



JAN 10 2017

10 CFR 50.54(q)
10 CFR 50.4(b)(5)

LR-N17-0005

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555-0001

Salem Nuclear Generating Station, Units 1 and 2
Renewed Facility Operating License Nos. DPR-70 and DPR-75
NRC Docket Nos. 50-272 and 50-311

Hope Creek Generating Station
Renewed Facility Operating License No. NPF-57
NRC Docket No. 50-354

Subject: Emergency Plan Document Revision Implemented December 15, 2016

Pursuant to 10 CFR 50.54(q) and 10 CFR 50.4(b)(5), PSEG Nuclear LLC (PSEG) hereby submits 10 CFR 50.54(q) Summary Analysis Report (ID#2016-31) for an Emergency Plan Document revision implemented on December 15, 2016 (Attachment 1) and a copy of the revised document in its entirety (Enclosure 1) associated with the PSEG Nuclear LLC Emergency Plan.

There are no regulatory commitments contained in this letter.

This letter, Attachment 1, and Enclosure 1 do not contain any personal privacy, proprietary, or safeguards information for which protection is requested under the provisions for 10 CFR 2.390.

If you have any questions or require additional information, please contact Phil Quick, Emergency Preparedness Program Manager, at 856-339-3262.

Respectfully,

A handwritten signature in black ink, appearing to read "David Burgin", written over a horizontal line.

David Burgin
Manager - Emergency Preparedness

JAN 10 2017

Page 2
LR-N17-0005

10 CFR 50.54(q)
10 CFR 50.4(b)(5)

Attachment 1 – 10 CFR 50.54(q) Summary Analysis Report

Enclosure 1 – Emergency Plan Document Revisions, NC.EP-EP.ZZ-0102, Rev. 22

cc (without enclosures): Mr. D. Dorman, Administrator, Region I, NRC
Ms. C. Parker, Project Manager, NRC
NRC Senior Resident Inspector, Salem
NRC Senior Resident Inspector, Hope Creek
P. Mulligan, Chief, NJBNE
Commitment Tracking Coordinator, Salem
Commitment Tracking Coordinator, Hope Creek
Corporate Commitment Tracking Coordinator

LR-N17-0005

Attachment 1

10 CFR 50.54(q) Summary Analysis Report

10 CFR 50.54(g) SUMMARY ANALYSIS REPORT

50.54Q I.D. Number: 2016-31

50.54Q Title: NC.EP-EP.ZZ-0102(Q), Rev. 22, Emergency Coordinator Response

Description of the change made to the Emergency Plan/Procedures:

The Emergency Coordinator Response Procedure is being revised to incorporate the following changes:

- Added NOTE to Shift Manager (Page 7), Emergency Duty Officer (Page 11) and Emergency Response Manager (Page 15) sections addressing the use of the Station Status Check List (SSCL) to communicate a classification update (e.g. an escalation in point value within a classification).
- Attachment 3, 5A, 5B & 5C - Revised referenced NC.EP-EP.ZZ-0902(Q) steps throughout procedure to align with revised procedure.
- Attachment 3 - added sounding of the Radiation Alert Alarm for completion of accountability and "boxed" the accountability announcements to be consistent with other attachments in the procedure (70186982).
- Attachment 10 - Revised step 2.7 to place the required action at the beginning of the step for better usability.
- Added Attachment 12 – provides guidance for the organization of all-call extra responders.
- Added step to Emergency Duty Officer (page 9) at their discretion to direct an ERO member to implement Attachment 12.
- Added step to Emergency Response Manager (page 13) at their discretion to direct an ERO member to implement Attachment 12.

Description of why the change is editorial (if not editorial, N/A this block):

N/A, this change is not editorial.

Description of the licensing basis affected by the change to the Emergency Plan/Procedure (if not affected, omit this element):

There is no impact on the licensing basis due to this change.

10 CFR 50.54(q) SUMMARY ANALYSIS REPORT

50.54Q I.D. Number: 2016-31

50.54Q Title: NC.EP-EP.ZZ-0102(Q), Rev. 22, Emergency Coordinator Response

A description of how the change to the Emergency Plan/Procedures still complies with regulation:

This change complies with regulations based on a review of the following: 10 CFR 50.47(b), Planning Standards 5, 10 CFR 50, Appendix E, IV., NUREG-0654, and Regulatory Guide 1.219.

A description of why the proposed change was not a reduction in the effectiveness of the Emergency Plan/Procedure:

The proposed changes provide additional guidance to the EC regarding SSCL usage and response to the all-call ERO response. There are other minor changes that provide clarity and align the procedure with other site procedures. Therefore, there is no reduction in effectiveness of the PSEG Nuclear Emergency Plan.

LR-N17-0005

Enclosure 1

Emergency Plan Document Revisions

LR-N17-0005
Enclosure 1

Emergency Plan Document Revision Implemented December 15, 2016

NC.EP-EP.ZZ-0102, Revision 22, Emergency Coordinator Response

**PSEG NUCLEAR L.L.C.
EMERGENCY PREPAREDNESS
NC.EP-EP.ZZ-0102(Q) Rev. 22
EMERGENCY COORDINATOR RESPONSE**

USE CATEGORY: II

- A. Biennial review performed: Yes ____ No ____ N/A
- B. Packages and Affected Document Numbers incorporated into this revision: None
- C. The following OTSCs were incorporated into this revision: None
-

REVISION SUMMARY:

- Added NOTE to Shift Manager (Page 7), Emergency Duty Officer (Page 11) and Emergency Response Manager (Page 15) sections addressing the use of the Station Status Checklist (SSCL) to communicate a classification update (e.g. an escalation in point value with in a classification)
- Added step to Emergency Duty Officer (Page 9) at their discretion to direct an ERO member to implement Attachment 12.
- Added step to Emergency Response Manager (Page 13) at their discretion to direct an ERO member to implement Attachment 12.
- Attachment 3, 5A, 5B & 5C - Revised referenced NC.EP-EP.ZZ-0902(Q) steps throughout procedure to align with revised procedure.
- Attachment 3 - added sounding of the Radiation Alert Alarm for completion of accountability and “boxed” the accountability announcements to be consistent with other attachments in the procedure (70186982)
- Attachment 10 - Revised step 2.7 to place the required action at the beginning of the step for better usability
- Added Attachment 12 - providing guidance for the organization of all-call extra responders

**EMERGENCY COORDINATOR RESPONSE
TABLE OF CONTENTS**

<u>Section</u>	<u>Title</u>	<u>Page</u>
1.0	PURPOSE.....	2
2.0	PREREQUISITES	2
3.0	PRECAUTIONS AND LIMITATIONS.....	2
4.0	EQUIPMENT REQUIRED	3
5.0	PROCEDURE.....	4
	5.1 Shift Manager (SM) Actions	4
	5.2 Emergency Duty Officer (EDO) Actions	9
	5.3 Emergency Response Manager (ERM) Actions	13
6.0	RECORDS.....	17
7.0	REFERENCES	17
8.0	COMMITMENT DOCUMENTS.....	17

ATTACHMENTS:

ATTACHMENT 1	DOCUMENTATION CHECKLIST	18
ATTACHMENT 2	EC EMERGENCY STATUS BRIEFING FORM.....	19
ATTACHMENT 3	ACCOUNTABILITY ACTIONS AND RESULTS	21
ATTACHMENT 4	UNUSUAL EVENT ANNOUNCEMENT	23
ATTACHMENT 5A	ALERT ANNOUNCEMENT	24
ATTACHMENT 5B	SITE AREA EMERGENCY ANNOUNCEMENT	25
ATTACHMENT 5C	GENERAL EMERGENCY ANNOUNCEMENT	26
ATTACHMENT 6	ACTIVATION of the TSC	27
ATTACHMENT 7	ACTIVATION of the EOF	29
ATTACHMENT 8	Reserved for Future Use	32
ATTACHMENT 9	Reserved for Future Use.....	33
ATTACHMENT 10	SECURITY EMERGENCY GUIDELINE(SEG).....	34
ATTACHMENT 11	Allowable Deviations from Normal Work Practices In Emergencies..	39
ATTACHMENT 12	Organization Of All-Call Extra Responders	41

EMERGENCY COORDINATOR RESPONSE

1.0 PURPOSE

This procedure provides:

- Emergency response instructions to the Emergency Coordinator (EC) after emergency classification.
- Security Emergency Guidelines (SEG is Attachment 10) to the Shift Manager (SM) for use prior to or after emergency classification based on security events.
- SM Instructions while filling the role of EC and after being relieved as the EC and reverting back to the role of SM.
- Instructions to the EDO and ERM on how to activate the TSC and EOF and actions both prior to and after facility activation.

2.0 PREREQUISITES

Initials

2.1 Prerequisites to be Followed Prior to Implementation

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

OR

2.1.2 The Security Emergency Guideline, Attachment 10 of this procedure should be implemented immediately if the Shift Manager (SM) judges that security events warrant the implementation of the Operation’s Abnormal Procedure for Security Threat or Airborne Threat.

3.0 PRECAUTIONS AND LIMITATIONS

3.1 Precautions and Limitations to be Followed Prior to Implementation

3.1.1 Initials should be used for place keeping sign-offs.

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 A Loss of Command and Control is defined as either one of the following:

- any event resulting in a situation where a qualified SRO is unable to establish direct control of the reactor from either the Control Room or the Remote Shutdown Panel(s).
- any event resulting in a situation where a qualified SRO is unable to implement the Emergency Plan.

Initials

3.1.4 IF circumstances prevent staffing and activation of the TSC, the SM may turnover EC responsibilities directly to the ERM at the EOF, bypassing the TSC.

3.1.5 IF the “Two-Person Line of Sight Rule” is in effect, the deployment of all teams within the vital area will be done IAW SY-AA-101-108, Attachment 2.

4.0 **EQUIPMENT REQUIRED**

As provided in the Control Rooms, TSCs and EOF.

5.0 PROCEDURE

Initials/Time

- Shift Manager (SM) shall **IMPLEMENT** section 5.1 of this procedure.
- Emergency Duty Officer (EDO) shall **IMPLEMENT** section 5.2 of this procedure.
- Emergency Response Manager (ERM) shall **IMPLEMENT** section 5.3 of this procedure.

5.1 Shift Manager (SM) Actions:

NOTES	
1.	Should the Emergency Classification Level change, the SM shall implement actions based on the new Emergency Classification Level.
2.	After EC turnover to the EDO, the SM shall continue to implement the SM designated steps in Section 5.1.
3.	Since the Rad Alert alarm is located in the Control Room, the SM directs all emergency status change announcements.

Note: Initials/time each block as applicable

5.1.a	SM Emergency Actions – Initial	UE	A	SAE	GE
SM	<p><u>IF</u> EITHER one of the following has or is occurring:</p> <ul style="list-style-type: none"> • Security Based Emergency • Catastrophic Event – large explosion, airliner impact, etc. resulting in a loss of command and control at the other station <p><u>THEN</u></p> <p>IMPLEMENT Attachment 10 - Security Emergency Guideline (SEG), of this procedure</p>	<p>Att 10</p> <p>Init: _____</p> <p>Time: _____</p>	<p>Att 10</p> <p>Init: _____</p> <p>Time: _____</p>	<p>Att 10</p> <p>Init: _____</p> <p>Time: _____</p>	<p>Att 10</p> <p>Init: _____</p> <p>Time: _____</p>
SM	<p>For each change in Emergency Classification Level, DIRECT / MAKE emergency status announcements AND Security notifications as follows:</p> <ul style="list-style-type: none"> • IMPLEMENT Attachment 4 for Unusual Event • IMPLEMENT Attachment 5 for ALERT or Higher (will be requested by EDO if TSC is activated) <p><i>For Security based emergency, SEG may require modifications of associated actions/announcements.</i></p>	<p>Att 4</p> <p>Init: _____</p> <p>Time: _____</p>	<p>Att 5A</p> <p>Init: _____</p> <p>Time: _____</p>	<p>Att 5B</p> <p>Init: _____</p> <p>Time: _____</p>	<p>Att 5C</p> <p>Init: _____</p> <p>Time: _____</p>

Note: Initials/time each block as applicable

5.1.a	SM Emergency Actions – Initial (cont'd)	UE	A	SAE	GE
SM	<p>DIRECT the other station's SM to:</p> <ul style="list-style-type: none"> If not done previously, IMPLEMENT NC.EP-EP.ZZ-0101, Actions Required at Unaffected Station. DIRECT / MAKE a Plant Page announcement per the applicable referenced attachment based on the current emergency level. <p><i>For Security based emergency, SEG may require modifications of associated actions/announcements.</i></p>	<p>EPEP 101</p> <p>UE Att 5</p> <p>Init: _____</p> <p>Time: _____</p>	<p>EPEP 101</p> <p>ASSEMBLY Att 4</p> <p>Init: _____</p> <p>Time: _____</p>	<p>EPEP 101</p> <p>ASSEMBLY Att 4</p> <p>Init: _____</p> <p>Time: _____</p>	<p>EPEP 101</p> <p>ASSEMBLY Att 4</p> <p>Init: _____</p> <p>Time: _____</p>
SM	<p><u>IF</u> not performed previously, THEN DIRECT the OSC Coordinator to Activate the OSC IAW NC.EP-EP.ZZ-0202, OSC Activation and Operations.</p>	<p>Optional (Mandatory for security event)</p>	<p>Init: _____</p> <p>Time: _____</p>	<p>Init: _____</p> <p>Time: _____</p>	<p>Init: _____</p> <p>Time: _____</p>
EC	<p>COMPLETE or DIRECT completion of the NRC Data Sheet IAW ECG Att. 5 and PROVIDE to the Primary and Secondary Communicators (CM1/CM2) to notify the NRC as soon as possible.</p> <p>NOTE: The 60 minute notification requirement is met when the NRC is contacted IAW EP-SA/HC-111-F6.</p>	<p>Init: _____</p> <p>Time: _____</p>	<p>Init: _____</p> <p>Time: _____</p>	<p>Init: _____</p> <p>Time: _____</p>	<p>Init: _____</p> <p>Time: _____</p>
SM	<p>Prior to TSC activation, <u>IF</u> desired or <u>WHEN</u> required, THEN DIRECT IMPLEMENTATION / IMPLEMENT Accountability IAW Attachment 3 of this procedure.</p> <p><i>For Security based emergency, SEG may require modifications of associated actions/announcements.</i></p>	<p>Optional</p>	<p>Optional</p>	<p>Init: _____</p> <p>Time: _____</p>	<p>Init: _____</p> <p>Time: _____</p>

Note: Initials/time each block as applicable

5.1.b	SM Subsequent Actions	UE	A	SAE	GE
EC	<p>If ERO callout was activated, PREPARE for EC turnover to the EDO OR ERM using the WebEOC EC Status Briefing Board (or Attachment 2 - EC Emergency Status Briefing Form, of this procedure. As time allows, FAX completed Form to TSC.) <i>(Salem fax is NETS 5114 and Hope Creek fax is at NETS 5216)</i></p>	<p>Init: _____</p> <p>Time: _____</p>	<p>Init: _____</p> <p>Time: _____</p>	<p>Init: _____</p> <p>Time: _____</p>	<p>Init: _____</p> <p>Time: _____</p>
EC	<p>If needed, CONTACT unaffected station SM to identify and REQUEST available support personnel.</p>	<p>Init: _____</p> <p>Time: _____</p>	<p>Init: _____</p> <p>Time: _____</p>	<p>Init: _____</p> <p>Time: _____</p>	<p>Init: _____</p> <p>Time: _____</p>

Note: Initials/time each block as applicable

5.1.b	SM Subsequent Actions (cont'd)	UE	A	SAE	GE
SM	<p>Until relieved by the EDO, <u>IF</u> Remote Response Center (RRC) Guideline, SH.OP-AM.TSC-0002, REMOTE RESPONSE CENTER (RRC) OPERATIONS was implemented per directions in Attachment 10, <u>THEN</u>: [CM-HC.2007-42]</p> <ul style="list-style-type: none"> • PROVIDE overall direction (command & control) and support to the RRC Leader (NETS X5135 or DID X2801). • PROVIDE periodic briefings to the RRC Leader. • TURNOVER command & control of the affected station's emergency response to a qualified SM or EDO from the affected station when the affected station has adequate resources. 	Init: ____ Time: ____	Init: ____ Time: ____	Init: ____ Time: ____	Init: ____ Time: ____
SM	<p>Until relieved by the EDO, as needed/requested for accident mitigation (25R) or life saving (75R), AUTHORIZE Emergency Dose. (per OSC RP Response, NC.EP-EP.ZZ-0304)</p> <ul style="list-style-type: none"> • ENSURE RAC works with the OSC and considers dose savings to the public to expedite OSC team dispatch. • ENSURE backup actions are being planned; (OSC or TSC engineering staff). • ENSURE OSC Coordinator considers pre-staging teams at the control point while plans are being finalized. 	Init: ____ Time: ____	Init: ____ Time: ____	Init: ____ Time: ____	Init: ____ Time: ____
EC	<p>IAW ECG Attachment 5, NRC Data Sheet and Completion Reference, ENSURE the NRC is notified of:</p> <ul style="list-style-type: none"> • Significant changes in emergency or plant status including equivalent or lower EALs exceeded. • Implementation of 10CFR50.54x (Refer to OP-AA-101-111-1003, Section 4.7.2 as needed) • Non-emergency reportable conditions per RALs 	Init: ____ Time: ____	Init: ____ Time: ____	Init: ____ Time: ____	Init: ____ Time: ____

SM Continuous Actions on next page

Note: Initials/time each block as applicable

5.1.c	SM Continuous Actions	UE	A	SAE	GE
SM	COORDINATE and PRIORITIZE OSC tasks in conjunction with accident mitigation efforts.	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____
EC	ENSURE the Station Status Checklist (SSCL) is reviewed and approved for transmission to the states every 30 minutes.	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____
EC	If needed, CONTACT the NRC for Federal assistance or Federal resources.	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____
SM	If needed to address plant conditions during a severe accident not specifically addressed in approved procedures or in the Severe Accident Guidelines, IMPLEMENT/DIRECT implementation of the Supplemental Severe Accident Management Guideline, SH.OP-AM.TSC-0001 and associated Technical Support Center Assist Guidelines, SC/HC.OP-AM.TSC-XXXX.	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____
<p>NOTE</p> <p>When classifying an emergency using the Fission Product Barrier Table, it is possible for conditions to degrade but for the point total to remain in the same classification. For example, a six (6) point SAE degrades to a ten (10) point SAE or a twelve (12) point GE degrades to a thirteen (13) point GE. In these cases, the proper method of informing the states and NRC of the classification update is through the use of an updated Station Status Checklist (SSCL). Init: ____</p>					
SM	<p>REVIEW the ECG for conditions that may require Classification Escalation or PAR Upgrade:</p> <ul style="list-style-type: none"> • <u>IF</u> in the position of EC, and classification level is escalated, <u>THEN</u>, EXIT this procedure and IMPLEMENT the appropriate ECG attachment until directed back to this procedure. • <u>IF</u> in the position of EC, and a General Emergency was previously declared and conditions change such that a PAR Upgrade is needed, <u>THEN</u>, IMPLEMENT a new ECG Attachment 4 and UPGRADE the PAR on the ICMF. • <u>IF</u> EDO/ERM is the EC, <u>THEN</u>, PERFORM classification verification check and FEEDBACK results to EC. 	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____

Note: Initials/time each block as applicable

5.1.c	SM Continuous Actions (cont'd)	UE	A	SAE	GE
SM	When SM relief is required, USE WebEOC or Attachment 2 of this procedure and PROVIDE turnover to oncoming SM.	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____
SM	PROVIDE a control room crew update when the SM has completed EC turnover to the EDO in the TSC.	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____
SM	When relieved as the EC: <ul style="list-style-type: none"> • ENSURE all SM steps of this procedure are completed • If emergency is upgraded, PERFORM all SM steps for the new upgraded classification level. 	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____
SM	IMPLEMENT NC.EP-EP.ZZ-0405 (Q), Emergency Termination/Reduction/Recovery for UE termination as appropriate.	Init:____ Time:____	N/A	N/A	N/A
SM	<u>WHEN</u> the event is terminated, <u>THEN ENSURE</u> appropriate steps in Attachment 1 - Documentation Checklist are completed.	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____
EC	<u>IF</u> needed, AUTHORIZE deviations from Normal Work Practices In Emergencies. See Attachment 11, Allowable Deviations from Normal Work Practices In Emergencies.	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____

END – SM Actions

5.2 Emergency Duty Officer (EDO) Actions:

Initials

<u>NOTES</u>	
1. Should the Emergency Classification Level change, the EDO shall implement actions based on the new Emergency Classification Level.	_____
2. After EC turnover to the ERM, the EDO shall continue to implement the EDO designated steps in Section 5.2.	_____
3. Since the Rad Alert alarm is located in the Control Room, the SM directs all emergency status change announcements.	_____
4. DID X5930 can be used to monitor Shift Manager/Security hostile action event communications.	_____

Note: Initials/time each block as applicable

5.2.a	EDO Emergency Actions – Initial	UE	A	SAE	GE
EDO	If TSC not already activated, IMPLEMENT Attachment 6 and ACTIVATE the TSC.	Optional	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____
EDO	At the discretion of the EDO, DESIGNATE an ERO member to implement Attachment 12, Organization Of All-Call Extra Responders.	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____
EDO	INFORM affected station SM of all changes in emergency level and REQUEST page announcement per appropriate attachment of this procedure.	N/A	Att 5A Init:____ Time:____	Att 5B Init:____ Time:____	Att 5C Init:____ Time:____
EC	COMPLETE or DIRECT completion of the NRC Data Sheet IAW ECG Att. 5 and PROVIDE to the Primary and Secondary Communicators (TSC1/TSC2) to notify the NRC as soon as possible. NOTE: The 60 minute notification requirement is met when the NRC is contacted IAW EP-SA/HC-111-F6.	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____
EDO	<u>IF</u> not previously completed and, <u>IF</u> desired or <u>WHEN</u> required, <ul style="list-style-type: none"> THEN DIRECT the SM to implement Accountability IAW Attachment 3, Steps 1 thru 4 of this procedure. At 30 minutes after Accountability was implemented, EDO shall COMPLETE Accountability follow-up actions IAW Attachment 3, Steps 5 of this procedure. <i>For Security based emergency, SEG may require modifications of associated actions/announcements.</i>	Optional	Optional	Init:____ Time:____	Init:____ Time:____

Note: Initials/time each block as applicable

5.2.b	EDO Subsequent Actions	UE	A	SAE	GE
EDO	If needed, CONTACT unaffected station SM to identify and REQUEST available support personnel.	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____
EDO	<p><u>IF</u> Remote Response Center (RRC) Guideline, SH.OP-AM.TSC-0002, REMOTE RESPONSE CENTER (RRC) OPERATIONS was implemented per directions in Attachment 10,</p> <p><u>THEN</u>,</p> <ul style="list-style-type: none"> • PROVIDE overall direction (command & control) and support to the RRC Leader (NETS X5135 or DID X2801). • PROVIDE periodic briefings to the RRC Leader. • TURNOVER command & control of the affected station's emergency response to a qualified SM or EDO from the affected station when the affected station has adequate resources. 	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____
EDO	<p>As needed/requested for accident mitigation (25R) or life saving (75R), AUTHORIZE Emergency Dose. <i>(per OSC RP Response, NC.EP-EP.ZZ-0304)</i></p> <ul style="list-style-type: none"> • ENSURE RAC works with the OSC and considers dose savings to the public to expedite OSC team dispatch. • ENSURE backup actions are being planned; (OSC or TSC engineering staff). • ENSURE OSC Coordinator considers pre-staging teams at the control point while plans are being finalized. 	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____
EC	<p>IAW ECG Attachment 5, NRC Data Sheet and Completion Reference, ENSURE the NRC is notified of:</p> <ul style="list-style-type: none"> • Significant changes in emergency or plant status including equivalent or lower EALs exceeded. • Implementation of 10CFR50.54x <i>(Refer to OP-AA-101-111-1003, Section 4.7.2 as needed)</i> • Non-emergency reportable conditions per RALs 	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____
EC	After an initial PAR for a General Emergency has been made, IMPLEMENT NC.EP-EP.ZZ-0404(Q), Protective Action Recommendations (PAR) Upgrades.	N/A	N/A	N/A	Init:____ Time:____

Note: Initials/time each block as applicable

5.2.c	EDO Continuous Actions	UE	A	SAE	GE
EC	If needed, CONTACT the NRC for Federal assistance or Federal resources.	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____
<p><u>NOTE</u></p> <p>When classifying an emergency using the Fission Product Barrier Table, it is possible for conditions to degrade but for the point total to remain in the same classification. For example, a six (6) point SAE degrades to a ten (10) point SAE or a twelve (12) point GE degrades to a thirteen (13) point GE. In these cases, the proper method of informing the states and NRC of the classification update is through the use of an updated Station Status Checklist (SSCL). Init:____</p>					
EC	REVIEW plant status, radiological release conditions, and the ECG for conditions that may require Classification escalation or PAR upgrade. <u>IF</u> escalation/upgrade is being considered, <u>THEN</u> DIRECT SM and/or ERM to perform a classification/upgrade verification.	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____
EC	<u>IF</u> classification level is escalated, <u>THEN</u> , EXIT this procedure and IMPLEMENT the appropriate ECG attachment until directed back to this procedure.	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____
EDO	ENSURE SM and unaffected station's SM or EDO are kept informed of emergency status changes such as: <ul style="list-style-type: none"> • Classification level • Onsite protective actions • Radiological releases • Emergency response facility activations 	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____
EC	ENSURE the Station Status Checklist (SSCL) is reviewed and approved for transmission to the states approximately every 30 minutes. May be delegated to TSS (page 1) and RAC (page 2) if desired.	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____
EDO	If ERM is the EC, USE procedure NC.EP-EP.ZZ-0404(Q), Protective Action Recommendations (PAR) Upgrades, for peer checking PAR upgrades.	N/A	N/A	N/A	Init:____ Time:____
EDO	Upon arrival of an NRC emergency response team, PROVIDE a status briefing and COORDINATE the integration of NRC team members within functional areas of the TSC.	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____

Note: Initials/time each block as applicable

5.2.c	EDO Continuous Actions (cont'd)	UE	A	SAE	GE
EDO	Periodically (approximately every 30 – 60 minutes) , CONDUCT TSC facility leads briefings.	Init:____ Time:____	Int:____ Time:____	Init:____ Time:____	Init:____ Time:____
EDO	Periodically (approximately every 60 – 90 minutes), CONDUCT an “ALL FACILITY BRIEFING” by providing the TSC Admin Support Supervisor with a briefing time and DIRECT him/her to setup the “ALL FACILITY BRIEFING” conference call.	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____
EDO	When EDO relief is required, USE WebEOC or Attachment 2 of this procedure and PROVIDE turnover to oncoming EDO.	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____
EDO	When relieved as the EC, ENSURE all EDO steps of the EDO Section of this procedure are completed.	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____
EDO	PROVIDE a TSC Staff update when the EDO has completed EC turnover to the ERM in the EOF.	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____
EDO	If emergency is upgraded, and the ERM is the EC, PERFORM all EDO steps for the new upgraded classification level.	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____
EDO	If needed to address plant conditions during a severe accident not specifically addressed in approved procedures or in the Severe Accident Guidelines, IMPLEMENT/DIRECT implementation of the Supplemental Severe Accident Management Guideline, SH.OP-AM.TSC-0001 and associated Technical Support Center Assist Guidelines, SC/HC.OP-AM.TSC-XXXX.	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____
EC	IMPLEMENT NC.EP-EP.ZZ-0405 (Q), Emergency Termination/Reduction/Recovery, as appropriate.	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____
EDO	<u>WHEN</u> the event is terminated, <u>THEN</u> ENSURE appropriate steps in Attachment 1 - Documentation Checklist are completed.	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____
EC	<u>IF</u> needed, AUTHORIZE deviations from Normal Work Practices In Emergencies. See Attachment 11, Allowable Deviations from Normal Work Practices In Emergencies.	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____

END – EDO Actions

5.3 Emergency Response Manager (ERM) Actions:

Initials

NOTES	
	1. Should the Emergency Classification Level change, the ERM shall implement actions based on the new Emergency Classification Level.
	2. Since the Rad Alert alarm is located in the Control Room, the SM directs all emergency status change announcements.
	3. DID X5930 or can be used to monitor Shift Manager/Security hostile action event communications.

Note: Initials/time each block as applicable

5.3.a	ERM Emergency Actions - Initial	UE	A	SAE	GE
ERM	If EOF is not already activated, IMPLEMENT Attachment 7 and ACTIVATE the EOF (required with in 90 minutes of an SAE or higher classification)	Optional	Optional	Init:____ Time:____	Init:____ Time:____
ERM	At the discretion of the ERM, DESIGNATE an ERO member to implement Attachment 12, Organization Of All-Call Extra Responders.	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____
EC	INFORM affected station SM of all changes in emergency level and REQUEST page announcement per appropriate attachment of this procedure. INFORM EDO of all changes in emergency level	N/A	Att 5A Init:____ Time:____	Att 5B Init:____ Time:____	Att 5C Init:____ Time:____
EC	COMPLETE or DIRECT completion of the NRC Data Sheet IAW ECG Att. 5 and PROVIDE to the Primary and Secondary Communicators (EOF1/EOF2) to notify the NRC as soon as possible. NOTE: The 60 minute notification requirement is met when the NRC is contacted IAW EP-SA/HC-111-F6.	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____
ERM	If the event involves the activation of the Unified Command Center (UCC), DIRECT PSEG ERO personnel to fill the following positions within the UCC IAW EP Aids 60 & 61: <ul style="list-style-type: none"> • Salem - Ops Liaison (off-duty SSM or TSS) • Hope Creek – Ops Liaison (off-duty SSM or TSS) • Security Liaison (Sec. Dir. or off-duty SSC) • RadPro Liaison (off-duty RSM or RAC) 	Optional	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____

Note: Initial each block as applicable

5.3.b	ERM Subsequent Actions	UE	A	SAE	GE
EC	IAW ECG Attachment 5, NRC Data Sheet and Completion Reference, ENSURE the NRC is notified of: <ul style="list-style-type: none"> • Significant changes in emergency or plant status including equivalent or lower EALs exceeded. • Implementation of 10CFR50.54x (Refer to OP-AA-101-111-1003, Section 4.7.2 as needed) • Non-emergency reportable conditions per RALs 	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____
EC	If needed, CONTACT the NRC for needed Federal assistance or Federal resources.	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____
EC	After an initial PAR for a General Emergency has been made, IMPLEMENT NC.EP-EP.ZZ-0404(Q), Protective Action Recommendations (PAR) Upgrades.	N/A	N/A	N/A	Init:____ Time:____

ERM Continuous Actions on next page

Note: Initials/time each block as applicable

5.3.c	ERM Continuous Actions	UE	A	SAE	GE
<p>NOTE</p> <p>When classifying an emergency using the Fission Product Barrier Table, it is possible for conditions to degrade but for the point total to remain in the same classification. For example, a six (6) point SAE degrades to a ten (10) point SAE or a twelve (12) point GE degrades to a thirteen (13) point GE. In these cases, the proper method of informing the states and NRC of the classification update is through the use of an updated Station Status Checklist (SSCL). Init: ____</p>					
EC	<p>REVIEW plant status, radiological release conditions, and the ECG for conditions that may require Classification escalation or PAR upgrade. <u>IF</u> escalation/upgrade is being considered, <u>THEN</u> DIRECT EDO and/or SM to perform a classification/upgrade verification.</p>	Init: ____ Time: ____	Init: ____ Time: ____	Init: ____ Time: ____	Init: ____ Time: ____
EC	<p><u>IF</u> classification level is escalated, <u>THEN EXIT</u> this procedure and IMPLEMENT the appropriate ECG attachment until directed back to this procedure.</p>	Init: ____ Time: ____	Init: ____ Time: ____	Init: ____ Time: ____	Init: ____ Time: ____
EC	<p>ENSURE EDO is kept informed of emergency status changes such as:</p> <ul style="list-style-type: none"> • Classification level • Offsite protective actions • Radiological releases • Emergency response facility activations 	Init: ____ Time: ____	Init: ____ Time: ____	Init: ____ Time: ____	Init: ____ Time: ____
EC	<p>ENSURE the Station Status Checklist (SSCL) is reviewed and approved for transmission to the states every 30 minutes. This may be delegated to SSM (page 1) and RSM (page 2) if desired.</p>	Init: ____ Time: ____	Init: ____ Time: ____	Init: ____ Time: ____	Init: ____ Time: ____
ERM	<p>Upon arrival of an NRC emergency response team, PROVIDE a status briefing and COORDINATE the integration of NRC team members within functional areas of the EOF.</p>	Init: ____ Time: ____	Init: ____ Time: ____	Init: ____ Time: ____	Init: ____ Time: ____
ERM	<p>UPDATE both State Directors regularly and ENSURE data flow is satisfactory. OBTAIN information concerning any Protective Actions implemented by the States.</p> <ul style="list-style-type: none"> • New Jersey EOC Director - NETS x5410 • Delaware EOC Director - NETS x5412 <p>As a minimum, update State Directors of any changes in Emergency Classification, PARs or Radiological Release Status.</p>	Init: ____ Time: ____	Init: ____ Time: ____	Init: ____ Time: ____	Init: ____ Time: ____

Note: Initials/time each block as applicable

5.3.c	ERM Continuous Actions (cont'd)	UE	A	SAE	GE
ERM	<p>NOTIFY PSEG corporate management periodically regarding emergency status.</p> <p><i>(Chairman & CEO @ NETS X5060)</i> <i>(Executive Command Center @ NETS 5057)</i></p>	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____
ERM	<p>Periodically (approximately every 30-60 minutes), CONDUCT EOF facility leads briefing.</p>	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____
ERM	<p><u>IF</u> <u>offsite</u> radionuclide concentrations exist OR could potentially exist in excess of 10CFR20 Appendix B limits, THEN RECOMMEND to the States of New Jersey and Delaware that the ingestion pathway be monitored.</p>	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____
ERM	<p>When ERM relief is required, USE WebEOC or Attachment 2 of this procedure and PROVIDE turnover to oncoming ERM.</p>	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____
EC	<p>IMPLEMENT NC.EP-EP.ZZ-0405 (Q), Emergency Termination/Reduction/Recovery, as appropriate.</p>	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____
ERM	<p><u>WHEN</u> the event is terminated, THEN ENSURE appropriate steps in Attachment 1 - Documentation Checklist are completed.</p>	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____
EC	<p><u>IF</u> needed, AUTHORIZE deviations from Normal Work Practices In Emergencies. See Attachment 11, Allowable Deviations from Normal Work Practices In Emergencies.</p>	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____	Init:____ Time:____

END – ERM Actions

6.0 **RECORDS**

Refer to Attachment 1, Documentation Checklist.

7.0 **REFERENCES**

7.1 **References**

- PSEG Nuclear Emergency Plan
- NUREG-0654, Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants.
- NRC Security Advisory Basis Document, Notification - 20080626
- Safeguards Advisory (SA-04-07) dated 6/18/04
- Safeguards Advisory (SA-05-02) dated 1/26/05
- NRC Bulletin 2005-02, EP and Response Actions for Security-Based Events
- CM-HC.2007-42 – B.5.b Commitment (70067198)
- INPO IER L1-13-10, Nuclear Accident at the Fukushima Daiichi Nuclear Power Plant

7.2 **Cross References**

- NC.EP-EP.ZZ-0405(Q), Emergency Termination/Reduction/Recovery
- Hope Creek/Salem Event Classification Guide (ECG)
- HC.OP-AB.SEC-0001(Q) & SC.OP-AB.CR-0004(Q), Security Event
- HC.OP-AB.SEC-0002(Q) & SC.OP-AB.CR-0005(Q), Airborne Threat
- SH.OP-AM.TSC-0002, Remote Response Center (RRC) Operations
- SH.OP-AM.TSC-0001, Supplemental Severe Accident Management Guidelines (SSAMG)
- SY-AA-101-108, Response to Suspicious Activity and Events Maliciously Directed at Plant Safety or Security
- NC.EP-EP.ZZ-0101(Q), Actions Required at Unaffected Station
- NC.EP-EP.ZZ-0202(Q), Operations Support Center (OSC) Activation and Operations
- NC.EP-EP.ZZ-0901(Q), Onsite Security Response
- NC.EP-EP.ZZ-0902(Q), Assembly/Accountability/Evacuation
- NC.EP-EP.ZZ-0903(Q), Opening of Emergency Operations Facility (EOF)
- EP Aid #060, Unified Command Center (UCC) Activation Checklist
- EP Aid #061, Unified Command Center (UCC) Responsibilities

8.0 **COMMITMENT DOCUMENTS**

CM-HC.2007-42 – B.5.b Commitment (70067198)

**ATTACHMENT 1
DOCUMENTATION CHECKLIST
Page 1 of 1**

Initials

1. **ENSURE** a Notification is created and the basis for the Termination/Recovery is included in the notification.

Notification #: _____

SM

2. **COORDINATE** with the station EP Manager (or designee) and **COMPLETE** the Event Review Checklist per EP-AA-120-F2

SM

3. **COLLECT, REVIEW** and **FORWARD** all completed ECG Attachments, Procedures, T&RMs, Forms, Logbooks, etc. and any supporting documentation to the Manager EP (MEP).

SM/EDO/ERM

4. **REVIEW** forwarded emergency documentation and any other relevant information for correct classification of event and corrective actions taken.

Station EPM/MEP

5. **FORWARD** the following documents to Record Retention:

- Final Report IAW EP-AA-120 – Emergency Plan Administration
- EP-AA-120-F2 - Event Review Checklist
- EP-AA-125-1002-F01-DEP Observation Checklist,
- Copies of ECG Emergency Attachments implemented by the ECs and communicators in all Emergency Response Facilities.
- NC.EP-EP.ZZ-0102 - EC Response procedure completed by all ECs.
- NC.EP-EP.ZZ-0405 - Emergency Termination procedure
- Log books maintained by the SM, EDO and ERM (If used instead of WebEOC).
- All ICMFs, NRC Data Sheets, and SSCLs transmitted during the emergency.
- Other documents as per MEP discretion.

MEP

**ATTACHMENT 2
EC EMERGENCY STATUS BRIEFING FORM
Page 1 of 2**

NOTE

Completion of this Attachment is optional. However, the information listed is useful for providing a thorough turnover to the oncoming EC. WebEOC EC Status Briefing Board is the preferred format for this information, but use of this form is acceptable. If conditions/time allows, fax this briefing form to the oncoming EC prior to starting a turnover briefing.

Plant: HC _____ S1 _____ S2 _____

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	_____ Yes	___ RPSA – EVAC All, 0-5 miles, downwind 5-10 +/- one sector and shelter remaining 5-10 miles.		
	Wind direction (from):	_____ No	___ HAB – SHELTER All, 0-5 miles, and MONITOR and PREPARE All 5-10 miles		
	_____		___ Default – EVAC All, 0-5 miles and MONITOR and PREPARE All 5-10 miles		
d.	Accountability called?	_____ Yes	Time completed: _____		
	Results:	_____ No			

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
EC EMERGENCY STATUS BRIEFING FORM
Page 2 of 2

5. OSC activated? (YES NO) Time Activated _____ OSC Coord. _____
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 and what onsite protective actions have been implemented?

12. Status of NRC Data Sheet and Station Status Checklist (SSCL) update times:

13. Other:

**ATTACHMENT 3
ACCOUNTABILITY ACTIONS AND RESULTS
Page 1 of 2**

The SM should **PERFORM** steps 1 through 4 to Implement Accountability:

Initials/Time

1. For an UNUSUAL EVENT, **DIRECT** Security Shift Manager (X2223) at the Security Center to implement procedure NC.EP-EP.ZZ-0902, Sections:
- 4.2, Automated Accountability
 - 4.3, Accountability Report Generation

_____/_____
SM

OR

- For an ALERT or higher, **DIRECT** Security Shift Manager (X2223) at the Security Center to implement procedure NC.EP-EP.ZZ-0902, Sections:
- 4.2, Automated Accountability
 - 4.3, Accountability Report Generation
 - 4.5, Evacuation

_____/_____
SM

2. **DIRECT** the other station's SM to implement NC.EP-EP.ZZ-0101, ACCOUNTABILITY, Attachment 3.
Hope Creek (NETS X5234 or DID X3027) / Salem (NETS X5142 or DID X5200)

_____/_____
SM

NOTE

Accountability Implementation Time (AIT) is defined as the time that the below page announcement to "implement accountability" is made.

_____/_____
SM

3. **DIRECT** the following: (AIT +0 Min)

SOUND the Radiation Alert Alarm

_____/_____
SM

AND

ANNOUNCE TWICE

_____/_____
SM

"ATTENTION ALL PERSONNEL, ATTENTION, ALL PERSONNEL, ALL ACCOUNTABILITY STATIONS IMPLEMENT ACCOUNTABILITY"

4. 20 minutes later, **DIRECT** the following: (AIT +20 Min after above announcement was made)

SOUND the Radiation Alert Alarm

_____/_____
SM

AND

ANNOUNCE TWICE

_____/_____
SM

"ATTENTION ALL PERSONNEL, ATTENTION, ALL PERSONNEL, ALL ACCOUNTABILITY STATIONS COMPLETE ACCOUNTABILITY"

**ATTACHMENT 3
ACCOUNTABILITY ACTIONS AND RESULTS
Page 2 of 2**

The EDO (SM if TSC not yet activated) should **PERFORM** step 5 to Complete Accountability:

Initials/Time

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 Shift Manager (SM) at both stations.

_____/_____
EDO/SM

5. After 30 minutes has passed from the initial "Implement Accountability" announcement, **COMPLETE** the following Accountability followup actions:(AIT+30 min)

- **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 affected station's TSC Security Liaison and **REQUEST** accountability results.

_____/_____
EDO/SM

Hope Creek - NETS X5214 or DID X3252
Salem - NETS X5117 or DID X2707

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

_____/_____
EDO/SM

- **UPDATE** Security as missing personnel are located.

_____/_____
EDO/SM

- **INITIATE** search and rescue operations in accordance with NC.EP-EP.ZZ-0202, OSC Activation and Operations, as appropriate.

_____/_____
EDO/SM

- IF Accountability was directed while in an Unusual Event (no OCA evacuation was directed) and the emergency is later upgraded to an ALERT or higher, THEN, **DIRECT** Security Shift Manager (X2223) at the Security Center to implement NC.EP-EP.ZZ-0902, Section 4.5, Evacuation.

_____/_____
EDO/SM

- As the situation dictates and/or as radiological conditions permit and 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/SM

ATTACHMENT 4
UNUSUAL EVENT ANNOUNCEMENT
Page 1 of 1

Initials/Time

1. **SOUND** the Radiation Alert Alarm

____/____

AND

2. **ANNOUNCE** Twice

____/____

“ATTENTION ALL PERSONNEL. ATTENTION ALL PERSONNEL.
(HOPE CREEK – SALEM Unit 1 – SALEM Unit 2) IS (ARE) IN AN
CIRCLE CORRECT UNIT(S)

UNUSUAL EVENT

DUE TO:

3. **REPEAT** the Above Emergency Announcement over the Radio

____/____

4. **NOTIFY** Security Shift Manager (X2223) at the Security Center of the
UNUSUAL EVENT

____/____

ATTACHMENT 5A
ALERT ANNOUNCEMENT
Page 1 of 1

Initials/Time

1. **SOUND** the Radiation Alert Alarm

____ / ____

AND

ANNOUNCE Twice

____ / ____

“ATTENTION ALL PERSONNEL. ATTENTION ALL PERSONNEL.
(HOPE CREEK – SALEM Unit 1 – SALEM Unit 2) IS (ARE) IN AN
CIRCLE CORRECT UNIT(S)

ALERT

DUE TO:

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

2. **REPEAT** the Above Emergency Announcement over the Radio

____ / ____

3. If NOT performed previously, **DIRECT** Security Shift Manager (X2223) at the Security Center to Implement the following procedures:

- NC.EP-EP.ZZ-0901, Onsite Security Response
- NC.EP-EP.ZZ-0902, Section 4.1 Assembly, DUE TO:
(read “DUE TO:” from above message) _____
- NC.EP-EP.ZZ-0903, Opening of Emergency Operations Facility (EOF).

____ / ____

ATTACHMENT 5B
SITE AREA EMERGENCY ANNOUNCEMENT
Page 1 of 1

Initials/Time

1. **SOUND** the Radiation Alert Alarm

_____/____

AND

ANNOUNCE Twice

_____/____

“ATTENTION ALL PERSONNEL. ATTENTION ALL PERSONNEL.
(HOPE CREEK – SALEM Unit 1 – SALEM Unit 2) IS (ARE) IN A
CIRCLE CORRECT UNIT(S)
SITE AREA EMERGENCY

DUE TO:

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

2. **REPEAT** the Above Emergency Announcement over the Radio

_____/____

3. If NOT performed previously, **DIRECT** Security Shift Manager (X2223) at the Security Center to Implement the following procedures:

- NC.EP-EP.ZZ-0901, Onsite Security Response
- NC.EP-EP.ZZ-0902, Section 4.1 Assembly, DUE TO:
(read “DUE TO:” from above message) _____
- NC.EP-EP.ZZ-0903, Opening of Emergency Operations Facility (EOF).

_____/____

**ATTACHMENT 5C
GENERAL EMERGENCY ANNOUNCEMENT
Page 1 of 1**

Initials/Time

1. **SOUND** the Radiation Alert Alarm

____ / ____

AND

ANNOUNCE Twice

____ / ____

“ATTENTION ALL PERSONNEL. ATTENTION ALL PERSONNEL.
(HOPE CREEK – SALEM Unit 1 – SALEM Unit 2) IS (ARE) IN A
CIRCLE CORRECT UNIT(S)

GENERAL EMERGENCY

DUE TO:

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

2. **REPEAT** the Above Emergency Announcement over the Radio

____ / ____

3. If NOT performed previously, **DIRECT** Security Shift Manager (X2223) at the Security Center to Implement the following procedures:

- NC.EP-EP.ZZ-0901, Onsite Security Response
- NC.EP-EP.ZZ-0902, Section 4.1 Assembly, DUE TO:
(read “DUE TO:” from above message) _____
- NC.EP-EP.ZZ-0903, Opening of Emergency Operations Facility (EOF). ____ / ____

**ATTACHMENT 6
ACTIVATION of the TSC
Page 1 of 2**

Initials/Time

1.0 Prior To TSC Activation (i.e., Before Assuming Emergency Coordinator Duties):

1. **ESTABLISH** and **MAINTAIN** a chronological log of activity and events using WebEOC or a logbook. (If needed, **OBTAIN** TSC Administrative staff member to maintain the log.) ___ / ___

2. If not already done, **OBTAIN** a briefing on the status of the emergency from the Shift Manager (SM). **REFER** to WebEOC EC Status Briefing Board or Attachment 2, EC Emergency Status Briefing Form for turnover points of discussion. ___ / ___

3. **DIRECT/ENSURE** 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

___ / ___

4. **PERFORM** initial briefing of the TSC staff on emergency conditions and the following issues: (Full TSC staff briefing should be done after TSC has activated)

- Plant/emergency conditions – Why are we here?
- **ESTABLISH** TSC Activation target time – Should be within 90 minutes of Alert or higher classification.

___ / ___

5. **PREPARE** to activate the TSC and **ASSUME** the duties and responsibilities of the Emergency Coordinator as follows:

ENSURE key roles/functions for TSC activation are covered:

- TSC has either an EDO or TSS to provide command & control
- TSC has at least one qualified communicator
- TSC can support Radiological and Engineering assessment

___ / ___

6. **ACTIVATE** the TSC as follows: (Communicator, RP and EC turnovers should be done coincident with each other)

- **DIRECT** TSC communicators to “take turnover” from the Control Room Communicators. Communications turnover **does not** have to be completed prior to TSC activation but should be in progress.

___ / ___

(continued on next page)

**ATTACHMENT 6
ACTIVATION of the TSC
Page 2 of 2**

Initials/Time

- **DIRECT** RAC to “take turnover” of dose assessment from the SRPT
- **CONTACT** the Shift Manager and **COMPLETE** EC turnover:
 - **VERIFY** current plant/emergency status. ___ / ___
 - **DETERMINE** which EDO/EC steps in Section 5.2.a and 5.2.b, of this procedure are completed and which steps will be turned over for completion. ___ / ___
 - **ENSURE** timing and responsibility for next SSCL and/or NRC data sheet are coordinated. ___ / ___
 - With SM concurrence, **ASSUME** the EC function and **DECLARE** TSC activated. ___ / ___

2.0 Upon Assuming Emergency Coordinator Duties, the EDO Should:

1. **ANNOUNCE** to the TSC staff that the TSC is activated, the effective time and that you are the emergency coordinator. ___ / ___
2. **ANNOUNCE** (over the plant page) “THE TSC IS ACTIVATED AND _____ IS THE EMERGENCY COORDINATOR” ___ / ___
3. **NOTIFY** ERM of TSC activation and **PROVIDE** a brief status update. ___ / ___
4. **IMPLEMENT** Sections 5.2, EDO Actions, of this procedure. ___ / ___

**ATTACHMENT 7
ACTIVATION of the EOF
Page 1 of 3**

NOTE
ACTIVATION of the EOF is **REQUIRED** within 90 minutes of an SAE or higher classification.

Initials/Time

1.0 Prior To EOF Activation (i.e., Before Assuming Emergency Coordinator Duties):

- | | |
|---|------------------|
| <p>1. ESTABLISH and MAINTAIN a chronological log of activity and events using WebEOC or a logbook.</p> | <p>___ / ___</p> |
| <p>2. DIRECT Emergency Preparedness Coordinator (EPC) to implement NC.EP-EP.ZZ-0401, EPC Response.</p> | <p>___ / ___</p> |
| <p>3. OBTAIN a briefing on the status of the emergency from the Emergency Duty Officer (EDO). REFER to WebEOC EC Status Briefing Board or Attachment 2, Emergency Status Briefing Form for points of discussion.</p> | <p>___ / ___</p> |
| <p>4. ENSURE that EOF section leads are making preparations to assume emergency response functions while ensuring adequate staffing:</p> <ul style="list-style-type: none"> • Radiological Support Manager (RSM) • Site Support Manager (SSM) • Technical Support Manager (TSM) • Administrative Support Manager (ASM) | <p>___ / ___</p> |
| <p>5. ENSURE the Public Information Liaison (PIL) is provided with plant and emergency status information both prior to and after EOF activation.</p> | <p>___ / ___</p> |
| <p>6. PROVIDE initial briefing to the EOF staff on emergency conditions and the following issues:</p> <ul style="list-style-type: none"> • Plant conditions • Introduce section leads (SSM, RSM, TSM, ASM, NJ & DE Leads) • Noise control • ASM provides administrative and IT services • REQUEST staff to synchronize all EOF clock and personnel watches with SPDS data time | <p>___ / ___</p> |
| <p>7. PERFORM periodic EOF leads briefings to exchange information IAW, "EOF Briefing Checklist."</p> | <p>___ / ___</p> |
| <p>8. PERFORM periodic summary briefings for the entire EOF staff regarding current emergency events/status changes following a leads briefing.</p> | <p>___ / ___</p> |

**ATTACHMENT 7
ACTIVATION of the EOF
Page 2 of 3**

Initials/Time

9. **PROVIDE** an emergency status briefing and **COORDINATE** the integration of NRC team members within functional areas of the EOF upon arrival of an NRC emergency response team. ___ / ___

10. **PROVIDE** 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. ___ / ___

11. **DIRECT** ASM to request assistance from federal, state, local, and private support agencies as required. ___ / ___

12. **DIRECT** ASM to assure continuity of personnel and resources for 24-hour operation of all (onsite and offsite) emergency response facilities. ___ / ___

13. **PREPARE** to activate the EOF and **ASSUME** the duties and responsibilities of the Emergency Coordinator as follows:

- **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, EPC EOF/EPA TSC). ___ / ___

- **ENSURE** EOF Communicators and Radiological Assessment Staff are ready to assume communications and notification responsibilities from the TSC. This includes coordination of requirements for the "Station Status Checklist", NRC Updates, and Offsite Dose Assessment. ___ / ___

14. **ACTIVATE** the EOF as follows: (Communicator, RP and EC turnovers should be done coincident with each other)

- **DIRECT** EOF communicators to "take turnover" from the TSC Communicators. Communications turnover **does not** have to be completed prior to EOF activation but should be in progress. ___ / ___

- **DIRECT** RSM to "take turnover" of dose assessment from the RAC. ___ / ___

(Continued on next page)

**ATTACHMENT 7
ACTIVATION of the EOF
Page 3 of 3**

Initials/Time

- **CONTACT** the EDO and **TAKE** EC turnover. ___ / ___
- **VERIFY** current plant/emergency status. ___ / ___
- **DETERMINE** which EC steps in Section 5.3.a and Section 5.3.b, of this procedure are completed and which steps will be turned over for completion. ___ / ___
- **ENSURE** timing and responsibility for next SSCL and/or NRC data sheet are coordinated ___ / ___
- With EDO concurrence, **ASSUME** the EC function and **DECLARE** the EOF activated. ___ / ___
- **DIRECT** the EDO to announce (over the plant page):
 "THE EOF IS ACTIVATED AND
 _____ IS THE EMERGENCY
 COORDINATOR" ___ / ___

2.0 Upon Assuming Emergency Coordinator Duties, the ERM Should:

1. **ANNOUNCE** to the EOF staff that the EOF is activated, the effective time and that you are the EC. ___ / ___

NOTE

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

2. **NOTIFY** state directors of EOF activation and **PROVIDE** a brief status update.
 (NJ Director - NETS X5410; DE Director - NETS X5412) ___ / ___
3. **IMPLEMENT** Sections 5.3, ERM Actions, of this procedure. ___ / ___

ATTACHMENT 8

Reserved for Future Use

ATTACHMENT 9

Reserved for Future Use

**ATTACHMENT 10
SECURITY EMERGENCY GUIDELINE (SEG)
Page 1 of 5**

Initials/Time

CAUTION

The Shift Manager (SM) should ensure actions specified in this attachment are immediately implemented for any actual or imminent attack (Hostile Action). For any actual or imminent attack, prompt actions specified below should not be delayed but should be performed immediately even if an emergency has not yet been classified or declared.

_____ / _____

NOTE

During an actual or imminent hostile action, a security posture will be implemented which includes a "Take Cover and Shelter-in-Place" action by all ONSITE personnel. This will inhibit many individuals from reporting to ERO positions/locations and Accountability Stations until safe passage(s) can be established.

_____ / _____

NOTE

(Important Security Contact Phone #s)

Security Center – Security Shift Manager:	NETS 5136	DID 2223
SAS - Secondary Alarm Station:	NETS 5138/5177	DID 2255
CAS - Central Alarm Station:	NETS 5063/5033	DID 2648
Unified Command Center (@ EERC):	NETS 5090	DID 3737
SAS/CAS open conference line	NETS 4-5930	DID 5930

_____ / _____

1. 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).

_____ / _____

NOTE

As practical and as time allows, both Salem and Hope Creek SMs should concur on protective actions and emergency classification levels for security events.

_____ / _____

2. PROMPT ACTIONS

- 2.1. IF not previously done; **CALL** Communicators to the Control Room AND (Salem Only), **CALL** SRPT to the Control Room.
- 2.2. If response is not possible, **IDENTIFY** personnel presently in the Control Room to be used as Communicators.

_____ / _____

_____ / _____

(Prompt Actions are continued on next page)

**ATTACHMENT 10
SECURITY EMERGENCY GUIDELINE (SEG)
PAGE 2 OF 5**

Initials/Time

2.3. **ENSURE** radio in the Control Room is monitoring security radio channel(s). _____/____

2.4. **ENSURE** CRS is implementing appropriate abnormal procedure “SECURITY EVENT or AIRBORNE THREAT” which will provide specific directions on when to Trip/Scram the units (if needed) as well as page announcements associated with specific onsite protective actions. _____/____

2.5. Owner Controlled Area (OCA) Evacuation OR Shelter-In-Place:

2.5.1. IF OCA Evacuation is needed or desired, THEN, in coordination with other station’s SM, **DIRECT** Security in SAS to implement OCA Evacuation per NC.EP-EP.ZZ-0902, Section 5.5, Evacuation. _____/____

OR

2.5.2. IF personnel in the OCA have not been evacuated and IF needed for their protection, THEN, in coordination with other station’s SM, DIRECT Security in SAS to make the following page announcement using the OCA siren system page announcement capability:

“Attention all personnel, Attention all personnel. A credible security threat exists at the station. All personnel take immediate cover and shelter in place until further notice” (Repeat) _____/____

2.6. IF notified by security or by fire protection of a loss of the command and control function (defined in PRECAUTIONS AND LIMITATIONS section) at the other (affected) station due to a catastrophic security event, THEN

DECLARE a General Emergency IAW EAL HG4.1 and **ENSURE** ICMF specifies that a “Hostile Action has resulted in a Loss of Facility Control at the other station”. _____/____

2.7. **EXIT** this procedure and **CLASSIFY** the security event in coordination with other station’s SM. If Security event has already been classified, **PROCEED** to next section, SUBSEQUENT ACTIONS. _____/____

**ATTACHMENT 10
SECURITY EMERGENCY GUIDELINE (SEG)
Page 3 of 5**

3. SUBSEQUENT ACTIONS

3.1. IF events at the other station have resulted in a loss of command and control at that station, as defined in PRECAUTIONS AND LIMITATIONS section,

THEN

DIRECT an SRO (work control SRO or STA) to report to the Fire Department Office in the NOSF and **ACTIVATE** the RRC per Guideline titled, Remote Response Center (RRC) Operations, SH.OP-AM.TSC-0002. ___ / ___

3.2. **CONSULT** with the security supervisor and as the security events change and in coordination with the other Stations SM:

- **MODIFY** onsite protective action page announcements made from the Security Threat or Airborne Threat ABs as needed. ___ / ___

- **ENSURE** any onsite page announcements regarding personnel movement are modified as needed based on the ongoing Security Threat or Events. ___ / ___

3.3. As needed, **DIRECT** that onsite protective action page announcements made IAW abnormal procedure “SECURITY EVENT or AIRBORNE THREAT”, be periodically re-broadcast over the station page system. ___ / ___

3.4. During a security event, **DIRECT** security to periodically re-broadcast the OCA protective action page announcement IAW Attachment 10 Step 2.5.2 ___ / ___

3.5. IF/WHEN, Assembly or Accountability and Evacuation is required by Section 5.1 or 5.2 of this procedure, THEN **CONSIDER** delaying or modifying associated page announcements or actions based on the type of security event that is in progress and based on the protective actions already taken:

- **COORDINATE** revised or new onsite protective action announcements with the other station’s SM. ___ / ___

- **CONSULT** with Security to determine if Assembly, Accountability, or Evacuation can or should be implemented. ___ / ___

- **CONSIDER** use of alternate assembly locations (e.g., Hope Creek Unit 2 Reactor Building, Material Center, “B” Building). ___ / ___

- **CONSIDER** leaving personnel in their current office / shop areas. ___ / ___

Continues on next page

**ATTACHMENT 10
SECURITY EMERGENCY GUIDELINE (SEG)
Page 4 of 5**

(Continued)

- **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. ___ / ___

3.6. (Salem Only) **START** Unit 3 if needed to provide additional backup power. ___ / ___

3.7. (HOPE CREEK ONLY) WHEN the OSC is staffed, THEN DIRECT the OSCC to have the Hope Creek TSC ventilation system place in Recirculation Mode. (NC.EP-EP.ZZ-0201(Q), Attachment 1) ___ / ___

3.8. (SALEM ONLY) WHEN the OSC is staffed, THEN DIRECT the OSCC to have the Salem TSC ventilation placed in the “Operations During Toxic or Chemical Release” lineup. (SC.OP-SO.TSC-0051) ___ / ___

3.9. IF Onsite personnel have been directed to, “take cover and shelter-in-place” THEN, DIRECT the following page announcement be made every two (2) hours while “sheltering-in-place”;

Attention All Personnel Sheltering in Place, If you have a phone available at your location, contact extension 3030 and leave a message with your name, present location and phone number. ___ / ___

Continues on next page

**ATTACHMENT 10
SECURITY EMERGENCY GUIDELINE (SEG)
Page 5 of 5**

NOTE

The area adjacent to the EOF at the EERC in Salem City is designated as the Alternative Emergency Response Facility (AERF) for onsite ERO Responders if the site is not accessible.

____ / ____

3.10. IF a HOSTILE ACTION is occurring or has occurred as reported by Security THEN, in coordination with the other station's SM,

DIRECT the Security Supervisor in SAS to request LAC Police to:

- Block off the access road
- **DIRECT** all PSEG Emergency Responders to report to the EOF at the EERC (Environmental & Energy Resource Center) in Salem City.

____ / ____

____ / ____

AND

REQUEST LAC Police to have offsite emergency responders such as law enforcement, fire fighters and emergency medical personnel **STAGE** support equipment and personnel at the LAC municipal complex or other offsite location as selected by the offsite Incident Commander or designee.

____ / ____

3.11. IMPLEMENT / RETURN to Section 5.1, SM Actions, of this procedure.

____ / ____

Attachment 11

ALLOWABLE DEVIATIONS FROM NORMAL WORK PRACTICES IN EMERGENCIES

Page 1 of 2

1. The Shift Manager or Emergency Coordinator may authorize deviations from normal work practices in a declared Emergency. These deviations are authorized in existing PSEG Nuclear procedures and are summarized in page 1 of this Attachment.

2. When a **Site Area Emergency** or **General Emergency** is declared, deviations from normal processes outside of existing PSEG Nuclear procedures may be authorized by the Shift Manager or Emergency Coordinator, or designee, in order to take action **to restore core cooling, mitigate an off-site release in progress, or maintain spent fuel pool cooling**, using page 2 of this Attachment.

Process Area	Allowed Deviations	Applicable Procedure
Deviation from Technical Specifications or License Condition	<p>Deviation from Technical Specifications or license condition to protect the public health and safety – use of 10CFR50.54(X):</p> <p>The SRO with overall command and control shall make the decisions to deviate from a procedure or Technical Specification to protect the public health and safety. Such departures shall meet the following criteria:</p> <ul style="list-style-type: none"> • No equivalent action consistent with the license conditions or Technical Specifications is immediately apparent. • Action is immediately required • The departure is reasonable based on the information available at the time • The departure is the minimum necessary to protect the public health and safety • The departure is taken only for the duration of the emergency situation 	OP-AA-101-111-1003
Work Planning / Priorities	<p>For “(1)” priority emergency work (as determined by the Shift Manager or Designee) it is permissible to have the work in progress, under the direction of the First Line Supervisor using approved Procedures / Processes where possible, while the Work Order Package is being prepared. Additional supervision / oversight is required to ensure adequate control of the work activities in the absence of a work package:</p> <p><u>Work Priority (1) - Emergency:</u></p> <ul style="list-style-type: none"> • Work having an immediate and direct impact on the health and safety of the general public or plant personnel, • Pose a significant industrial hazard, • Require immediate attention to prevent the deterioration of plant condition to a possible unsafe or unstable level, • Unit reliability related work during Maximum Emergency Generation Alert Condition. • Loss of Site FLEX Capability 	WC-AA-106
Conduct of Maintenance Work in an Emergency	<p>Maintenance Planning Performance of Work During Emergency or Abnormal Operating Conditions:</p> <p>Mitigation of an emergency, where immediate attention is required to protect the health and safety of the general public, to correct a significant industrial safety hazard, or to prevent the deterioration of plant conditions to a possible unsafe or unstable level, shall always allow work to begin before the generation of documentation (notifications, minor work order, or a normal work order).</p> <ul style="list-style-type: none"> • Planning, reviews, and documentation activities will normally be performed in parallel with corrective actions or as soon as plant conditions allow. • Where maintenance activities are directed as an emergency, those activities shall be documented after the fact and receive the same degree of review as if they had been preplanned. • The Plant Manager or Shift Manager may direct maintenance activities to be performed without a Work Document. 	MA-AA-716-010
Equipment / Component Control	Utilize Abnormal Component Position Sheet (ACPS) to document approval, positioning and restoration of abnormally positioned components.	OP-AA-108-101
Emergency Tagging Boundary Control	In an emergency, the On-Duty Shift Manager (SM) can authorize the repositioning of a tagged component if it presents an immediate challenge to the safety of personnel or plant equipment. Prior to component operation, all personnel shall be verified clear of affected equipment, and, following component manipulation, all personnel signed on the WCD shall be notified	OP-AA-109
Radiation Protection Emergency Exposures	<p>Emergency Exposures above normal Administrative Limits can be authorized per E-Plan Procedure:</p> <ul style="list-style-type: none"> • Up to 25 Rem TEDE to mitigate the accident • Up to 75 Rem TEDE to save-a-life 	RP-AA-203 & NC.EP-EP.ZZ-0304
Industrial Safety	No deviations specified	NONE

Attachment 11
ALLOWABLE DEVIATIONS FROM NORMAL WORK PRACTICES IN EMERGENCIES
Page 2 of 2

When a **Site Area Emergency** or **General Emergency** is declared, deviations from normal processes outside of existing PSEG Nuclear procedures may be authorized by the Shift Manager or Emergency Coordinator, or designee, in order to take action **to restore core cooling, mitigate an off-site release in progress, or maintain spent fuel pool cooling**, using this Attachment.

Consider the use of 10CFR50.54(x) when using this Attachment (refer to OP-AA-101-111-1003).

Task being performed: _____

Date/Time: _____

<input checked="" type="checkbox"/> Indicates deviations from normal work processes	
Configuration Control	Work Process
<ul style="list-style-type: none"> <input type="checkbox"/> Clearance/Equipment Tagging <input type="checkbox"/> Procedure (used as status control mechanism) <input type="checkbox"/> Boundary Control <input type="checkbox"/> 	<ul style="list-style-type: none"> <input type="checkbox"/> Work Order Process <input type="checkbox"/> Manual Process <input type="checkbox"/>
Radiation Protection	Industrial Safety
<ul style="list-style-type: none"> <input type="checkbox"/> RP Job Coverage <input type="checkbox"/> Dose Limits <input type="checkbox"/> Turn Back Dose/Dose Rate <input type="checkbox"/> Protective Clothing/Contamination Control <input type="checkbox"/> 	<ul style="list-style-type: none"> <input type="checkbox"/> Working at heights <input type="checkbox"/> Working over or near water <input type="checkbox"/> Heat Stress <input type="checkbox"/> PPE <input type="checkbox"/> Electrical Safety <input type="checkbox"/>
List minimum requirements required for each deviation indicated:	
Approved by SM/EC _____	
Post-job debrief (for example: describe the as-found plant conditions, actions taken, as-left plant conditions):	
Reviewed by OSCC/SM/EC _____	

Attachment 12
ORGANIZATION OF ALL-CALL EXTRA RESPONDERS
Page 1 of 2

On-Site Facilities

1. Once all on-site positions have been staffed **DIRECT** remaining personnel to mustering area(s). Below are some suggestions:
 - Hope Creek Cafeteria (Capacity: 90)
 - Hope Creek General Purpose Room (Capacity: 84)
 - Salem Cafeteria (Capacity: 79)
 - Salem Lobby Conference Room (Capacity: 46)
 - Processing Center Auditorium (Capacity: 294)
 - NHQ/LDC Cafeteria (Capacity: 207)

2. **CONTACT** the OSC (Hope Creek ext. 3123; Salem ext. 2518) to inform them of the mustering location for their extra responders.

3. **CONTACT** the Control Point (Hope Creek ext. 3490; Salem ext. 2608) to inform them of the mustering location for their extra responders.

4. **DIRECT** the individuals in the mustering area(s) to sign-in on Page 2 of this attachment.

5. **PROVIDE** completed Mustering Area Sign-In sheet(s) to the Emergency Operations Facility (EOF) (call Ext. 2375 for further instructions).

EOF

1. Once all EOF positions have been staffed **DIRECT** remaining personnel to mustering area(s). Below are some suggestions:
 - Alternative Emergency Response Facility (Capacity: 62)
 - Unified Command Center (Capacity: 60)
 - EERC Auditorium (Capacity: 132)
 - EERC Cafeteria (Capacity: 84)

2. **DIRECT** the individuals in the mustering area(s) to sign-in on Page 2 of this attachment.

3. **PROVIDE** completed Mustering Area Sign-In sheet(s) to the Administrative Support Manager (ASM) in the Emergency Operations Facility (EOF).
