSE CALLOUT/PERSONNEL RECALL	53	32	08/23/2001
EPIP 204S	EMERGENCY RESPONSE CALLOUT/PERSONNEL RECALL	53	32	08/23/2001
HC.EP-EP.ZZ-0205(Q)	TSC - POST ACCIDENT CORE DAMAGE ASSESSMENT	02	39	10/24/2000
SC.EP-EP.ZZ-0205(Q)	TSC - POST ACCIDENT CORE DAMAGE ASSESSMENT	01	82	05/24/2001
HC.EP-EP.ZZ-0301(Q)	SHIFT RADIATION PROTECTION TECHNICIAN RESPONSE	02	21	05/24/2001

PSEG NUCLEAR LLC
EMERGENCY PLAN ONSITE IMPLEMENTING PROCEDURES
TABLE OF CONTENTS
November 09, 2001

		<u>Revision Number</u>	<u>Number Pages</u>	<u>Effective Date</u>
SC.EP-EP.ZZ-0301 (Q)	SHIFT RADIATION PROTECTION TECHNICIAN RESPONSE	03	35	05/24/2001
NC.EP-EP.ZZ-0302 (Q)	RADIOLOGICAL ASSESSMENT COORDINATOR RESPONSE	04	19	05/24/2001
NC.EP-EP.ZZ-0303 (Q)	CONTROL POINT - RADIATION PROTECTION RESPONSE	01	25	09/14/2000
NC.EP-EP.ZZ-0304 (Q)	OPERATIONS SUPPORT CENTER (OSC) RADIATION PROTECTION RESPONSE	03	20	05/24/2001
NC.EP-EP.ZZ-0305 (Q)	POTASSIUM IODIDE (KI) ADMINISTRATION	00	10	02/29/2000
NC.EP-EP.ZZ-0306 (Q)	EMERGENCY AIR SAMPLING	00	12	02/29/2000
NC.EP-EP.ZZ-0307 (Q)	PLANT VENT SAMPLING	00	13	02/29/2000
NC.EP-EP.ZZ-0308 (Q)	PERSONNEL/VEHICLE SURVEY AND DECONTAMINATION	00	16	02/29/2000
NC.EP-EP.ZZ-0309 (Q)	DOSE ASSESSMENT	02	78	05/24/2001
NC.EP-EP.ZZ-0310 (Q)	RADIATION PROTECTION SUPERVISOR - OFFSITE AND FIELD MONITORING TEAM RESPONSE	03	47	05/24/2001
NC.EP-EP.ZZ-0311 (Q)	CONTROL POINT - CHEMISTRY RESPONSE	01	17	01/09/2001
NC.EP-EP.ZZ-0312 (Q)	CHEMISTRY SUPERVISOR - CP/TSC RESPONSE	02	25	01/09/2001

PSE&G
CONTROL
COPY # EPIP059

USE CATEGORY: **II**

REVISION SUMMARY:

Biennial Review Yes No

Added new steps to have the OS as Emergency Coordinator implement Attachment 10, (Security Emergency Guideline - SEG), if in a security based emergency.

Added Attachment 10 (Security Emergency Guideline - SEG).

Revised Manager – CA, EP, & IT to EP Manager through out the procedure.

IMPLEMENTATION REQUIREMENTS

Issued for use.

EFFECTIVE DATE 11/9/01

APPROVED:  EP Manager 10/26/01 Date

APPROVED:  Vice President - Operations 10/26/01 Date

EMERGENCY COORDINATOR RESPONSE

TABLE OF CONTENTS

<u>Section</u>	<u>Title</u>	<u>Page</u>
1.0	PURPOSE.....	2
2.0	PREREQUISITES	2
	2.1 Prerequisites to be Followed Prior to Implementation:.....	2
3.0	PRECAUTIONS AND LIMITATIONS.....	2
	3.1 Precautions and Limitations to be Followed Prior to Implementation:....	2
4.0	EQUIPMENT REQUIRED	2
5.0	PROCEDURE:.....	3
	5.1 Initial Actions:.....	3
	5.2 Emergency Conditions:.....	3
	5.3 Subsequent Actions	4
	5.4 EC Duties Turnover	4
	5.5 Termination/Reduction/Recovery.....	4
	5.6 Reporting	5
6.0	RECORDS.....	5
7.0	REFERENCES	5
	7.1 REFERENCES	5
	7.2 CROSS REFERENCES.....	5
8.0	COMMITMENT DOCUMENTS.....	5
ATTACHMENTS		
	ATTACHMENT 1 REPORTING CHECKLIST	6
	ATTACHMENT 2 EC EMERGENCY STATUS BRIEFING FORM	7
	ATTACHMENT 3 ACCOUNTABILITY ACTIONS AND RESULTS.....	9
	ATTACHMENT 4 GENERAL EMERGENCY MESSAGE.....	11
	ATTACHMENT 5 SITE AREA EMERGENCY MESSAGE	12
	ATTACHMENT 6 ALERT MESSAGE	13
	ATTACHMENT 7 UNUSUAL EVENT MESSAGE.....	14
	ATTACHMENT 8 ACTIVATION of the TSC	15
	ATTACHMENT 9 ACTIVATION of the EOF.....	17
	ATTACHMENT 10 SECURITY EMERGENCY GUIDELINE (SEG)	20

1.0 **PURPOSE**

This procedure provides emergency response instructions to the Emergency Coordinator (EC) after emergency classification.

2.0 **PREREQUISITES**

2.1 **Prerequisites to be Followed Prior to Implementation:**

2.1.1 ECG Attachment 1, 2, 3, 4 or 24 was completed.

3.0 **PRECAUTIONS AND LIMITATIONS**

3.1 **Precautions and Limitations to be Followed Prior to Implementation:**

- 3.1.1 Initials should be used in place of keeping sign-offs, instead of checkmarks.
- 3.1.2 Activation of the Emergency Response Organization (ERO) during an Unusual Event is implemented at the discretion of the Emergency Coordinator (EC). If additional support personnel are needed during an Unusual Event, then limited or full staffing of the TSC may be initiated at the discretion of the EC. Limited staffing may be initiated by contacting selected support personnel on an individual basis in lieu of activating the full ERO.
- 3.1.3 Activation of the ERO Callout system is expected during an Unusual Event that is based on a Security Event as called for in Attachment 10, Security Emergency Guideline, (SEG).

4.0 **EQUIPMENT REQUIRED**

As provided in the Control Room, TSC and EOF.

NOTE

Should the EDO/ERM be unable to fulfill the duties of EC for any reason (sudden illness, accident, etc.) the Technical Support Supervisor (TSS) or Site Support Manager (SSM) may assume the duties and responsibilities of EC until another qualified EDO/ERM arrives.

5.0 PROCEDURE:

5.1 Initial Actions:

- OS** 5.1.1. **Implement SEG**, Security Emergency Guideline, if Security based emergency, IAW:
- EDO** 5.1.2. **ACTIVATE** the TSC.
- ERM** 5.1.3. **ACTIVATE** the EOF.

Note: Initial each block as applicable.

UE	A	SAE	GE
ATT 10	ATT 10	ATT 10	ATT 10
Optional Att 8	ATT 8	ATT 8	ATT 8
Optional Att 9	Optional Att 9	ATT 9	ATT 9

NOTE

Since the Rad Alert alarm is located in the Control Room, the OS directs all emergency status announcements. EDO or ERM as the Emergency Coordinator ensures OS is notified to direct the emergency announcements.

5.2 Emergency Conditions:

- EC** 5.2.1. **DIRECT** the OS to generate the announcement of the emergency status and Assembly IAW: *For Security based emergency, SEG may require modifications of associated actions/announcements.*
- OS** 5.2.2 IF not performed previously, THEN **DIRECT** the OSC Coordinator to Activate the OSC IAW EPEP 202, OSC Activation and Operations.
- OS** 5.2.3 IF not performed previously, THEN **DIRECT** the other station OS to Implement EPEP-101, Actions Required at Unaffected Station: *For Security based emergency, SEG may require modifications of associated actions/announcements.*
- EC** 5.2.4 IF desired or **WHEN** required, **DIRECT** implementation of Accountability IAW: *For Security based emergency, SEG may require modifications of associated actions/announcements.*

Note: Initial each block as applicable.

UE	A	SAE	GE
ATT 7	ATT 6	ATT 5	ATT 4
Optional (Except security event)			
EPEP 101 Unusual Event Att 5	EPEP 101 ASSEMBLY Att 4	EPEP 101 ASSEMBLY Att 4	EPEP 101 ASSEMBLY Att 4
Optional Att 3	Optional Att 3	ATT 3	ATT 3

EC 5.2.5 **ENSURE** the NRC Data Sheet is completed and CM-1 notifies NRC as soon as possible, but not to exceed one hour from emergency classification IAW:

ECG ATT 5	ECG ATT 5	ECG ATT 5	ECG ATT 5
----------------------	----------------------	----------------------	----------------------

Note: Initial each block as applicable

5.3 **Subsequent Actions**

OS 5.3.1 **COORDINATE** and **PRIORITIZE** OSC tasks in conjunction with accident mitigation efforts.

EC 5.3.2 **IF** radionuclide concentrations exist *or* could potentially exist offsite in excess of 10CFR20 Appendix B limits, **THEN RECOMMEND** to the States of New Jersey and Delaware that the ingestion pathway be monitored.

**OS/
EDO** 5.3.3 **IF** needed, **CONTACT** unaffected station OS to identify and request available support personnel.

EC 5.3.4 **ENSURE** the NRC is notified of significant changes in emergency plant status, and implementation of 10CFR50.54x IAW:

UE	A	SAE	GE
ECG ATT 5	ECG ATT 5	ECG ATT 5	ECG ATT 5

Note: Initial each block as applicable.

5.4 **EC Duties Turnover**

EC IF relief is required, THEN PROVIDE turnover to the EDO/ERM: (Coordinate with the Communicators.)

UE	A	SAE	GE
optional ATT 2	ATT 2	ATT 2	ATT 2

Note: Initial each block as applicable.

5.5 **Termination/Reduction/Recovery**

EC **IMPLEMENT** NC.EP-EP.ZZ-0405 (Q), Emergency Termination / Reduction/Recovery, as appropriate.

UE	A	SAE	GE
OS /EDO	EDO /ERM	EDO /ERM	EDO /ERM

Note: Initial each block as applicable.

UE	A	SAE	GE
ATT 1	ATT 1	ATT 1	ATT 1

5.6 **Reporting**

EC

WHEN the event is terminated, THEN **ENSURE** appropriate reports are made and paperwork is forwarded to EP.

6.0 **RECORDS**

Forward all completed ECG Attachments / EPEPs / attachments / forms to EP Manager.

7.0 **REFERENCES**

7.1 **REFERENCES**

- 7.1.1. PSEG Nuclear Emergency Plan
- 7.1.2. NUREG-0654, Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants.
- 7.1.3. PSEG Nuclear Business Unit, NC.NA-AP.ZZ-0001(Q), Nuclear Procedure System.
- 7.1.4. PSEG Nuclear Business Unit, NC.NA-WG.ZZ-0001(Z), Procedure Writer's Guide.
- 7.1.5. NRC Security Advisory Basis Document, Notification - 20080626

7.2 **CROSS REFERENCES**

- 7.2.1 NC.EP-EP.ZZ-0405(Q), Emergency Termination/Reduction/Recovery
- 7.2.2 Hope Creek/Salem Event Classification Guide (ECG)

8.0 **COMMITMENT DOCUMENTS**

Commitment No. EP96-003, (Item #: LR-N96062)

ATTACHMENT 1
Page 1 of 1
REPORTING CHECKLIST

- | | <u>Initials</u> |
|---|-----------------|
| 1. ENSURE a Notification is created.

_____ | _____
OS |
| 2. FORWARD all completed ECG Attachments, EPEPs, attachments, forms, NRC Data Sheet and any supporting documentation to the EP Manager. | _____
OS |
| 3. REVIEW this Attachment, the notification and any other relevant information for correct classification of event and corrective actions taken. | _____
EP |
| 4. FORWARD Copies of the documentation to the LER Coordinator (LERC). | _____
EP |
| 5. ENSURE this documentation is retained IAW current PSEG Nuclear procedures. | _____
LERC |

ATTACHMENT 2
Page 1 of 2
EC EMERGENCY STATUS BRIEFING FORM

NOTE

Completion of this Attachment is optional. However, the information listed is useful for providing a thorough turnover to the EC.

1. EAL that is the basis for the emergency classification:

	Unusual Event	Alert	Site Area Emergency	General Emergency
a. EAL(s)#	_____	_____	_____	_____
			_____	_____
			_____	_____
b. Time declared	_____	_____	_____	_____
c. PAR based on 10 points?	_____ Yes _____ NO	Wind dir. (from)	_____	
d. Accountability? Results:	_____ Yes _____ NO	Time	_____	

2. Status of important safety systems:

3. Status of fuel cladding, reactor coolant system, and containment integrity:

4. Unusual radiological conditions currently existing:

ATTACHMENT 2
Page 2 of 2

5. OSC activated? (YES NO) Time Activated _____
In-Plant emergency actions underway (OSC priorities):

6. Identification of "out-of-service" equipment that needs repair: (not on priority list)

7. Offsite emergency actions underway (Did a release occur? Have field-monitoring teams been dispatched? State's PADs, etc.)

8. Prognosis for the situation to improve or worsen:

9. Adequacy of current Control Room staffing (Is an additional person needed to assist with communications?)

10. Emergency Operating Procedures (EOPs) being implemented.

11. Security Event details, were SEG Attachment 10 actions completed?

12. Other

ATTACHMENT 3
Page 1 of 2
ACCOUNTABILITY ACTIONS AND RESULTS

PERFORM

+0 Min

Initials / Time

- For an UNUSUAL EVENT, direct SECURITY (X2222) TO IMPLEMENT EPEP 902, SECTIONS 5.2, **Automated Accountability** and 5.3, **Accountability Report Generation**.

OR

- For an ALERT or higher, direct SECURITY (X2222) TO IMPLEMENT EPEP 902, SECTIONS 5.2, **Automated Accountability**, 5.3, **Accountability Report Generation** and 5.5, **Evacuation**.

AND

- Direct the other station's OS TO IMPLEMENT NC.EP-EP.ZZ-0101 SECTION 5.1.1, **ACCOUNTABILITY Attachment 3**

Hope Creek (NETS X5221)

Salem (NETS X5122)

 /
EDO/OS Time

DIRECT

SOUND

RAD ALERT ALARM

AND

ANNOUNCE TWICE

"ATTENTION, ATTENTION, ALL ACCOUNTABILITY STATIONS,
 IMPLEMENT ACCOUNTABILITY."

DIRECT

 /
Announcer Time

+20 Min after above announcement was made.

ANNOUNCE TWICE

"ATTENTION, ATTENTION. ALL ACCOUNTABILITY STATIONS,
 COMPLETE ACCOUNTABILITY."

 /
Announcer Time

ATTACHMENT 3
Page 2 of 2

Initials

+30 min after implement accountability announcement was made:

NOTE

IF the TSC has not yet been manned by the TSC security liaison,
 THEN Security will report the results of the accountability
 immediately to the Operations Superintendent (OS) of both stations.

1. OBTAIN from Security a list of unaccounted personnel. IF Security has not supplied results of the accountability within 30 minutes of the first accountability announcement, then contact the affective station's TSC Security Liaison and request accountability results.

Hope Creek
 NETS X5214

Salem
 NETS X5117

EDO/OS

2. DESIGNATE an individual to attempt to locate unaccounted personnel as follows:
 - A. Page individuals over the plant page.
 - B. Obtain feedback from unaccounted person's co-workers/supervisors on last known location/job assignment.
 - C. Call individual's home to verify work schedule.
 - D. Request Security's assistance in locating unaccounted personnel.

EDO/OS

3. UPDATE Security as missing personnel are located.

EDO/OS

4. INITIATE search and rescue operations in accordance with EPEP 202, OSC Activation and Operations, as appropriate.

EDO/OS

5. As the situation dictates and/or as radiological conditions permit:
IF all onsite Emergency Response Facilities are completely staffed,
THEN release/evacuate extra personnel who reported to the OSC, TSC, CP or Maintenance Shop for accountability.

EDO/OS

ATTACHMENT 4
Page 1 of 1
GENERAL EMERGENCY MESSAGE

Initials

SOUND

RAD ALERT ALARM

AND

ANNOUNCE TWICE

"ATTENTION ALL PERSONNEL. ATTENTION ALL PERSONNEL.
(HOPE CREEK – SALEM Unit 1/Unit 2) IS IN A General Emergency
Circle one – cross out the others

DUE TO:

ALL PSEG PERSONNEL REPORT TO YOUR ASSIGNED ASSEMBLY
AREA. ALL CONTRACTORS LEAVE THE SITE IMMEDIATELY.

Announcer

RADIO

REPEAT EMERGENCY ANNOUCEMENT MESSAGE

Announcer

IF NOT PERFORMED PREVIOUSLY,
DIRECT Security (x2222)

- IMPLEMENT both EPEP 901, Onsite Security Response, and EPEP 903, Opening of Emergency Operations Facility (EOF).
- IMPLEMENT EPEP 0902, section 5.1 Assembly, DUE TO:
(read "Due TO:" from above)_____

Announcer

ATTACHMENT 5
Page 1 of 1
SITE AREA EMERGENCY MESSAGE

Initials

SOUND

RAD ALERT ALARM

AND

ANNOUNCE TWICE

**"ATTENTION ALL PERSONNEL. ATTENTION ALL PERSONNEL.
(HOPE CREEK – SALEM Unit 1/Unit 2) IS IN A Site Area Emergency**

Circle one – cross out the others

DUE TO:

ALL PSEG PERSONNEL REPORT TO YOUR ASSIGNED ASSEMBLY
AREA. ALL CONTRACTORS LEAVE THE SITE IMMEDIATELY.

Announcer

RADIO

REPEAT EMERGENCY ANNOUCEMENT MESSAGE

Announcer

IF NOT PERFORMED PREVIOUSLY,

DIRECT Security (x2222)

- IMPLEMENT both EPEP 901, Onsite Security Response, and EPEP 903, Opening of Emergency Operations Facility (EOF).
- IMPLEMENT EPEP 0902, section 5.1 Assembly, DUE TO:
(read "DUE TO:" from above) _____

Announcer

ATTACHMENT 6
Page 1 of 1
ALERT MESSAGE

Initials

SOUND

RAD ALERT ALARM

AND

ANNOUNCE TWICE

"ATTENTION ALL PERSONNEL. ATTENTION ALL PERSONNEL.
(HOPE CREEK – SALEM Unit 1/Unit 2) IS IN AN Alert
Circle one – cross out the others

DUE TO:

ALL PSEG PERSONNEL REPORT TO YOUR ASSIGNED ASSEMBLY
AREA. ALL CONTRACTORS LEAVE THE SITE IMMEDIATELY.

Announcer

RADIO

REPEAT EMERGENCY ANNOUCEMENT MESSAGE

Announcer

IF NOT PERFORMED PREVIOUSLY,
DIRECT Security (x2222)

- IMPLEMENT both EPEP 901, Onsite Security Response, and EPEP 903, Opening of Emergency Operations Facility (EOF).
- IMPLEMENT EPEP 0902, section 5.1 Assembly, DUE TO:
(read "DUE TO:" from above) _____

Announcer

ATTACHMENT 7
Page 1 of 1
UNUSUAL EVENT MESSAGE

Initials

SOUND

RAD ALERT ALARM

AND

ANNOUNCE TWICE

“ATTENTION ALL PERSONNEL. ATTENTION ALL PERSONNEL.
 (HOPE CREEK – SALEM Unit 1/Unit 2) IS IN AN UNUSUAL EVENT DUE TO:
Circle one – cross out the other

_____”

Announcer

RADIO

REPEAT UNUSUAL EVENT ANNOUCEMENT MESSAGE

Announcer

Notify Security (x2222) of Unusual Event

Announcer

ATTACHMENT 8
Page 1 of 2
ACTIVATION of the TSC

- 1.0 Prior To TSC Activation (i.e., Before Assuming Emergency Coordinator Duties):
- 1.1 ESTABLISH and MAINTAIN a chronological log of activity and events. _____
 - 1.2 OBTAIN a briefing on the status of the emergency from the Operations Superintendent (OS). Refer to Attachment 2, EC Emergency Status Briefing Form for turnover points of discussion. _____
 - 1.3 ENSURE that TSC section leads are making preparations to assume emergency response functions while ensuring adequate staffing: _____
 - Radiological Assessment Coordinator (RAC)
 - Technical Support Supervisor (TSS)
 - Administrative Support supervisor
 - EPA or CM-1
 - Security
 - 1.4 PERFORM initial briefing to the TSC staff on emergency conditions and the following issues: _____
 - Plant conditions
 - Introduce section leads
 - Noise control
 - Administrative services
 - Synchronize all TSC clock and personnel watches with SPDS time.
 - 1.5 PREPARE to activate the TSC and ASSUME the duties and responsibilities of the Emergency Coordinator as follows: _____
 - ENSURE each functional group at the TSC has received a detailed briefing from their counterpart in the Control Room and are ready to support TSC activation. (i.e., EDO/OS, TSS/STA, RAC/SRPT). _____
 - ENSURE TSC communicators are ready to assume communications and notification responsibilities from the TSC. This includes coordination of requirement for the "Station Status Checklist", and NRC Updates. _____
 - VERIFY which EPEP is currently being implemented by the OS, which steps are completed and which steps will be turned over for completion. _____

ATTACHMENT 8
Page 2 of 2

- 1.6 ACTIVATE the TSC by contacting the OS, and with his concurrence, assume the EC's function. _____
 - Ensure TSC Communicators assume communications and notification responsibilities coincident with the EC turnover.

2.0 Upon Assuming Emergency Coordinator Duties, the EDO Should:

- 2.1 ANNOUNCE to the staff that the TSC is activated, the effective time and that you are the Emergency Coordinator. _____
- 2.2 NOTIFY ERM of TSC activation and provide a brief status update. _____
- 2.3 REVIEW the ECG for conditions that may require Event Classification escalation. _____
- 2.4 ENSURE the Station Status Checklist is reviewed and approved for transmission to the states every 30 minutes. _____
- 2.5 IMPLEMENT NC.EP-EP.ZZ-0404(Q), Protective Action Recommendations Upgrades, after an initial PAR for a General Emergency has been made. _____
- 2.6 GIVE a status briefing and coordinate the integration of NRC team members within functional areas of the TSC upon arrival of an NRC emergency response team. _____
- 2.7 PROVIDE periodic status briefing to the unaffected station's OS and EDO. _____

ATTACHMENT 9
Page 1 of 3
ACTIVATION of the EOF

- 1.0 Prior To EOF Activation (i.e., Before Assuming Emergency Coordinator Duties):
- 1.1 THEN ESTABLISH and MAINTAIN a chronological log of activity and events. _____
- 1.2 IF the EPC is available:
 DIRECT Emergency Preparedness Coordinator (EPC) to implement EPEP 401, EPC Response. _____
- 1.3 OBTAIN a briefing on the status of the emergency from the Emergency Duty Officer (EDO). Refer to Attachment 2, Emergency Status Briefing Form for turnover points of discussion. _____
- 1.4 ENSURE that EOF section leads are making preparations to assume emergency response functions while ensuring adequate staffing: _____
 - A. Radiological Support Manager (RSM)
 - B. Site Support Manager (SSM)
 - C. Technical Support Manager (TSM)
 - D. Administrative Support Manager (ASM)
- 1.5 ENSURE the Public Information Liaison (PIL) is provided with plant and emergency status information. _____
- 1.6 PERFORM initial briefing to the EOF staff on emergency conditions and the following issues: _____
 - Plant conditions
 - Introduce section leads
 - Noise control
 - ASM provides administrative services
 - Synchronize all EOF clock and personnel watches with SPDS time.
- 1.7 PERFORM periodic EOF leads briefings to exchange information as outlined IAW, "EOF Briefing Checklist." _____
- 1.8 PERFORM briefings for the entire EOF staff regarding current emergency events/status changes. _____

ATTACHMENT 9
Page 2 of 3

- 1.9 GIVE a status briefing and coordinate the integration of NRC team members within functional areas of the EOF upon arrival of an NRC emergency response team. _____
- 1.10 GIVE and OBTAIN status updates from the EDO to include the status of unaffected units/station, Onsite Protective actions implemented, and Corrective Actions in progress and their priorities. _____
- 1.11 DIRECT ASM to request assistance from federal, state, local, and private support agencies as required. _____
- 1.12 DIRECT ASM to assure continuity of personnel and resources for 24-hour operation of all emergency response facilities. _____
- 1.13 PREPARE to activate the EOF and ASSUME the duties and responsibilities of the Emergency Coordinator as follows: _____
 - A. ENSURE each functional group at the EOF has received a detailed briefing from their counterpart in the TSC and are ready to support EOF activation. (i.e., ERM/EDO, SSM/TSS, RSM/ RAC, TSM/TSTL, ASM/AS-SUP, EPA EOF/EPA TSC). _____
 - B. ENSURE EOF communicators are ready to assume communications and notification responsibilities from the TSC. This includes coordination of requirement for the "Station Status Checklist", NRC Updates, and Offsite Dose Assessment. _____
- 1.14 ACTIVATE the EOF by contacting the EDO, and with his concurrence, assume the Emergency Coordinator's function. _____
 - Ensure EOF Communicators assume communications and notification responsibilities coincident with the EC turnover.

ATTACHMENT 9
Page 3 of 3

2.0 Upon Assuming Emergency Coordinator Duties, the ERM Should:

- 2.1 ANNOUNCE to the staff that the EOF is activated, the effective time and that you are the Emergency Coordinator. _____
- 2.2 NOTIFY State Directors of EOF activation and provide a brief status update. (NJ Director – NETS x5410; DE Director – NETS x5412) _____
- 2.3 REVIEW the ECG for conditions that may require Event Classification escalation. _____
- 2.4 ENSURE the Station Status Checklist is reviewed and approved for transmission to the states every 30 minutes. _____
- 2.5 IMPLEMENT NC.EP-EP.ZZ-0404(Q), Protective Action Recommendations Upgrades, after an initial PAR for a General Emergency has been made. _____
- 2.6 NOTIFY corporate management periodically regarding emergency status. _____
- 2.7 NOTIFY both State Directors regularly to provide status updates, ensure data flow is satisfactory, obtain information concerning any Protective Actions implemented by the States. (NJ Director – NETS x5410; DE Director – NETS x5412) _____

NOTE:

New Jersey has responsibility for notification and communications with the contiguous (ingestion pathway) States of Pennsylvania and Maryland.

- 2.8 OBTAIN Ingestion Pathway Actions implemented by all four States from both State Directors. (NJ Director – NETS x5410; DE Director – NETS x5412)

ATTACHMENT 10
Page 1 of 3
SECURITY EMERGENCY GUIDELINE (SEG)

I. ENTRY CONDITIONS:

Security based emergency is occurring or imminent. (Continue these actions until the security threat is averted or other specific direction is provided in response to the event).

II. PROMPT ACTIONS

1. **IF** entry into this guideline was based on a Security Event classified at an **ALERT or higher level**, (EAL 9.1.2 or 9.1.3 or 9.1.4) **AND**, the Security Event/Threat is ongoing, **OR**,

IF Operation's Superintendent (OS) judgment is that a credible threat to plant structures/equipment is imminent by a security event in progress,

THEN:

- **SCRAM/TRIP** the reactor. If time allows, ensure scrambling/tripping the reactor is coordinated with the other unit to prevent tripping all three units concurrently. (HC.OP-AB.ZZ-000 & S1(2)-EOP-TRIP-001)
- **COMMENCE** plant cool down to cold shutdown. (HC.OP.IO.ZZ-0004 & S1(2).OP-IO.ZZ-0006)
- **START** Emergency Diesel Generators. Do not load. (HC.OP-SO.KJ-0001 & S1(2).OP-SO.DG-001, 002, 003)
- **(SALEM ONLY) PLACE** the Control Room Ventilation in the Fire Outside Control Room Mode IAW S1(2).OP-SO.CAV-0001.
- **(HOPE CREEK ONLY) PLACE** the Control Room Ventilation in the Recirculation Mode IAW HC.OP-SO.GK-0001.

2. **IF** entry into this guideline was based on a Security Event classified at an **UNUSUAL EVENT** level,

THEN:

- **Call-out** the Emergency Response Organization (ERO) by locating the confidential envelope in the Operations Superintendent (OS) desk marked "Emergency Callout", remove the card that contains the callout system activation steps and follow the directions.

ATTACHMENT 10 - SEG
Page 2 of 3

3. **IF/WHEN**, Assembly or Accountability and Evacuation is required by this EPEP,
- THEN** consider delaying or modifying associated page announcements or actions based on the type of security event that is in progress.
- **CONSULT** with Security to determine if Assembly, Accountability, or Evacuation can be safely implemented.
 - **CONSIDER** use of alternate assembly locations (e.g., Hope Creek Unit 2 Reactor Building, Material Center, "B" Building, etc.).
 - **CONSIDER** leaving personnel in their current office / shop areas.
 - **CONSIDER** potential alternate evacuation routes for **EXITING SITE**:
 - Via the Material Center
 - Via the South Sally Port
 - Via water/aircraft
 - **MODIFY** plant page announcements for both stations as needed to maximize the safety of the plant and plant personnel.
 - Assembly announcement is directed in step 5.2.1.
 - Accountability/Evacuations announcement is directed in step 5.2.4.
4. **IF** in the EC's judgment (based on discussion with Security) it is **not** safe to have ERO responders report to the site,

THEN

- **DIRECT** security to request LAC Police block off the Access Road at the LAC traffic light and direct all Emergency Responders to report to the EOF.
- **DIRECT** PSEG Access checkpoint security personnel to relocate to the LAC traffic light to assist.

III. **SUBSEQUENT ACTIONS**

- 1 **IF** in an outage condition,

THEN:

- **TERMINATE** fuel movement. Place any currently loaded fuel bundles in a safe location (preferably either the original location or destination location).
- **TERMINATE** Containment Purge
- **ESTABLISH** Containment Integrity

ATTACHMENT 10 - SEG
Page 3 of 3

SUBSEQUENT ACTIONS (cont'd)

3. **TERMINATE** planned releases that are in-progress.
4. (Salem Only) **START** Unit 3 if needed to provide additional backup power capability.
5. (**HOPE CREEK ONLY**) **WHEN** the OSC is staffed, **DIRECT** the OSCC to have the Hope Creek TSC ventilation system place in Recirculation Mode .
6. (**SALEM ONLY**) **WHEN** the OSC is staffed, **DIRECT** the OSCC to have the Salem TSC ventilation placed in the "Operations During Toxic or Chemical Release" lineup. (SC.OP-SO.TSC-0051)
7. **ENSURE** the availability of injection systems by performing the following:
 - Terminate surveillance activities and restore systems to a normal standby alignment.
 - Ensure the Condensate Storage Tank is filled to the upper end of the normal operating band.
 - Ensure the Demineralized Water Storage Tanks are filled to the upper end of the normal operating band.
 - Ensure RAP tanks (RWST, AFWST, & PWST) at Salem 1 & 2 are filled to the upper end of the normal operating band.
 - Ensure the potable and firewater storage tanks are at normal capacity.
 - Verify firewater header pressure is normal.
8. **RETURN** to page 3 of this procedure and continue implementations of **Section 5.2**

END