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PRC SECG-ATT.06 000	14	A	1	H	76510
PRC SECG-ATT.08 000	5	A	1	H	76551
PRC SECG-ATT.09 000	13	A	1	H	76592
PRC SECG-SECG-TOC 000	24	A	1	H	76469
PRC SECG-SECT.11.9 000	1	A	1	H	76346

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A045

SALEM GENERATING STATION  
EVENT CLASSIFICATION GUIDE  
August 15, 2000

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CHANGE PAGES FOR  
REVISION #24

The Table of Contents forms a general guide to the current revision of each section and attachment of the Salem ECG. The changes that are made in this TOC Revision #24 are shown below.

1. Check that your revision packet is complete.
2. Add the revised documents.
3. Remove and recycle the outdated material listed below.

ADD			REMOVE		
<u>Pages</u>	<u>Description</u>	<u>Rev.</u>	<u>Pages</u>	<u>Description</u>	<u>Rev.</u>
ALL	TOC	24	ALL	TOC	23
All	RAL 11.9	01	All	RAL 11.9	00
All	Attachment 6	14	All	Attachment 6	13
All	Attachment 8	05	All	Attachment 8	04
All	Attachment 9	13	All	Attachment 9	12

REVISION SUMMARY:

1. Reportable Action Level (RAL) 11.9 - Changes RAL concerning Special Nuclear Material and deletes RAL concerning receipt of Strategic Special Nuclear Material.
2. Attachment 6 - Instruction to use new Attachment 6 with new PAR, telephone number changes and step moved to Attachment 8.
3. Attachment 8 - Step moved from Attachment 6 and Instruction to use new Attachment 8 with new PAR.
4. Attachment 9 - Telephone number changes.

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<u>SECTION</u>	<u>TITLE</u>	<u>REV #</u>	<u>PAGES</u>	<u>DATE</u>
T.O.C.	Table of Contents/Signature Page	24	4	08/15/00
i	Introduction and Usage	01	11	06/29/00
ii	Glossary of Acronyms & Abbreviations	00	6	01/21/97
iii	Critical Function Status Trees (CFSTs), Unit 1	21	7	04/16/98
	Critical Function Status Trees (CFSTs), Unit 2	23	6	08/19/97
1.0	<b>Fuel Clad Challenge</b>	00	1	01/21/97
2.0	<b>RCS Challenge</b>	00	1	01/21/97
3.0	<b>Fission Product Barriers (Table)</b>	00	1	01/21/97
4.0	<b>EC Discretion</b>	00	1	01/21/97
5.0	<b>Failure to TRIP</b>	00	1	01/21/97
6.0	<b>Radiological Releases/Occurrences</b>			
	6.1 Gaseous Effluent Release	00	4	01/21/97
	6.2 Liquid Effluent Release	00	1	01/21/97
	6.3 In Plant Radiation Occurrences	00	1	01/21/97
	6.4 Irradiated Fuel Event	00	2	01/21/97
7.0	<b>Electrical Power</b>			
	7.1 Loss of AC Power Capabilities	00	2	01/21/97
	7.2 Loss of DC Power Capabilities	00	1	01/21/97
8.0	<b>System Malfunctions</b>			
	8.1 Loss of Heat Removal Capability	00	2	01/21/97
	8.2 Loss of Overhead Annunciators	00	1	01/21/97
	8.3 Loss of Communications Capability	00	1	01/21/97
	8.4 Control Room Evacuation	00	1	01/21/97
	8.5 Technical Specifications	00	1	01/21/97
9.0	<b>Hazards - Internal/External</b>			
	9.1 Security Threats	00	1	01/21/97
	9.2 Fire	00	1	01/21/97
	9.3 Explosion	00	1	01/21/97
	9.4 Toxic/Flammable Gases	00	2	01/21/97
	9.5 Seismic Event	00	1	01/21/97
	9.6 High Winds	00	1	01/21/97
	9.7 Flooding	00	1	01/21/97
	9.8 Turbine Failure/Vehicle Crash/ Missile Impact	00	1	01/21/97
	9.9 River Level	00	1	01/21/97
10.0	Reserved for future use	N/A		
WC	<b>Salem ECG Charts (Located In ERFs)</b>	00	2	01/21/97
SGS				

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Licensing is responsible for the Reportable Action Level (Section 11) and associated Attachments (marked by "L")				
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<b>11.0</b>	<b>Reportable Action Levels (RALs)</b>			
11.1	Technical Specifications	00	3	01/21/97
11.2	Design Basis/ Unanalyzed Condition	00	2	01/21/97
11.3	Engineered Safety Features (ESF)	01	1	08/28/97
11.4	Personnel Safety/Overexposure	00	2	01/21/97
11.5	Environmental	00	1	01/21/97
11.6	After-the-Fact	00	1	01/21/97
11.7	Security/Emergency Response Capabilities	01	1	03/13/97
11.8	Public Interest	00	1	01/21/97
11.9	Accidental Criticality/ Special Nuclear Material/ Rad Material Shipments - Releases	01	2	08/15/00
11.10	Voluntary Notifications	00	1	01/21/97

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Licensing is responsible for the Reportable Action Level (Section 11)  
and associated Attachments (marked by "L")

<u>ATTACHMENT</u>	<u>TITLE</u>	<u>REV #</u>	<u>PAGES</u>	<u>DATE</u>
1	UNUSUAL EVENT	03	2	02/29/00
2	ALERT	03	2	02/29/00
3	SITE AREA EMERGENCY	03	2	02/29/00
4	GENERAL EMERGENCY	04	5	02/29/00
5	L NRC Data Sheet Completion Reference	01	7	07/22/99
6	Primary Communicator Log	14	8	08/15/00
7	Primary Communicator Log (GE)	deleted		02/29/00
8	Secondary Communicator Log	05	9	08/15/00
9	L Non-Emergency Notifications Reference	13	3	08/15/00
10	L 1 Hr Report - NRC Regional Office	00	3	01/21/97
11	L 1 Hr Report (Common Site) Security/Safeguards	00	3	01/21/97
12	L 1 Hr Report - NRC Operations	00	3	01/21/97
13	L 4 Hr Report - Contaminated Events Outside Of The RCA	00	7	01/21/97
14	L 4 Hr Report - NRC Operations	01	3	05/01/98
15	L Environmental Protection Plan	01	3	03/13/97
16	L Spill / Discharge Reporting	01	7	03/29/00
17	L 4 Hr Report - Fatality or Medical Emergency	00	4	01/21/97
18	L 4 Hr Report - Radiological Transportation Accident	01	4	05/12/97
19	L 24 Hr Report - Fitness For Duty (FFD) Program Events	01	3	05/12/97
20	L 24 Hr Report - NRC Regional Office	00	3	01/21/97
21	L Reportable Event - LAC/ Memorandum Of Understanding (M.O.U.)	00	2	01/21/97
22	L T/S Required Engineering Evaluation	00	2	01/21/97
23	Reserved			
24	UNUSUAL EVENT (Common Site)	05	3	02/29/00
25	1 Hr Report (Common Site) - Major Loss of Emergency Assessment, Offsite Response, <u>OR</u> Communications Capability	01	3	07/22/99

**SIGNATURE PAGE**

Prepared By: William T. Detwiler, Rev. 22 08/07/2000  
(If Editorial Revisions Only, Last Approved Revision) Date

Section/Attachments Revised: RAL 11.9 08/07/2000  
(List Non Editorial Only - Section/Attachments) Date

Reviewed By: William T. Detwiler 8/07/2000  
Station Qualified Reviewer Date

Reviewed By: N/A \_\_\_\_\_  
Department Manager Date

Reviewed By: [Signature] 8/11/00  
Manager - Licensing Date  
(Reportable Action Level (Section 11) and associated Attachments marked by "L")

Reviewed By: Raymond [Signature] (R. DIECE) for D. MILLER 08/11/2000  
Manager - EP & IT Date

Reviewed By: N/A \_\_\_\_\_  
Manager - Quality Assessment - NBU Date  
(If Applicable)

**SORC Review and Station Approvals**

<u>N/A</u>	<u>N/A</u>
Mtg. No. Salem Chairman	Vice President Nuclear Operations
<u>                    </u>	<u>                    </u>
Date	Date

Effective Date of this Revision: 08/15/00  
Date

ATTACHMENT 6

PRIMARY COMMUNICATOR LOG

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Table of Contents

<u>Pages</u>	
1 - 3	Notifications & Incoming Calls
4	Termination
5 - 8	Communications Log

Emergency Classification: (circle)	UE	ALERT	SAE	GE
Name: _____	Position: CM1 /TSC1/ EOF1			
(Print)	(Circle)			

A. NOTIFICATIONS

**NOTE**

A new Attachment 6 is required to be implemented if the classification or protective action recommendation (PAR) changes.

**CAUTION**

**Fifteen-minute clock for notification starts at time event was declared.**

Initials

1. CALL each Organization or Individual identified on the Communications Log (Pgs. 5 - 8) and READ the ICMF.

\_\_\_\_\_  
CM1/TSC1/EOF1

2. IF required to activate an individual's pager, THEN PERFORM the following:

- a. DETERMINE a non-NETS phone number for the pager holder to call back on and note it here.

Call Back #: 856-339-\_\_\_\_\_

- b. DIAL the pager number of the individual you are trying to contact.

Initials

- c. WHEN you hear "Beep, Beep, Beep,"  
THEN ENTER the Call Back #.
- d. HANG UP the phone and CONTINUE making other notifications per Step 1.

\_\_\_\_\_  
CM1/TSC1/EOF1

## B. TURNOVER

1. WHEN CONTACTED by the TSC (or EOF) in preparing for notification responsibilities,  
THEN PROVIDE the following information:
- Organizations/Individuals notified.
  - Phone numbers or locations of Individuals for updates or changes in status.
2. WHEN the EC function transfers to the oncoming facility,  
THEN contact the oncoming communicator and COMPLETE turnover.

\_\_\_\_\_  
CM1/TSC1

\_\_\_\_\_  
CM1/TSC1

## C. INCOMING CALLS

### NOTE

Initial Notifications take priority over incoming calls.

## STATE OFFICIALS

1. IF Notifications authority has transferred,  
THEN DIRECT the caller to contact the TSC (or EOF if activated).
2. WHEN contacted by any State Agency Officials (listed here),

\_\_\_\_\_  
CM1/TSC1

**DEMA** - Delaware Emergency Management Agency  
**AAAG** - Delaware Accident Assessment Advisory Group  
**BNE** - NJ Bureau of Nuclear Engineering  
**DEP** - NJ Dept. of Environmental Protection  
**OEM** - NJ Office of Emergency Management

C. INCOMING CALLS (cont'd)

Initials

PERFORM the following:

- ( ) a. OBTAIN and RECORD

Agency

Caller's Name

Phone #

_____	_____	_____
_____	_____	_____

- ( ) b. READ the latest EC approved SSCL.

- ( ) c. IF caller is NJ-BNE, DEMA, or AAAG,  
THEN also READ the approved NRC Data Sheet Event  
Description information.

\_\_\_\_\_  
CM1/TSC1/EOF1

NEWS MEDIA

**CAUTION**

**Communicators are NOT authorized to release any information to the News Media.**

3. WHEN contacted by any News Media representative,  
READ the appropriate message below:

- ( ) a. IF the ENC is not activated (Unusual Event), say

**“You are requested to contact the Nuclear Communications Office  
at the following number: 856-339-1186.”**

**“You are requested to contact the Media Information Operator at  
any of the following numbers: 856-273-0188, -0282, -0386, -0479,  
or -0586.”**

\_\_\_\_\_  
CM1/TSC1/EOF1

Initials

**D. CONTINUOUS DUTIES**

1. ASSIST the CM2 gathering and faxing operational data. \_\_\_\_\_  
CM1
  
2. ASSIST the TSC2 (or EOF2) in maintaining facility status boards \_\_\_\_\_  
TSC1/EOF1
  
3. IF the telecopier is NOT working correctly,  
THEN CALL the TSC - Emergency Preparedness Advisor (EPA) for assistance. \_\_\_\_\_  
CM1/TSC1/EOF1
  
4. IF required to provide continuous communication with the NRC,  
LOCATE the CM1 headset and establish communications with the NRC. \_\_\_\_\_  
CM1

**E. TERMINATION/REDUCTION**

1. WHEN the Emergency has been terminated or reduced in classification,  
THEN;
  - a. OBTAIN the EC approved EMERGENCY TERMINATION/  
REDUCTION FORM. \_\_\_\_\_  
CM1/TSC1/EOF1

**NOTE**

Time limits for notifications of Emergency Termination only apply to the NRC (as soon as possible, but < 60 minutes).

- b. CALL each Organization or Individual identified on the Communications Log and READ the message. \_\_\_\_\_  
CM1/TSC1 EOF1
  
2. WHEN the emergency is terminated,  
THEN FORWARD this document and all completed Forms to the OS (TSS/SSM). \_\_\_\_\_  
CM1/TSC1/EOF1

COMMUNICATIONS LOG		INITIAL NOTIFICATIONS			EVENT REDUCTION	
TIME LIMIT	CLASSIFICATION: (UE/A/SAE/GE)	NAME OF CONTACT	DATE /TIME	CALLER	NAME OF CONTACT /TIME	
	ORGANIZATION/INDIVIDUALS					
15 MIN.	<b>DELAWARE STATE POLICE/DEMA</b>					
	Initial contact: Primary: (SP)                      NETS 5406 Secondary:                            302-659-2341 Backup:                                NAWAS					
	<b>When DEMA calls back to report acceptance of emergency responsibilities (approx. 1 hour after initial notification) then contact numbers become:</b>	Call Back:				
	Primary: (DEMA)                    NETS 5407 Secondary:                            302-659-2220, -2221 BACKUP:                                NAWAS					
<b>NOTES: IF DELAWARE IS CONTACTED, PROCEED WITH NEW JERSEY. IF NOT, THEN CONTACT BOTH COUNTIES IN DELAWARE.</b>						
	<u>NEW CASTLE COUNTY</u>					
	Primary:                                NETS 5408 Secondary:                              302-738-3131					
	<u>KENT COUNTY</u>					
	Primary:                                NETS 5409 Secondary:                              302-678-9111					
15 MIN.	<b>NEW JERSEY STATE POLICE/OEM</b>					
	Primary:                                NETS 5400 Secondary:                              609-882-4201 BACKUP:                                EMRAD	Call Back:				
	<b>NOTES: IF NEW JERSEY IS CONTACTED, THEN PROCEED WITH THE NEXT PAGE. IF NOT, THEN CONTACT ALL OF THE FOLLOWING:</b>					
		<u>SALEM COUNTY</u>				
		Primary:                                NETS 5402 Secondary:                              769-2959				
	<u>CUMBERLAND COUNTY</u>					
	Primary:                                NETS 5403 Secondary:                              455-8770					
	<u>U.S. COAST GUARD</u> (Speak Only to Duty Desk)					
	Primary:                                215-271-4800 Secondary:                              215-271-4940					

COMMUNICATIONS LOG		INITIAL NOTIFICATIONS			EVENT REDUCTION
TIME LIMIT	CLASSIFICATION: (UE/A/SAE/GE) ORGANIZATION/INDIVIDUALS	NAME OF CONTACT	DATE /TIME	CALLER	NAME OF CONTACT /TIME
30 MIN.	LAC TOWNSHIP  Primary: NETS 5404 Secondary: 856-935-7300				
<p><b><u>NRC OPS CENTER COMMUNICATIONS INSTRUCTIONS</u></b></p> <ol style="list-style-type: none"> <li><b><u>OBTAIN</u></b> the approved NRC Data Sheet.</li> <li><b><u>IF</u></b> time permits, <b><u>FAX</u></b> NRC Data sheet to NRC at 9-1-301-816-5151.</li> <li><b><u>READ</u></b> both the ICMF and NRC Data Sheet. <b><u>IF</u></b> the NRC Data Sheet is <b><u>NOT</u></b> obtainable within 60 minutes of emergency declaration, <b><u>THEN</u></b> read only the ICMF. This constitutes official notification of the NRC. Follow up with Data Sheet when obtained.</li> <li><b><u>DOCUMENT</u></b> the notification below.</li> <li><b><u>IF</u></b> the NRC requests additional information concerning the event, <b><u>THEN</u></b> <b><u>OBTAIN</u></b> assistance from CR (TSC/EOF) Staff to <b><u>ENSURE</u></b> it is accurate and EC approved.</li> <li><b><u>IF</u></b> the NRC requests an open line be maintained, <b><u>THEN</u></b> <b><u>OBTAIN</u></b> assistance in completing any remaining calls. (See Note below)</li> </ol>					
60 MIN.	<p><b>NRC OPERATIONS CENTER</b></p> <p><input type="checkbox"/> ICMF <input type="checkbox"/> NRC Data Sheet</p> <p>Primary:(ENS) 301-816-5100 First back-up: 301-951-0550 Second back-up: 301-415-0550 FAX 9-1-301-816-5151</p>				

**NOTE**

An additional communicator (preferably an RO or SRO) may be assigned to provide continuous updates to the NRC under the following circumstances;

- NRC requests an open line be maintained.
- Additional qualified communicator is available **AND** is not required for actions to mitigate the emergency (higher priority activities) in the judgment of the EC.

EVENT

COMMUNICATIONS LOG

INITIAL NOTIFICATIONS

REDUCTION

TIME LIMIT	CLASSIFICATION: (UE/A/SAE/GE)  ORGANIZATION/INDIVIDUALS	NAME OF CONTACT	DATE /TIME	CALLER	NAME OF CONTACT /TIME
70 MIN.	<b>EMERGENCY DUTY OFFICER (EDO)</b> Primary: Refer to Roster Secondary: (Contact One) John Robertson Office:                               2622 Home:                               856-589-2367 Pager:                               856-277-4147 Car:                                 609-230-5630 Jay Laughlin Office:                               5136 Home:                               856-935-8545 Pager:                               856-277-3673 Car:                                 609-230-7995 Steve Mannon Office:                               1129 Home:                               856-227-7568 Pager:                               856-277-3521 Car:                                 609-230-5326 Jim Webster Office:                               2985 Home:                               856-935-7678 Pager:                               856-277-3500 Car:                                 609-230-5671	<u>NOTE 1</u>  <b>NOTIFY EDO for Unusual Events ONLY.</b>			
70 MIN.	<b>PUBLIC INFORMATION MANAGER NUCLEAR</b> (Contact One) Skip Sindoni Office:                               1002 Home:                               856-478-4364 Pager:                               856-277-3923 Karissa Laur Office:                               1003 Home:                               302-655-9042 Pager:                               856-277-3635	<u>NOTE 2</u>  After ENC activation, <b>NOTIFY the ENC Lead Tech Advisor NETS -5303 Or DID 273-0695</b>			

COMMUNICATIONS LOG		INITIAL NOTIFICATIONS			EVENT REDUCTION
TIME LIMIT	CLASSIFICATION: _____ (UE/A/SAE/GE) ORGANIZATION/INDIVIDUALS	NAME OF CONTACT	DATE /TIME	CALLER	NAME OF CONTACT /TIME
75 MIN.	<b>NRC RESIDENTS</b> (Contact One)  Scott Morris Office: 1019 Or 856-935-3850 Or 856-935-5151 Home: 302-239-0310 (Call before paging) Pager: 800-730-8314  Jeff Laughlin Office 1074 Or 856-935-3850 Or 856-935-5151 Home 610-269-2767 Pager 800-730-2571				
90 MIN.	<b>EXTERNAL AFFAIRS</b> (Contact One)  Ross Bell Office: 1239 Home: 856-455-7435 Pager: 856-277-3695  Ed Johnson Office: 1486 Home: 856-678-2257 Pager: 856-277-3644	<u>NOTE 3</u>  Not required to notify External Affairs After the EOF is activated.			
90 MIN.	<b>AMERICAN NUCLEAR INSURERS</b> (ANI) 860-561-3433	<u>NOTE 4</u>  Not required to notify ANI for Unusual Events			

ATTACHMENT 8

SECONDARY COMMUNICATOR LOG

Table of Contents

Pages

1 - 2 Notifications & Data Collection/Transmission  
 3 - 4 Incoming Calls (BNE, DEMA, OEM, AAAG, etc.)  
 5 Major Equipment & Electrical Status (MEES) form  
 6 Operational Status Board (OSB) form  
 7 - 8 Station Status Checklist (SSCL) form  
 9 Common Site UNUSUAL EVENT – Station Status Checklist form

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Emergency Classification: (circle)	UE	ALERT	SAE	GE
Name: _____	Position: CM2 /TSC2/ EOF2			
(Print)	(circle)			

A. NOTIFICATIONS

**NOTE**

A new Attachment 8 is required to be implemented if the classification or protective action recommendation (PAR) changes.

- |  | Initials      |
|--|---------------|
| 1. OBTAIN a copy of Attachment 6 and ASSIST Primary Communicator with 15-minute notifications, as necessary.   |               |
| 2. DIRECT the Shift Rad Pro Tech (SRPT) (x2644) to implement <b>SC.EP-EP.ZZ-0301(Q)</b> , Shift Radiation Protection Technician Response. (N/A for Common Site). | CM2/TSC2/EOF2 |
| Name: _____ Time: _____  | CM2           |
| 3. <u>For an ALERT or higher emergency;</u>  |               |
| ( ) a. CALLOUT an additional SRO and have him/her report to the OSC.   |               |
| Name: _____ Time: _____  | CM2           |
| b. ACTIVATE ERDS within 60 minutes from the Affected Unit's SPDS terminal;   |               |
| 1) PRESS <UNIT MASTER MENU> key.   |               |
| 2) PRESS <ERDS> key.   |               |
| 3) FOLLOW screen prompts.  | CM2           |

Initials

**A. NOTIFICATIONS (cont'd)**

4. OBTAIN a copy of the ICMF and FAX the ICMF to Group A. \_\_\_\_\_  
CM2/TSC2/EOF2
5. COMPLETE a **Station Status Checklist (SSCL)** Form, Pg. 7 or Common Site  
**UNUSUAL EVENT Station Status Checklist (SSCL)** Form, Pg. 9;
- ( ) a. OBTAIN OS (TSS/SSM) assistance, as needed for SSCL Pg.1.
  - ( ) b. OBTAIN SRPT (RAC/RSM) assistance, as needed for SSCL Pg.2. (N/A for Common Site)
  - ( ) c. FAX to Group B.
  - ( ) d. IF fax transmission of the SSCL is incomplete,  
THEN CONTACT the State Agencies listed below, READ the data, AND  
DOCUMENT on SSCL, Pg. 2.

**DEMA** Delaware Emergency Management Agency 302-659-2290  
**BNE** NJ Bureau of Nuclear Engineering 609-984-7700

\_\_\_\_\_  
CM2/TSC2/EOF2

6. OBTAIN completed **NRC Data Sheet** from the CM-1, and FAX form to Group B. \_\_\_\_\_  
CM2/TSC2/EOF2
7. REPEAT Step 4 approximately every half hour OR IMMEDIATELY for significant changes in Station status, until either Turnover or relief. \_\_\_\_\_  
CM2/TSC2/EOF2
8. TURNOVER responsibility for offsite notifications and offsite data updates (SSCLs) to the oncoming facility (TSC or EOF);
- ( ) a. GIVE names and phone numbers of contacts already made with any Offsite Agencies.
  - ( ) b. GIVE time for next SSCL. \_\_\_\_\_  
CM2/TSC2
9. IF available for other duties AND TSC turnover is complete,  
THEN obtain headset, MAN the Ops Data line and CONTACT the TSC ops advisor and establish an open line of communication from the control room to the TSC. \_\_\_\_\_  
CM-2

**B. DATA COLLECTION/TRANSMISSION**

1. WHEN in an ALERT or higher emergency  
OR AFTER significant changes in plant status;  
THEN COMPLETE the **Major Equipment and Electrical Status (MEES)** Form.
- ( ) a. OBTAIN Licensed Operator review.
  - ( ) b. GIVE a copy to the OSC Coordinator.
  - ( ) c. FAX to Group C. \_\_\_\_\_  
CM2

Initials

**B. DATA COLLECTION/TRANSMISSION (cont'd)**

2. IF requested by the TSC,  
THEN COMPLETE the **Operational Status Board (OSB)** Form every 15 minutes,  
(TSS may modify the frequency or data list as appropriate)

- a. OBTAIN Licensed Operator review.
- b. FAX to Group C.

\_\_\_\_\_ CM2

3. ENSURE the Facility OSB and MEES Status Boards are updated as follows:

- a. OBTAIN OSB Data from **SPDS** "Unit Master Menu."
- b. IF SPDS is Out of Service,  
THEN REQUEST CM2 to perform step B.2, above. (data set and frequency  
of updates may be revised by the TSS based on event circumstances)
- c. WHEN significant changes in plant status occur,  
THEN REQUEST CM2 to perform step B.1, above.

\_\_\_\_\_ TSC2/EOF2

4. WHEN the emergency is terminated,  
THEN FORWARD this document and all completed Forms to the OS (TSS/SSM).

\_\_\_\_\_ CM2/TSC2/EOF2

**C. INCOMING CALLS**

STATE OFFICIALS

1. IF Notifications authority has transferred,  
THEN DIRECT the caller to contact the TSC (or EOF if activated).

\_\_\_\_\_ CM2/TSC2

2. WHEN contacted by any State Agency Officials (listed here),

- DEMA** - Delaware Emergency Management Agency
- AAAG** - Delaware Accident Assessment Advisory Group
- BNE** - NJ Bureau of Nuclear Engineering
- DEP** - NJ Department of Environmental Protection
- OEM** - NJ Office of Emergency Management

PERFORM the following:

- a. OBTAIN and RECORD;  
Agency                      Caller's Name                      Phone #


b. READ the latest EC approved SSCL.

Initials

C. INCOMING CALLS (cont'd)

STATE OFFICIALS

- ( ) c. IF caller is NJ-BNE, DEMA, or AAAG,  
THEN also READ the approved NRC Data Sheet Event Description.

CM2/TSC2/EOF2

NEWS MEDIA

**CAUTION**

**Communicators are NOT authorized to release any information to the News Media.**

3. WHEN contacted by any News Media representative,  
READ the appropriate message below:

- ( ) a. IF the ENC is not activated (Unusual Event), say;

**“You are requested to contact the Nuclear Communications Office  
at the following number: 856-339-1186.”**

- ( ) b. IF the ENC is activated (ALERT or higher), say;

**“You are requested to contact the Media Information Operator at  
any of the following numbers: 856-273-0188, -0282, -0479, or -  
0586.”**

CM2/TSC2/EOF2

NRC OPERATIONS CENTER

4. WHEN directed by the NRC to TERMINATE ERDS transmission,  
THEN GO TO any SPDS terminal of the affected Unit AND PROCEED as follows;

- a. PRESS <UNIT MASTER MENU> key.  
b. PRESS <ERDS> key.  
c. FOLLOW screen prompts.  
d. WHEN completed, NOTIFY the OS.

CM2



# Operational Status Board – Salem

UPDATE: 

--	--

  
TIME DATE

UNIT #

**I. EMERGENCY CORE COOLING SYSTEM**

Cent. Chrg. Pump Flow (BIT flow)	<table border="1" style="width: 100%; height: 20px;"></table>	GPM
SI P flow # __1	<table border="1" style="width: 100%; height: 20px;"></table>	GPM
SI P flow # __2	<table border="1" style="width: 100%; height: 20px;"></table>	
RHR P flow # __1	<table border="1" style="width: 100%; height: 20px;"></table>	GPM
RHR P flow # __2	<table border="1" style="width: 100%; height: 20px;"></table>	GPM
RWST LEVEL	<table border="1" style="width: 100%; height: 20px;"></table>	FT

**II. CONTAINMENT**

Cont. Pressure	<table border="1" style="width: 100%; height: 20px;"></table>	PSIG
Cont. Temperature (AVG)	<table border="1" style="width: 100%; height: 20px;"></table>	F
Cont. H <sub>2</sub> Concen.	<table border="1" style="width: 100%; height: 20px;"></table>	%
Cont. Sump level	<table border="1" style="width: 100%; height: 20px;"></table>	%
Cont. Rad (hi range) __R44A	<table border="1" style="width: 100%; height: 20px;"></table>	R/hr
Cont. Rad (hi range) __R44B	<table border="1" style="width: 100%; height: 20px;"></table>	R/hr

**III. REACTOR COOLANT SYSTEM**

# of RCPs Running	<table border="1" style="width: 100%; height: 20px;"></table>	
RVLIS (full range)	<table border="1" style="width: 100%; height: 20px;"></table>	%
Core Exit Thermocouple (hottest)	<table border="1" style="width: 100%; height: 20px;"></table>	F
# of Thermocouples > 1200 °F	<table border="1" style="width: 100%; height: 20px;"></table>	
Tc Loop __1	<table border="1" style="width: 100%; height: 20px;"></table>	F
Tc Loop __2	<table border="1" style="width: 100%; height: 20px;"></table>	F
Tc Loop __3	<table border="1" style="width: 100%; height: 20px;"></table>	F
Tc Loop __4	<table border="1" style="width: 100%; height: 20px;"></table>	F
*Tave (Autoneered) <small>*If no RCPs running, Tave on the Control Console is invalid.</small>	<table border="1" style="width: 100%; height: 20px;"></table>	F
PZR/RCS Pressure	<table border="1" style="width: 100%; height: 20px;"></table>	PSIG
PZR Level (hot)	<table border="1" style="width: 100%; height: 20px;"></table>	%
Th Loop __1	<table border="1" style="width: 100%; height: 20px;"></table>	F
Th Loop __2	<table border="1" style="width: 100%; height: 20px;"></table>	F
Th Loop __3	<table border="1" style="width: 100%; height: 20px;"></table>	F
Th Loop __4	<table border="1" style="width: 100%; height: 20px;"></table>	F
Reactor Power/Neutron flux	<table border="1" style="width: 100%; height: 20px;"></table>	%/amps/CPS
Subcooling Margin	<table border="1" style="width: 100%; height: 20px;"></table>	F

**IV. C.V.C.S**

Letdown flow	<table border="1" style="width: 100%; height: 20px;"></table>	GPM
Charging flow	<table border="1" style="width: 100%; height: 20px;"></table>	GPM

**V. SECONDARY COOLANT SYSTEM**

NO. __1 SG level	<table border="1" style="width: 100%; height: 20px;"></table>	% (NR or WR)
NO. __2 SG level	<table border="1" style="width: 100%; height: 20px;"></table>	% (NR or WR)
NO. __3 SG level	<table border="1" style="width: 100%; height: 20px;"></table>	% (NR or WR)
NO. __4 SG level	<table border="1" style="width: 100%; height: 20px;"></table>	% (NR or WR)
NO. __1 SG pressure	<table border="1" style="width: 100%; height: 20px;"></table>	PSIG
NO. __2 SG pressure	<table border="1" style="width: 100%; height: 20px;"></table>	PSIG
NO. __3 SG pressure	<table border="1" style="width: 100%; height: 20px;"></table>	PSIG
NO. __4 SG pressure	<table border="1" style="width: 100%; height: 20px;"></table>	PSIG
NO. __1 SG feedflow	<table border="1" style="width: 100%; height: 20px;"></table>	% or LBS/HR
NO. __2 SG feedflow	<table border="1" style="width: 100%; height: 20px;"></table>	% or LBS/HR
NO. __3 SG feedflow	<table border="1" style="width: 100%; height: 20px;"></table>	% or LBS/HR
NO. __4 SG feedflow	<table border="1" style="width: 100%; height: 20px;"></table>	% or LBS/HR
AFST level	<table border="1" style="width: 100%; height: 20px;"></table>	%

**VI. MISC. TANKS LEVEL**

Waste Hold-Up Tank # __1	<table border="1" style="width: 100%; height: 20px;"></table>	%
Waste Hold-Up Tank # __2	<table border="1" style="width: 100%; height: 20px;"></table>	%
Waste Monitor HUT	<table border="1" style="width: 100%; height: 20px;"></table>	%

**VII. SSCL INFORMATION**

	YES	NO
Offsite power available?	<table border="1" style="width: 100%; height: 20px;"></table>	<table border="1" style="width: 100%; height: 20px;"></table>
Two or more diesels available?	<table border="1" style="width: 100%; height: 20px;"></table>	<table border="1" style="width: 100%; height: 20px;"></table>
Did ECCS actuate?	<table border="1" style="width: 100%; height: 20px;"></table>	<table border="1" style="width: 100%; height: 20px;"></table>
Is the containment barrier failed?	<table border="1" style="width: 100%; height: 20px;"></table>	<table border="1" style="width: 100%; height: 20px;"></table>

SIGNIFICANT PLANT	EVENTS
<table border="1" style="width: 100%; height: 100%;"></table>	<table border="1" style="width: 100%; height: 100%;"></table>
<table border="1" style="width: 100%; height: 100%;"></table>	<table border="1" style="width: 100%; height: 100%;"></table>
<table border="1" style="width: 100%; height: 100%;"></table>	<table border="1" style="width: 100%; height: 100%;"></table>

Licensed Operator Review 



 Initials

# STATION STATUS CHECKLIST

## Operational Information

SALEM GENERATING STATION Unit No. \_\_\_\_\_ Message Date \_\_\_\_\_ Time \_\_\_\_\_

Transmitted By: Name \_\_\_\_\_ Position \_\_\_\_\_

(CR/TSC/EOF)

1. Date and Time Event Declared: Date \_\_\_\_\_ Time \_\_\_\_\_ (24 hr clock)

2. Event Classification:  Unusual Event  Site Area Emergency  
 Alert  General Emergency

3. Cause of Event: Primary Initiating Condition used for declaration

EAL #(s) \_\_\_\_\_

Description of the event \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

4. Status of Reactor:  Tripped/Time \_\_\_\_\_  At Power  Startup  
 Hot Standby  Hot Shutdown  Cold Shutdown  Refuel

5. RZR/RCS Pressure \_\_\_\_\_ psig Core Exit TC \_\_\_\_\_ °F

6. Is offsite power available?  YES  NO

7. Are two or more diesel generators available?  YES  NO

8. Did any Emergency Core Cooling Systems actuate?  YES  NO

9. Is the Containment barrier failed? (Loss per EAL section 3.3)  YES  NO

10. Other pertinent information \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Approved: \_\_\_\_\_

EC or TSS or SSM

STATION STATUS CHECKLIST  
(PAGE 2 OF 2)  
RADIOLOGICAL INFORMATION

ECG  
ATT 8  
Pg. 8 of 9

SALEM GENERATING STATION UNIT NUMBER: \_\_\_\_\_ CALCULATION TIME: \_\_\_\_\_ DATE: \_\_\_\_\_

1. GASEOUS RELEASE>TECH SPEC (T/S) LIMITS:

(T/S LIMITS: 2.42 E+05  $\mu$ Ci/sec NG or 2.1E+01  $\mu$ Ci/sec IODINE)  
YES: [ ] RELEASE START TIME: \_\_\_\_\_ DATE: \_\_\_\_\_  
NO: [ ]

A. RELEASE TERMINATED: YES [ ] NO [ ] N/A [ ]

B. ANTICIPATED OR UNKNOWN DURATION OF RELEASE: \_\_\_\_\_ HOURS

C. TYPE OF RELEASE: GROUND [ ] ELEVATED: [ ] N/A [ ]

D. ADJUSTED WIND SPEED: \_\_\_\_\_ (mph) \_\_\_\_\_ (m/sec) WIND DIR (deg from) \_\_\_\_\_

E. STABILITY CLASS: \_\_\_\_\_ (A-G) DELTA T: \_\_\_\_\_ (deg C)

F. VENT PATH OF RELEASE: R41 [ ] R45B/C [ ] R44 [ ] R46 [ ]

G. NG RELEASE RATE: R41 \_\_\_\_\_ R45B/C \_\_\_\_\_ R44 \_\_\_\_\_  
R46 \_\_\_\_\_ ( $\mu$ Ci/sec)

H. I-131 RELEASE RATE: R41 \_\_\_\_\_ R45B/C \_\_\_\_\_ R44 \_\_\_\_\_  
R46 \_\_\_\_\_ DEFAULT ( $\mu$ Ci/sec) (circle if default)

I. TOTAL RELEASE RATE NOBLE GAS: \_\_\_\_\_ ( $\mu$ Ci/sec)

J. TOTAL RELEASE RATE IODINE-131: \_\_\_\_\_ ( $\mu$ Ci/sec)

2. PROJECTED OFFSITE DOSE RATE CALCULATIONS:

DISTANCE FROM VENT (IN MILES)	XU/Q (1/M2)	TEDE RATE (MREM/HR)	TEDE DOSE (4 DAY) (MREM)	THYROID-CDE RATE (MREM/HR)	THYROID-CDE DOSE (MREM)
MEA 0.79	_____	_____	_____	_____	_____
2.00	_____	_____	_____	_____	_____
LPZ 5.00	_____	_____	_____	_____	_____
EPZ 10.00	_____	_____	_____	_____	_____

3. OTHER PERTINENT INFORMATION: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

4. UPDATE TO STATES (IF VERBALLY TRANSMITTED):

	NAME	TIME	INITIALS
STATE OF NEW JERSEY:	_____	_____	_____
STATE OF DELAWARE :	_____	_____	_____
AGENCY:	_____	_____	_____

APPROVED: \_\_\_\_\_  
EC or RAC or RSM

**Common Site Unusual Event  
STATION STATUS CHECKLIST**

**Operational Information** Message Date \_\_\_\_\_ Time \_\_\_\_\_

Transmitted by: Name \_\_\_\_\_ Position \_\_\_\_\_

1. Date and Time Event Declared: Date \_\_\_\_\_ Time: \_\_\_\_\_

2. Cause of event: Primary Initiating Condition used for declaration

EAL# \_\_\_\_\_

Description of the event:

\_\_\_\_\_

\_\_\_\_\_

33FT. LEVEL WIND DIRECTION (From): \_\_\_\_\_ WIND SPEED \_\_\_\_\_  
(From MET Computer) (DEGREES) (MPH)

3. Status of the Reactors	Mode: (Power, Startup, Hot Standby, Hot S/D, Cold S/D, Refuel)	Rx Pressure	Hottest Core Exit TC / Rx Temp	Rx Water Level
Salem 1		psig	°F	covered
Salem 2		psig	°F	covered
Hope Creek		psig	°F	in.

	Salem 1		Salem 2		Hope Creek	
	YES	NO	YES	NO	YES	NO
4. Is offsite power available?						
5. Are two or more diesel generators operable?						
6. Did any Emergency Core Cooling Systems actuate?						
7. Is any Containment Barrier failed? (Loss per EAL section 3.3)						
8. Radiological release (> Tech Spec Limit) in progress		X		X		X

9. Other pertinent information \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_  
EC Initials  
(Approval to Transmit ICMF)

ATTACHMENT 9  
NON-EMERGENCY NOTIFICATIONS REFERENCE  
(SALEM)

PSE&G  
ATT 9  
Pg. 1 of 3  
CONTROL  
COPY # SECG0101

I. INSTRUCTIONS

NOTE

This attachment is the source of the names and telephone numbers for making Non-Emergency reports as directed by the ECG Attachment in effect at this time.

NOTE

The Operations Superintendent (OS) may direct a communicator to make the required notification calls. The responsibility to ensure completion of each step outlined in the ECG attachment and to ensure notification information is accurate remains with the OS.

- A. REFER to Section II of this Attachment and NOTIFY the required Individuals/Organizations IAW the ECG Attachment in effect.
- B. IF required to activate an individual's pager, THEN PERFORM the following:
1. DETERMINE a non-NETS phone number for the pager holder to call back on and MAKE a note of the full call back phone number.
  2. DIAL the pager number of the individual you are trying to contact listed in the Communications Log.
  3. WHEN you hear "Beep, Beep, Beep," THEN ENTER the call back phone number.
  4. HANG UP the phone.
  5. CONTINUE making other notifications per Step A.

**II. TELEPHONE NUMBER REFERENCE**

**NOTE**

NOTIFY ONLY those individuals by title required by the particular ECG Attachment in effect at this time.

TITLES/NAMES	WORK#	HOME#	PAGER#	CAR#
<u>OPERATIONS MGR</u>				
John Robertson	2622	856-589-2367	856-277-4147	609-230-5630
Marios Kafantaris	2215	302 234-2224	856-277-4153	609-230-0105
<u>VP - OPERATIONS</u>				
Mark Bezilla	3463	856-478-4614	856-277-3997	609 230-5670
John Robertson	2622	856-589-2367	856-277-4147	609-230-5630

GOVERNMENT AGENCY	PRIMARY#	SECONDARY#
LAC DISPATCHER	NETS x5404	856-935-7300 856-935-8127 (FAX)
NRC OPERATIONS CENTER	(ENS)301-816-5100	301-951-0550 301-816-5151(FAX)
NRC REGION ONE OFFICE	610-337-5000	

TITLES/NAMES	WORK#	HOME#	PAGER#
<u>NRC RESIDENTS</u>			
Scott Morris	1019 or 935-3850	302-239-0310	800-730-8314 (call before paging)
Jeff Laughlin	1074 or 935 3850	610-269-2767	800-730-2571
NRC Office	2962 or 935-5151 Fax 935-3741		

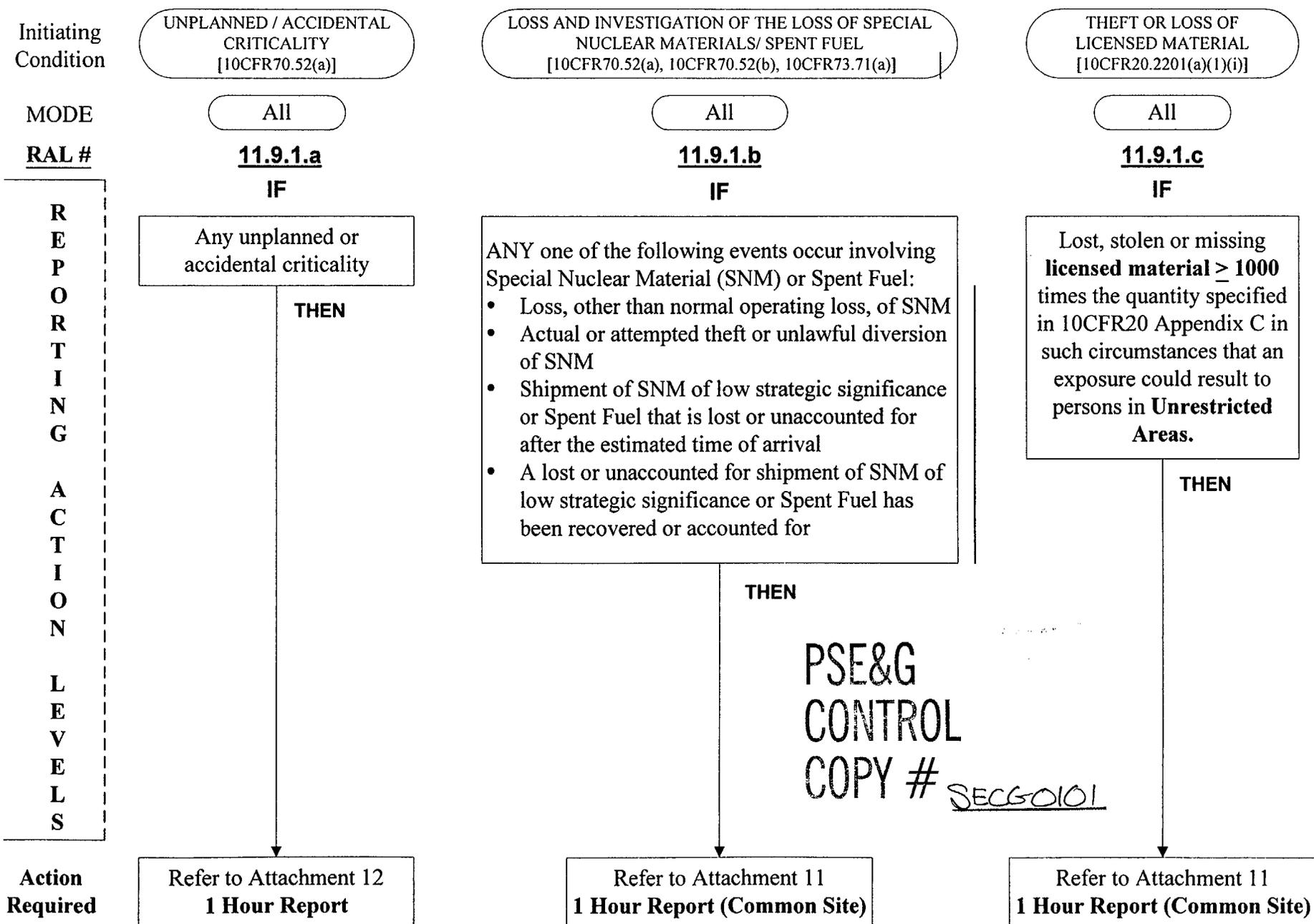
**II. TELEPHONE NUMBER REFERENCE (cont'd)**

TITLES/NAMES	WORK#	HOME#	PAGER#
<u>PUBLIC INFO MGR</u>			
Skip Sindoni	1002	856-478-4364	856-277-3923
Karissa Laur	1003	302-655-8432	856-277-3635
<u>EMERG PREP REPRESENTATIVE</u>			
Craig Banner	1157	856-728-5043	856-277-3623
Jim Schaffer	1575	856-935-5606	856-277-3625
Bill Weckstein	1558	856-455-3237	856-277-3624
<u>EXTERNAL AFFAIRS</u>			
Ross Bell	1239	856-455-7435	856-277-3695
Ed Johnson	1486	856-678-2257	856-277-3644
<u>RADIOLOGICAL SUPPORT REPRESENTATIVE</u>			
John Russell	2410	856-241-1350	856-277-3897
Bob Gary	3578	856-678-4718	856-277-3722
Bill Weckstein	1558	856-455-3237	856-277-3624
<u>RADIATION PROTECTION MANAGER</u>			
Kevin O'Hare	2682	856-358-7272	856-277-3820
Bill Hunkele	2617	856-455-1583	856-277-3548
Dave Ruyter	2625	856-299-9487	856-277-3661
<u>NUCLEAR LICENSING</u>			
<u>DUTY PAGER HOLDER</u>			856-277-3420
Gabe Salamon	5296	610-274-2297	856-277-4103
<u>ENVIRONMENTAL LICENSING (contact one)</u>			
Jim Eggers	1339	856-953-9075	856-277-3416
Dave Hurka	1275	856-299-7433	856-277-2946
Sue Miller	2649	856-358-1173	856-277-3929
Dave Hurka*	1275	856-299-7433	856-277-2946
Jude Pazulski*	1034	856-241-0914	856-277-2600

\* For Spills, Hazmat, NOT Protected Aquatic Species

# 11.0 Reportable Action Levels

## 11.9 Accidental Criticality / Special Nuclear Material / Rad Material Shipments - Releases



PSE&G  
CONTROL  
COPY # SECG0101

# 11.0 Reportable Action Levels

## 11.9 Accidental Criticality / Special Nuclear Material / Rad Material Shipments - Releases

Initiating Condition

MODE

RAL #

R  
E  
P  
O  
R  
T  
I  
N  
G  
  
A  
C  
T  
I  
O  
N  
  
L  
E  
V  
E  
L  
S

Action Required

EXCESSIVE CONTAMINATION AND/OR RADIATION LEVELS ON A PACKAGE [10CFR20.1906(d)]

ACCIDENT DURING TRANSPORT OF LICENSED MATERIAL [10CFR71.5(a)(1)(iv)]

CONTAMINATION OUTSIDE OF THE RADIOLOGICALLY CONTROLLED AREA [10CFR50.72(b)(2)(vi)]

All

All

All

11.9.1.e

11.9.2.a

11.9.2.b

IF

IF

IF

Receipt survey indicates that package contamination/radiation levels equal or exceeds ANY one of the following:

- 2200 dpm/100 cm<sup>2</sup>
- 200 mR/hr on contact
- 10 mR/hr at 3 feet

Accidents during the transportation of **radioactive material** which are reported to PSE&G as the shipper that involve (or potentially involve) damage to the cargo

Discovery of a Contaminated Area OUTSIDE of the RCA with removable activity due to **licensed material**

THEN

THEN

AND

AND

Location of Contaminated Area is OUTSIDE of Plant Structures

Location of Contaminated Area is such that a contaminated person or material may have left the Protected Area

AND

Size of Contaminated Area is LARGE (>100 FT<sup>2</sup>)

THEN

Refer to Attachment 10  
1 Hour Report

Refer to Attachment 18  
4 Hour Report

Refer to Attachment 13  
4 Hour Report