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PRC HECG-ATT.06 000	14	A	1	H	76629
PRC HECG-ATT.08 000	4	A	1	H	76674
PRC HECG-ATT.09 000	12	A	1	H	76719
PRC HECG-HECG-TOC 000	21	A	1	H	76764

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MC N04

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A045

HOPE CREEK GENERATING STATION
EVENT CLASSIFICATION GUIDE
August 15, 2000

CHANGE PAGES FOR
REVISION #21

PSE&G
CONTROL
COPY # HECG0065

The Table of Contents forms a general guide to the current revision of each section and attachment of the Hope Creek ECG. The changes that are made in this TOC Revision #21 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 Remove and recycle the outdated material listed below.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	21	ALL	TOC	20
All	Attachment 6	14	All	Attachment 6	13
All	Attachment 8	04	All	Attachment 8	03
All	Attachment 9	12	All	Attachment 9	11

REVISION SUMMARY:

1. Attachment 6 - Instruction to use new Attachment 6 with new PAR, telephone number changes and step moved to Attachment 8.
2. Attachment 8 -Step moved from Attachment 6 and Instruction to use new Attachment 8 with new PAR.
3. Attachment 9 - Telephone number changes.

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ECG
T.O.C.
Pg. 1 of 4

HOPE CREEK EVENT CLASSIFICATION GUIDE
TABLE OF CONTENTS/SIGNATURE PAGE

COPY # HECG0065

<u>SECTION</u>	<u>TITLE</u>	<u>REV #</u>	<u>PAGES</u>	<u>DATE</u>
T.O.C.	Table of Contents/Signature Page	21	4	08/15/00
i	Introduction and Usage	01	10	06/29/00
ii	Glossary of Acronyms & Abbreviations	00	5	01/21/97
1.0	Fuel Clad Challenge	00	1	01/21/97
2.0	RCS Challenge	00	1	01/21/97
3.0	Fission Product Barriers (Table)	00	1	01/21/97
4.0	EC Discretion	00	1	01/21/97
5.0	Failure to SCRAM	00	1	01/21/97
6.0	Radiological Releases/Occurrences			
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	Electrical Power			
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	System Malfunctions			
8.1	Loss of Heat Removal Capability	00	1	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	01	1	03/13/97
8.5	Technical Specifications	00	1	01/21/97
9.0	Hazards - Internal/External			
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	Hope Creek ECG Charts (Located in ERFs)	00	2	01/21/97

**HOPE CREEK EVENT REPORTABLE ACTION LEVELS
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Licensing is responsible for the Reportable Action Level (Section 11)
and associated Attachments (marked by "L")

<u>SECTION</u>	<u>TITLE</u>	<u>REV #</u>	<u>PAGES</u>	<u>DATE</u>
11.0	Reportable Action Levels (RALs)			
11.1	Technical Specifications	01	2	08/28/97
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	02	1	12/15/99
11.8	Public Interest	00	1	01/21/97
11.9	Accidental Criticality/ Special Nuclear Material / Rad Material Shipments - Releases	01	2	02/18/00
11.10	Voluntary Notifications	00	1	01/21/97

**HOPE CREEK EVENT CLASSIFICATION GUIDE
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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	03	5	02/29/00
5	L NRC Data Sheet Completion Reference	00	7	01/21/97
6	Primary Communicator Log	14	8	08/15/00
7	Primary Communicator Log (GE)	deleted		02/29/00
8	Secondary Communicator Log	04	9	08/15/00
9	L Non-Emergency Notifications Reference	12	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 Hour 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)	04	3	02/29/00
25	L 1 Hr Report (Common Site) - Major Loss Of Emergency Assessment, Offsite Response, <u>OR</u> Communications Capability	01	3	07/22/99


SIGNATURE PAGE

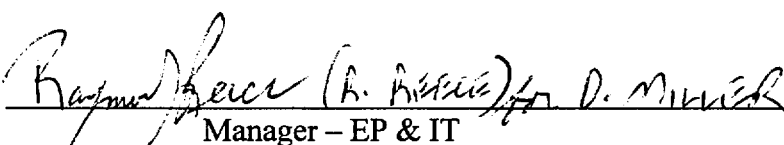
Prepared By: William L. Detwiler, Rev 18 08/07/2000
(If Editorial Revisions Only, Last Approved Revision) Date

Section/Attachments Revised: N/A _____
(List Non-Editorial Only - Section/Attachments) Date

Reviewed By: N/A _____
Station Qualified Reviewer Date

Reviewed By: N/A _____
Department Manager Date

Reviewed By:  8/11/00
Manager – Licensing Date
(Reportable Action Level (Section 11) and associated Attachments marked by “L”)

Reviewed By:  08/11/2000
Manager – EP & IT Date

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

SORC Review and Station Approvals

<u>N/A</u>	<u>N/A</u>
Mtg. No. Hope Creek Chairman	Vice President Nuclear Operations
_____	_____
Date	Date

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

ATTACHMENT 6

PRIMARY COMMUNICATOR LOG

Table of Contents

Pages

- 1 - 3 Notifications & Incoming Calls
4 Termination
5 - 8 Communications Log

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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 notifications responsibilities,
THEN PROVIDE the following information:
 - Organizations/Individuals notified.
 - Phone numbers or locations of Individuals for updates or changes in status.

CM1/TSC1

2. WHEN the EC function transfers to the oncoming facility,
THEN contact the oncoming communicator and COMPLETE turnover.

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),
 - 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

CM1/TSC1

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:

CM1/TSC1/EOF1

**"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.
2. ASSIST the TSC2 (or EOF2) in maintaining facility status boards.
3. IF the telecopier is NOT working correctly,
THEN CALL the TSC - Emergency Preparedness Advisor (EPA) for assistance.

CM1

TSC1/EOF1

CM1/TSC1/EOF1

E. TERMINATION/REDUCTION

1. WHEN the Emergency has been terminated or reduced in classification,
THEN;
☐ a. OBTAIN the EC approved EMERGENCY TERMINATION/REDUCTION FORM.

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

CM1/TSC1/EOF1

CM1/TSC1/EOF1

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
15 MIN.	DELAWARE STATE POLICE/DEMA Initial contact: Primary: (SP) NETS 5406 Secondary: 302-659-2341 Backup: NAWAS When DEMA calls back to report acceptance of emergency responsibilities (approx. 1 hour after initial notification) then contact numbers become: Primary: (DEMA) NETS 5407 Secondary: 302-659-2220, -2221 BACKUP: NAWAS				
		Call Back:			
	NOTES: IF DELAWARE IS CONTACTED, PROCEED WITH NEW JERSEY. IF NOT, THEN CONTACT BOTH COUNTIES IN DELAWARE.				
	<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.	NEW JERSEY STATE POLICE/OEM Primary: NETS 5400 Secondary: 609-882-4201 BACKUP: EMRAD				
		Call Back:			
	NOTES: IF NEW JERSEY IS CONTACTED, PROCEED WITH NEXT PAGE. IF NOT, THEN CONTACT ALL OF THE FOLLOWING.				
	<u>SALEM COUNTY</u> Primary: NETS 5402 Secondary: 856-769-2959				
	<u>CUMBERLAND COUNTY</u> Primary: NETS 5403 Secondary: 856-455-8770				
	<u>U.S. COAST GUARD</u> (Speak Only to Duty Desk) Primary: 215-271-4800 Secondary: 215-271-4940				

EVENT
REDUCTION

COMMUNICATIONS LOG

INITIAL NOTIFICATIONS

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 align="center"><u>NRC OPS CENTER COMMUNICATIONS INSTRUCTIONS</u></p> <ol style="list-style-type: none"> <u>OBTAIN</u> the approved NRC Data Sheet. <u>IF</u> time permits, <u>FAX</u> NRC Data sheet to NRC at 9-1-301-816-5151. <u>READ</u> both the ICMF and NRC Data Sheet. <u>IF</u> the NRC Data Sheet is <u>NOT</u> obtainable within 60 minutes of emergency declaration, <u>THEN</u> read only the ICMF. This constitutes official notification of the NRC. Follow up with NRC Data Sheet when obtained. <u>DOCUMENT</u> the notification below. <u>IF</u> the NRC requests additional information concerning the event, <u>THEN</u> <u>OBTAIN</u> assistance from CR (TSC/EOF) Staff to <u>ENSURE</u> it is accurate and EC approved. <u>IF</u> the NRC requests an open line be maintained, <u>THEN</u> <u>OBTAIN</u> assistance in completing any remaining calls. (See Note below) 				
60 MIN.	NRC OPERATIONS CENTER <input type="checkbox"/> ICMF <input type="checkbox"/> NRC Data Sheet Primary:(ENS) 301-816-5100 First back-up: 301-951-0550 Second back-up: 301-415-0550 Fax: 9-1-301-816-5151				

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.

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
70 MIN.	EMERGENCY DUTY OFFICER (EDO) Primary: Refer to Roster Secondary: (Contact One) Pete Roberts Office: 5005 Home: 302-325-9083 Pager: 856-277-3584 Car: 609-440-3806 Kurt Krueger Office: 3049 Home: 856-358-1263 Pager: 856-277-4102 Car: 609-230-9417 Larry Wagner Office: 3671 Home: 856-582-0067 Pager: 856-277-4122 Car: 609-230-0707 Sam Jones Office: 5055 Home: 856-769-2231 Pager: 856-277-4100 Car: 609-230-0530	<u>NOTE 1</u> NOTIFY EDO for Unusual Events <u>ONLY.</u>			
70 MIN.	PUBLIC INFORMATION MANAGER NUCLEAR (Contact One) Skip Sindoni Office: 1002 Home: 856-478-4364 Pager: 856-277-3923 Karissa Laur Office: 1003 Home: 302-655-8432 Pager: 856-277-3635	<u>NOTE 2</u> After ENC activation, NOTIFY the ENC Lead Tech Advisor NETS -5303 Or DID 273-0695			

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.	NRC RESIDENTS (Contact One) Dan Orr Office: 1017 Or 856-935-3850 Or 856-935-5373 Home: 610-932-3144 Duty Pager: 800-730-5798 Joe Schoppy Office: 1078 Or 856-935-3850 Or 856-935-5373 Home: 856-384-1365 Pager: 800-730-2702				
90 MIN.	EXTERNAL AFFAIRS (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	NOTE 3 Not required to notify External Affairs After the EOF is activated.			
90 MIN.	AMERICAN NUCLEAR INSURERS (ANI) 860-561-3433	NOTE 4 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: _____ (Print)	Position: CM2 /TSC2/ EOF2 (Circle)			

A. NOTIFICATIONS

NOTE

A new Attachment 8 is required to be implemented if the classification changes or Protective Action Recommendations (PAR) Upgrades.

Initials

1. OBTAIN a copy of Attachment 6 and ASSIST Primary Communicator with 15-minute notifications as necessary.

CM2/TSC2/EOF2

2. DIRECT the Shift Rad Pro Tech (SRPT) (x3741) to implement **EPIP 301H**, RPT Onshift Response. (N/A for Common Site)

Name: _____

Time: _____

CM2

3. For an ALERT or higher emergency;

- a. CALLOUT an additional NSTA.

Name: _____

Time: _____

CM2

- b. ACTIVATE **ERDS** within 60 minutes from EITHER the NSS Office or the CR SPDS terminal;

- 1) PRESS <ERDS> key.
- 2) PRESS <Pg Up> key to select "ACTIVATE ERDS COMMUNICATION."
- 3) FOLLOW screen prompts.

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 Pg.1.
() b. OBTAIN SRPT (RAC/RSM) assistance, as needed for Pg.2.
(N/A for Common Site)
() c. FAX to Group B. (EOF2 – FAX to Group D)
() 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 a completed **NRC Data Sheet** from the CM-1 and
FAX form to Group B (EOF2 – FAX to Group D)

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

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

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. VERIFY availability of "OPERATIONAL STATUS BOARD (OSB) FORM"
data on the VAX printer.

- () a. IF OSB data is available,
THEN SELECT or REQUEST Rad Pro to select Menu Option #2
(Current Ops Status) every 15 minutes on the VAX LA 120.
- () b. IF VAX data is NOT available,
THEN OBTAIN data from CRIDS Page Display # 232.
- () c. IF CRIDS data is NOT available,
THEN REQUEST the CM2 in CR to begin transmitting the OSB form.

TSC2

4. ENSURE the Facility OSB and MEES Status Boards are updated;

- () a. IF OSB data is NOT available,
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)
- () b. WHEN significant changes in plant systems status occur,
THEN REQUEST CM2 to perform step B.1, above.

TSC2/EOF2

5. 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).
2. WHEN contacted by any State Agency Officials (listed here),

CM2/TSC2

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, on Pg. 4;

C. INCOMING CALLS (cont'd)

STATE OFFICIALS

- () 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. _____
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 any of the following numbers; 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, -0386, -
0479, or -0586."**

CM2/TSC2/EOF2

NRC OPERATIONS CENTER

4. WHEN directed by the NRC to TERMINATE ERDS transmission,
THEN GO TO any CR SPDS terminal AND PROCEED as follows;
- a. PRESS <ERDS> key.
b. PRESS <Pg Dn> key to select "TERMINATE ERDS COMMUNICATION."
c. FOLLOW screen prompts.
d. WHEN completed, NOTIFY the OS.

CM2

HOPE CREEK

DATE: _____

MAJOR EQUIPMENT AND ELECTRICAL STATUS

UPDATE TIME: _____

NOTE: Y = IN SERVICE
N = OUT OF SERVICE
(CIRCLE ANY UNAVAILABLE EQUIPMENT)

			REACTIVITY CONTROL		ELECT. FEED	Y/N	CONTAINMENT CONTROL		ELECT. FEED	Y/N
			SLC PUMPS	A	B212		FRVS RECIRC	A	B410	
				B	B222		FANS	E	B450	
			RWCU PUMPS	A	B254			B	B420	
				B	B264			F	B460	
			REACTOR	A	A110			C	B430	
			RECIRC PUMPS	B	A120			D	B440	
WATER COOLING SYSTEMS					ELECT. FEED	Y/N			ELECT. FEED	Y/N
			CRD PUMPS	A	B430		FRVS VENT	A	B212	
				B	B440		FANS	B	B222	
SW PUMPS			ELECTRICAL STATUS			Y/N	H2 RECOMBINERS	A	B410	
								B	B480	
			OFFSITE AC POWER AVAILABLE				PCIG	A	B232	
			EMERGENCY DIESELS			RUN	COMPRESSORS	B	B242	
						LOADED				
SACS PUMPS			EDG	A			SERVICE AIR COMPRESSORS		ELECT. FEED	Y/N
				B				00K107	A120	
				C				10K107	A110	
				D						
CS PUMPS			HVAC		ELECT. FEED	Y/N	EMER. INST. AIR COMPRESSOR		ELECT. FEED	Y/N
								10K100	B450	
			TURBINE BLDG	A	A110					
CIRC WATER PUMPS			CHILLED WATER	B	A120		ECCS		ELECT. FEED	Y/N
			CHILLERS	C	A101					
				D	A110		RHR PUMPS	A	A401	
			TURBINE BLDG	A	B130			C	A403	
CONDENSATE/FEEDWATER			CHILLED WATER	B	B120			B	A402	
			CIRC PUMPS	C	B110			D	A404	
PRIMARY CONDENSATE PUMPS			CONTROL AREA	A	B431		RCIC PUMPS		STEAM	
			CHILLED WATER				HPCI PUMPS		STEAM	
			CIRC PUMPS	B	B441		CORE	A	A401	
SECONDARY CONDENSATE PUMPS			CONTROL AREA	A	A403		SPRAY PUMPS	C	A403	
			CHILLED WATER					B	A402	
			CHILLERS	B	A404			D	A404	
FEED WATER PUMPS			TSC	A	B451					
			CHILLED WATER							
			CIRC PUMPS	B	B461					
			TSC	A	A401					
			CHILLED WATER							
			CHILLERS	B	A402					

LICENSED OPERATOR REVIEW: _____

OPERATIONAL STATUS BOARD - HOPE CREEK

NOTE: 1) IF REQUESTED, TRANSMIT THIS FORM TO GROUP D (TSC AND EOF) EVERY 15 MINUTES.
 2) PROVIDE A COPY TO THE OSC COORDINATOR.
 3) SEE CRIDS PAGE 232 FOR DATA.

DATE: _____

TIMES (24-HOUR CLOCK)

I.	BALANCE OF PLANT	INST E PLAN	UNITS	_____	_____	_____	_____
A.	CST LEVEL	(1)	X 10 ⁴ GAL	_____	_____	_____	_____
B.	CONDENSER PRESSURE	(2)	IN. HGa	_____	_____	_____	_____
C.	RCIC FLOW	(3)	GPM	_____	_____	_____	_____
D.	FEED FLOW	(4)	MLB/HR	_____	_____	_____	_____
II.	ECCS						
A.	RHR/LPCI FLOW-A**	(5)	GPM	_____	_____	_____	_____
	RHR/LPCI FLOW-C	(5)	GPM	_____	_____	_____	_____
	RHR/LPCI FLOW-B**	(6)	GPM	_____	_____	_____	_____
	RHR/LPCI FLOW-D	(6)	GPM	_____	_____	_____	_____
B.	HPCI PUMP FLOW	(7)	GPM	_____	_____	_____	_____
C.	CORE SPRAY FLOW-A	(8)	GPM	_____	_____	_____	_____
	CORE SPRAY FLOW-B	(9)	GPM	_____	_____	_____	_____
D.	SRV (OPEN) STATUS	(10)	# OPEN	_____	_____	_____	_____
III.	RX COOLANT SYSTEM						
A.	POWER	(11-16)	% or CPS	_____	_____	_____	_____
B.	WATER LEVEL	(17,20,21,22)	IN.	_____	_____	_____	_____
C.	PRESSURE	(18,19)	PSIG	_____	_____	_____	_____
D.	TEMPERATURE	(23)	DEGREES F	_____	_____	_____	_____
E.	RECIRC FLOW - A LOOP	(24)	X 10 ³ GPM	_____	_____	_____	_____
	RECIRC FLOW - B LOOP	(24)	X 10 ³ GPM	_____	_____	_____	_____
F.	JET PUMP FLOW (TOTAL)	(25)	MLB/HR	_____	_____	_____	_____
IV.	CONTAINMENT						
A.	DRYWELL PRESSURE	(26,27)	PSIG	_____	_____	_____	_____
	TEMPERATURE	(28,29)	DEGREES F	_____	_____	_____	_____
	H2 CONC.	(30,31)	%	_____	_____	_____	_____
	O2 CONC.	(30,31)	%	_____	_____	_____	_____
B.	SUPP. CHAMBER PRESS.	(26,27)	PSIG	_____	_____	_____	_____
	AIR TEMPERATURE	(28,29)	DEGREES F	_____	_____	_____	_____
	WATER LEVEL	(32)	IN.	_____	_____	_____	_____
	WATER TEMPERATURE	(33,34)	DEGREES F	_____	_____	_____	_____
C.	RX BLDG. DELTA P	(35,36)	IN. H ₂ O	_____	_____	_____	_____
V.	SSCL						
A.	OFFSITE POWER AVAILABLE?		YES/NO	_____	_____	_____	_____
B.	3 OR MORE DG'S AVAILABLE?		YES/NO	_____	_____	_____	_____
C.	DID ANY ECCS ACTUATE?		YES/NO	_____	_____	_____	_____
D.	IS THE CONTAINMENT BARRIER FAILED?		YES/NO	_____	_____	_____	_____

LICENSED OPERATOR REVIEW

INITIALS: _____

OTHER SIGNIFICANT ITEMS

** IF NOT IN LPCI MODE FLOW RATE IS CIRCLED (I.e. S/D COOLING, CONT. SPRAY, ETC.)

STATION STATUS CHECKLIST

(Pg. 1 of 2)

ECG
ATT 8
Pg. 7 of 9

Operational Information

HOPE CREEK GENERATING STATION 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: ☐ Scrammed/Time _____ ☐ At Power
☐ Startup ☐ Hot Shutdown ☐ Cold Shutdown ☐ Refuel

5. Rx Pressure _____ psig Rx Temp _____ °F Rx Water Level _____ in.

6. Is offsite power available? ☐ YES ☐ NO7. Are three or more diesel generators available? ☐ YES ☐ NO8. Did any Emergency Core Cooling Systems actuate? ☐ YES ☐ NO9. Is the Containment barrier failed? (Loss per EAL section 3.3) ☐ YES ☐ NO

10. Other pertinent information _____

STATION STATUS CHECKLIST
(PAGE 2 OF 2)
RADIOLOGICAL INFORMATION

ECG
ATT 8
Pg. 8 of 9

HOPE CREEK GENERATING STATION – CALCULATION TIME: _____ DATE: _____

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

(T/S LIMITS: 1.2 E+04 μ Ci/sec NG or 1.7E+01 μ 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)

F. VENT PATH OF RELEASE: NPV [] SPV [] FRVS [] HTV []

G. NG RELEASE RATE: NPV _____ SPV _____ FRVS _____
HTV _____ (μ Ci/sec)

H. I-131 RELEASE RATE: NPV _____ SPV _____ FRVS _____
HTV _____ DEFAULT (μ Ci/sec) (circle if default)

I. TOTAL RELEASE RATE NOBLE GAS: _____ (μ Ci/sec)

J. TOTAL RELEASE RATE IODINE-131: _____ (μ 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 0.56	_____	_____	_____	_____	_____
2.00	_____	_____	_____	_____	_____
LPZ 5.00	_____	_____	_____	_____	_____
EPZ 10.00	_____	_____	_____	_____	_____

3. OTHER PERTINENT INFORMATION: _____

4. UPDATE TO STATES (IF VERBALLY TRASMITTED):

	NAME	TIME	INITALS
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	Rx Temp / Hottest Core Exit TC	Rx Water Level
Hope Creek		psig	°F	in.
Salem 1		psig	°F	
Salem 2		psig	°F	

	Hope Creek		Salem 1		Salem 2	
	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
(HOPE CREEK)

PSE&G ECG
CONTROL ATT 9
Page 1 of 3
COPY # HECG0065

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>				
Larry Wagner	3671	856-582-0067	856-277-4122	609 230-0707
Devon Price	1305	410-392-9210	856-277-4158	609-230-4084
<u>VP - OPERATIONS</u>				
Mark Bezilla	3463	856-478-4614	856-277-3997	609 230-5670
Larry Wagner	3671	856-582-0067	856-277-4122	609 230-0707

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>			
J. Dan Orr	1017 or 935-3850	610-932-3144	800-730-5798
Joseph G. Schoppy	1078 or 935-3850	856-384-1365	800-730-2702
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	856-227-3623
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>			
Bob Gary	3578	856-678-4718	856-277-3722
John Russell	2410	856-241-1350	856-277-3897
<u>RADIATION PROTECTION MANAGER</u>			
Terry Cellmer	3037	856-358-3316	856-277-3974
Brian Sebastian	2421	856-451-7571	856-277-3759
<u>NUCLEAR LICENSING</u>			
DUTY PAGER HOLDER	----	-----	856-277-3420
Gabe Salamon	5296	610-274-2297	856-277-4103
<u>ENVIRONMENTAL LICENSING</u> (contact one)			
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, <u>NOT</u> Protected Aquatic Species			