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PRC HECG-ATT.16 000	2	A	1	H	129779
PRC HECG-SECT.11.6 000	1	A	1	H	129865
PRC HECG-ATT.09 000	19	A	1	H	129735
PRC HECG-SECT.11.7 000	4	A	1	H	129908

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HOPE CREEK GENERATING STATION
EVENT CLASSIFICATION GUIDE
February 28, 2002
CHANGE PAGES FOR
REVISION #32

PSE&G
CONTROL

COPY # HECG-0065

The Table of Contents (T.O.C.) 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 T.O.C. Revision #32 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 Remove and recycle the outdated material listed below.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	T.O.C.	32	ALL	T.O.C.	31
All	Section 11.6	01	All	Section 11.6	00
All	Section 11.7	04	All	Section 11.7	03
All	Attachment 6	21	All	Attachment 6	20
All	Attachment 9	19	All	Attachment 9	18
All	Attachment 16	02	All	Attachment 16	01

HOPE CREEK EVENT CLASSIFICATION GUIDE
TABLE OF CONTENTS/SIGNATURE PAGE

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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	32	5	02/28/02
i	Introduction and Usage	02	10	12/14/00
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)	01	1	02/01/02
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	01	1	02/01/02
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)	01	2	02/01/02

HOPE CREEK EVENT REPORTABLE ACTION LEVELS TABLE OF CONTENTS/SIGNATURE PAGE

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

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11.2	Degraded or Unanalyzed Condition	01	1	01/23/01
11.3	System Actuation	02	1	01/23/01
11.4	Personnel Safety/Overexposure	01	2	01/23/01
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11.6	After-the-Fact	01	1	02/28/02
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11.8	Public Interest	01	1	01/23/01
11.9	Accidental Criticality/ Special Nuclear Material / Rad Material Shipments - Releases	02	2	01/23/01
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HOPE CREEK EVENT CLASSIFICATION GUIDE **TABLE OF CONTENTS/SIGNATURE PAGE**

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>
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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	01	7	01/23/01
6	Primary Communicator Log	20	8	02/28/02
7	Primary Communicator Log (GE)	deleted		02/29/00
8	Secondary Communicator Log	07	9	07/12/01
9	L Non-Emergency Notifications Reference	19	3	02/28/02
10	L 1 Hr Report - NRC Regional Office	01	3	01/23/01
11	L 1 Hr Report (Common Site) Security/Safeguards	01	3	01/23/01
12	L 1 Hr Report - NRC Operations	01	3	01/23/01
13	L 4 Hr Report - Contaminated Events Outside Of The RCA	01	7	01/23/01
14	L 4 Hr Report - NRC Operations	02	3	01/23/01
15	L Environmental Protection Plan	02	3	01/23/01
16	L Spill / Discharge Reporting	02	12	02/28/02
17	L 4 Hr Report - Fatality or Medical Emergency	02	4	03/15/01
18	L 4 Hr Report - Radiological Transportation Accident	02	4	01/23/01
19	L 24 Hr Report - Fitness For Duty (FFD) Program Events	02	3	01/23/01
20	L 24 Hour Report - NRC Regional Office	01	3	01/23/01
21	L Reportable Event - LAC/Memorandum Of Understanding (M.O.U.)	01	2	01/23/01
22	L T/S Required Engineering Evaluation	01	2	01/23/01
23	Reserved			
24	UNUSUAL EVENT (Common Site)	04	3	02/29/00
25	L 8 Hr Report (Common Site) - Major Loss Of Emergency Assessment, Offsite Response, OR Communications Capability	02	3	05/02/99
26	L 8 Hr Report - NRC Operations	00	3	01/23/01
27	L 8 Hr Report - Medical Emergency - Transportation of Contaminated Person	01	4	03/15/01
28	L Boiler and Pressure Vessel reporting	00	3	01/23/01

REVISION SUMMARY

Biennial Review Performed: Yes X No

- RAL 11.6.1 and Technical Basis - revised after-the-fact reporting to conform to the guidance in the ECG Introduction
- RAL 11.7.1.b and Technical Basis - revised to state that loss of all met data for a single parameter (temperature, wind speed or direction) is reportable.
- ATTACHMENT 16 - reformatted and expanded to include more detailed guidance for spill and discharge reporting.

SIGNATURE PAGE

Prepared By: Paul Duke
(If Editorial Revisions Only, Last Approved Revision)


01/17/02
Date

Section/Attachments Revised: Section 11.6, 11.7 & Att 16
(List Non-Editorial Only - Section/Attachments)

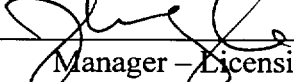
Date

Reviewed By: 
10CFR50.54q Effectiveness Reviewer


1/17/02
Date

Reviewed By: 
Department Manager

020802
Date

Reviewed By: 
Manager - Licensing
(Reportable Action Level (Section 11) and associated Attachments marked by "L")

1/28/02
Date

Reviewed By: 
EP Manager

1/30/02
Date

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

Date

SORC Review and Station Approvals

N/A
Mtg. No. Hope Creek Chairman


Vice President Nuclear Operations

Date

2/12/02
Date

Effective Date of this Revision: 2-28-02
Date

11.0 Reportable Action Levels

11.6 After-the-Fact

Initiating
Condition

MODE

RAL #

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Action
Required

EMERGENCY CONDITIONS DISCOVERED
AFTER-THE-FACT

All

11.6.1

IF

Discovery of events or conditions that had
previously occurred (event was NOT ongoing at the time
of discovery) which EXCEEDED an Emergency Action
Level (EAL) and was NOT declared as an emergency

AND

More than ONE HOUR has elapsed since the condition
occurred

AND

There are currently NO adverse consequences
in progress as a result of the event

THEN

Refer to Attachment 12
1 Hour Report

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11.0 Reportable Action Levels

11.7 Security / Emergency Response Capabilities

14ECG0005

Initiating
Condition

OPCON

RAL #

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Action
Required

SAFEGUARDS EVENTS THAT ARE DETERMINED
TO BE NON-EMERGENCIES, BUT ARE REPORTABLE
TO THE NRC WITHIN ONE HOUR [10CFR73.71(b)(1)]

All

11.7.1.a

IF

Any Non-Emergency safeguards event that is
reportable in accordance with 10CFR73.71 as
determined by Security (SCP-15)

THEN

Refer to Attachment 11
1 Hour Report (Common Site)

MAJOR LOSS OF EMERGENCY ASSESSMENT CAPABILITY, OFFSITE RESPONSE
CAPABILITY, OR COMMUNICATIONS CAPABILITY [10CFR50.72(b)(3)(xiii)]

All

11.7.1.b

IF

OS/EC determines that an event(s) (excluding a scheduled test or preplanned
maintenance activity) has occurred that would impair the ability to deal with an
accident or emergency as indicated by the Loss of ANY one of the following:

- Nuclear Emergency Telecommunications System (NETS) for > 1 hr
- ENS for > 1 hr in the Control Room, TSC, and EOF (N/A if reported by the NRC).
- More than 17 Offsite Sirens for > 1 hr
- Use of the EOF for > 8 hrs
- All Meteorological data (Hope Creek AND Salem) for one parameter for > 8 hrs
- Site access due to Acts of Nature (snow, flood, etc.)

THEN

Refer to Attachment 25
8 Hour Report (Common Site)

All

11.7.1.c

IF

- Use of the TSC for > 8 hrs
- SPV, NPV, or FRVS vent radiation effluent monitors with no alternate method of monitoring for > 72 hrs
- SPDS OR CRIDS for > 8 hrs
- More than > 75% OHA's
- Concurrent multiple accident or emergency condition indicators which in the judgement of the OS significantly impairs assessment capabilities

Refer to Technical Basis 11.7.1.c for ERDS

THEN

Refer to Attachment 26
8 Hour Report

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: _____ (Print)		Position: CM1 /TSC1/ EOF1 (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

AgencyCaller's NamePhone #

- () 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/EOF1NEWS 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

- () 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, -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		TIME _____ DATE _____		
	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:	Call Back:	TIME _____ DATE _____		
	Primary: (DEMA) NETS 5407 Secondary: 302-659-2251, -2256 BACKUP: NAWAS				
	NOTES: IF DELAWARE IS CONTACTED, PROCEED WITH NEW JERSEY. IF NOT, THEN CONTACT BOTH COUNTIES IN DELAWARE.				
	NEW CASTLE COUNTY		TIME _____ DATE _____		
	Primary: NETS 5408 Secondary: 302-738-3131				
	KENT COUNTY		TIME _____ DATE _____		
	Primary: NETS 5409 Secondary: 302-678-9111				
15 MIN.	NEW JERSEY STATE POLICE/OEM		TIME _____ DATE _____		
	Primary: NETS 5400				
	Secondary: 609-882-4201 BACKUP: EMRAD (not in TSC)	Call Back:			
	NOTES: IF NEW JERSEY IS CONTACTED, PROCEED WITH NEXT PAGE. IF NOT, THEN CONTACT ALL OF THE FOLLOWING.				
	SALEM COUNTY		TIME _____ DATE _____		
	Primary: NETS 5402 Secondary: 856-769-2959				
	CUMBERLAND COUNTY		TIME _____ DATE _____		
Primary: NETS 5403 Secondary: 856-455-8770					
	U.S. COAST GUARD (Speak Only to Duty Desk)		TIME _____ DATE _____		
	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		_____ TIME _____ DATE		
	<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		_____ TIME _____ DATE		

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) Jesse Pike Office: 1286 Home: 856-358-6228 Pager: 866-691-3156 Car: 609-230-5663 Kurt Krueger Office: 3049 Home: 856-358-1263 Pager: 866-680-2511 Car: 609-230-9417 Daron Zakarian Office: 3281 Home: 610-459-0992 Pager: 866-691-3152 Car: 609-980-5159 Sam Jones Office: 5055 Home: 856-769-2231 Pager: 877-787-3651 Car: 609-230-0530 Lon Waldinger Office: 2752 Home: 610-363-9925 Pager: 866-688-0668 Car: 609-458-2904		TIME _____ DATE _____		
70 MIN.	PUBLIC INFORMATION MANAGER NUCLEAR (Contact One) Skip Sindoni Office: 1002 Home: 856-478-4364 Pager: 877-722-7510 Jim Clancy Office: 3144 Home: 856-455-9110 Pager: 877-716-2766 Karissa Laur Office: 1003 Home: 302-655-8432 Pager: 877-743-5435	NOTE 2 After ENC activation, NOTIFY the ENC Lead Tech Advisor NETS -5303 Or DID 273-0695	TIME _____ DATE _____		

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) Chris Cahill Office: 1017 Or 856-935-3850 Or 856-935-5373 Home 610-853-6145 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		TIME _____ DATE _____		
90 MIN.	EXTERNAL AFFAIRS (Contact One) Ross Bell Office: 1239 Home: 856-455-7435 Pager: 877-502-5863 Ed Johnson Office: 1486 Home: 856-678-2257 Pager: 877-735-2508	<u>NOTE 3</u> Not required to notify External Affairs After the EOF is activated.	TIME _____ DATE _____		
90 MIN.	AMERICAN NUCLEAR INSURERS (ANI) 860-561-3433	<u>NOTE 4</u> Not required to notify ANI for Unusual Events	TIME _____ DATE _____		

ATTACHMENT 9
NON-EMERGENCY NOTIFICATIONS REFERENCE
(HOPE CREEK)

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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>				
Kurt Krueger	3049	856-358-1263	866-680-2511	609-230-9417
Devon Price	1305	410-392-9210	866-688-0660	609-230-4084
<u>VP - OPERATIONS</u>				
Dave Garchow	3250	610-274-3250	877-673-7639	609-230-5894
Kurt Krueger	3049	856-358-1263	866-680-2511	609-230-9417

GOVERNMENT AGENCY	PRIMARY#	SECONDARY#
LAC DISPATCHER	NETS x5404	856-935-7300 856-935-8127 (FAX)
NRC OPERATIONS CENTER	(ENS) 301-816-5100 301-415-0550 301-415-0553	301-951-0550 9-1-301-816-5151(FAX)
NRC REGION ONE OFFICE	610-337-5000	

TITLES/NAMES	WORK#	HOME#	PAGER#
<u>NRC RESIDENTS</u>			
Chris Cahill	1017 or 935-3850	610-853-6145	800-730-5798
Joseph G. Schoppy	1078 or 935-3850	856-384-1365	800-730-2702
Fred Bower (SAL)	1074 or 935-3850	610-925-3564	800-730-2571
Ray Lorson	1019 or 935-3850	856-478-9554	800-730-8314
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	877-722-7510
Jim Clancy	3144	856-455-9110	877-716-2766
Karissa Laur	1003	302-655-8432	877-743-5435
<u>EMERG PREP REPRESENTATIVE</u>			
Craig Banner	1157	856-728-5043	877-696-9131
Jim Schaffer	1575	856-935-5606	877-828-6607
Bill Weckstein	1558	856-455-3237	877-747-5956
<u>EXTERNAL AFFAIRS</u>			
Ross Bell	1239	856-455-7435	877-502-5863
Ed Johnson	1486	856-678-2257	877-735-2508
<u>RADIOLOGICAL SUPPORT REPRESENTATIVE</u>			
Bob Gary	3578	856-678-4718	877-755-4016
John Russell	2410	856-241-1350	877-722-3616
<u>RADIATION PROTECTION MANAGER</u>			
Terry Cellmer	3037	856-358-3316	877-712-2872
Brian Sebastian	2421	856-459-2114	866-213-3840
<u>NUCLEAR LICENSING</u>			
DUTY PAGER HOLDER	----	-----	877-456-8512
John Nagle	3171	610-527-5913	877-798-5662
Gabe Salamon	5296	610-274-2297	866-680-3503
<u>ENVIRONMENTAL LICENSING</u> (contact one)			
Jim Eggers	1339	609-953-9075	866-691-0143
Dave Hurka	1275	302-325-9476	866-691-2722

ATTACHMENT 16
SPILL/DISCHARGE REPORTING

HECG0065

CAUTION

15-minute notification to the NJDEP Hot Line is required for a discharge directly to the river as identified in Section II Steps 2 and 3 OR if clean up requires more than 24 hours as described in Step 6.
2 or 24-hour notification may be required for chemical discharge as described in Section II Step 4.

INSTRUCTIONS (HOPE CREEK OS or Designee)

- A. REFER to Attachment 9, Non-Emergency Notifications Reference for the current listing of individuals and phone numbers.
- B. INITIAL each indicated step when completed; use NA for steps that do not apply.
- C. Implemented by: _____ Date: _____

ECG CLASSIFICATION AND APPLICABLE RALs

IF the spill has passed through Engineered Fill and INTO the ground water, then RAL 11.5.2.a applies.

IF the spill has entered into a storm drain or has resulted in a discharge to the Delaware River from ANY source, then RAL 11.5.2.b applies.

I. REPORT INFORMATION

NOTE

Collection of the following information should be done as expeditiously as possible. DO NOT delay mitigation activities and notifications to complete all sections below; add data as they become available. Accurate, timely information is critical to proper clean up, classification and notification. Information with asterisks should be placed on the SPILL/DISCHARGE NJDEP NOTIFICATION FORM (FORM-1).

- 1. Name of person reporting spill/discharge _____
- 2. Date/time called received _____ / _____
- 3. Call received by/title _____ / _____
- 4*. Time spill/discharge started _____. If unknown, what is caller's best estimate of time that spill/discharge started? _____
- 5*. Brief description of event _____

6*. Material spilled/discharged, include concentration for chemical spills/discharges _____

7*. Has spill/discharge been terminated? () Yes () No

8*. What actions are being taken to terminate discharge and/or contain spill? _____

9*. Quantity _____

10*. EXACT location of spill/discharge _____

11. Distance to nearest storm drain _____

12. Did material enter storm drain? () Yes () No

13. Description of substrate material where spill occurred (concrete, asphalt, dirt, grass, stones,
etc) _____

14. Other information from caller (Was anyone else notified, etc.) _____

II. NOTIFICATIONS

Initials

_____ 1. IMMEDIATELY DISPATCH **Loss Prevention** to the location of the
Spill/Discharge:

_____ notified at _____ hours
name time

- () a. DIRECT **Loss Prevention** to COORDINATE containment and clean up of the spilled material.
- () b. IF OIL is observed ON THE RIVER (more than just a sheen), THEN DIRECT Loss Prevention to position oil booms around the affected water intakes to limit uptake into plant systems (i.e. - prevent heat exchanger fouling) and DIRECT LOSS PREVENTION to notify the National Response Center.
- () c. DOCUMENT clean-up actions and plans on FORM 2, SPILL CLEAN UP & REMEDIATION LOG.

Initials

- _____ 2. **IF** OIL has been discharged to the Delaware River through either a permitted outfall, overland or via some other conveyance and has produced a sheen on the river,

THEN the spill is REPORTABLE to NJDEP.

COMPLETE "SPILL/DISCHARGE NJDEP NOTIFICATION FORM" (FORM-1)

IMMEDIATELY (within 15 minutes) notify **NJDEP** (phone numbers are on form)

- () a. INFORM Environmental Licensing about status of 15 minute NJDEP call:

() Call was made within 15 minutes of discovery/confirmation.

() Call was NOT made within 15 minutes, but was made within _____ minutes of discovery/confirmation.

_____ notified at _____ hours
name time

- () b. DIRECT Environmental Licensing to make any required notifications in accordance with the DPCC/DCR plan.

- () c. Obtain additional direction from Environmental Licensing concerning reportability and recommended remediation actions; document recommended actions on FORM-2, Spill Clean-Up & Remediation Log.

_____ notified at _____ hours
name time

- () d. Record reportability recommendation

NRC () Yes, within _____ hours () No

NJDEP () Yes, within _____ hours () No

Other (specify, e.g. National Response Center, USCG, etc.) _____

() Yes, within _____ hours () No

IF YES, continue with spill assessment and clean up and make notifications in accordance with Steps 10 and 11.

IF NO, **GO TO** Section III, Event Documentation.

NOTE

Continue with spill assessment while awaiting return phone calls.

Initials

_____ 3. **IF** a chemical discharge was made **DIRECTLY** to the Delaware River and did NOT discharge through a NJPDES permitted outfall

THEN the spill is REPORTABLE to NJDEP.

COMPLETE "SPILL/DISCHARGE NJDEP NOTIFICATION FORM" (FORM-1)

IMMEDIATELY (within 15 minutes) notify **NJDEP** (phone numbers are on form)

() a. INFORM Environmental Licensing about status of 15 minute NJDEP call:

() Call was made within 15 minutes of discovery/confirmation.

() Call was NOT made within 15 minutes, but was made within _____ minutes of discovery/confirmation.

_____ notified at _____ hours
name time

() b. DIRECT Environmental Licensing to make any required notifications in accordance with the DPCC/DCR plan.

() c. Obtain additional direction from Environmental Licensing concerning reportability and recommended remediation actions; document recommended actions on FORM-2, Spill Clean-Up & Remediation Log.

_____ notified at _____ hours
name time

() d. Record reportability recommendation

NRC () Yes, within _____ hours () No

NJDEP () Yes, within _____ hours () No

Other (specify, e.g. National Response Center, USCG, etc.) _____

() Yes, within _____ hours () No

IF YES, continue with spill assessment and clean up and make notifications in accordance with Steps 10 and 11.

IF NO, **GO TO** Section III, Event Documentation.

NOTE

Continue with spill assessment while awaiting return phone calls.

Initials

_____ 4. **IF** a chemical discharge was made to the Delaware River through a NJPDES permitted outfall,

THEN the spill may be REPORTABLE as a 2 OR 24 hour phone call to NJDEP.

- () a. CONTACT **Environmental Licensing** to assist in determination of reportability.

_____ notified at _____ hours
name time

- () b. Record reportability recommendation

NRC () Yes, within _____ hours () No

NJDEP () Yes, within _____ hours () No

Other (specify, e.g. National Response Center, USCG, etc.) _____

() Yes, within _____ hours () No

IF YES, continue with spill assessment and clean up and make notifications in accordance with Steps 10 and 11.

IF NO, **GO TO** Section III, Event Documentation.

COMPLETE "SPILL/DISCHARGE NJDEP NOTIFICATION FORM" (FORM-1) if required.

Notify **NJDEP** within the time frame determined by Environmental Licensing (phone numbers are on form).

- () c. INFORM Environmental Licensing after NJDEP call is made:

_____ notified at _____ hours
name time

- () d. DIRECT Environmental Licensing to make any required notifications in accordance with the DPCC/DCR plan.

- () e. Obtain additional direction from Environmental Licensing concerning recommended remediation actions; document recommended actions on FORM-2, Spill Clean-Up & Remediation Log.

_____ notified at _____ hours
name time

Initials

- _____ 5. **IF** the spill was:
- into a secondary containment,
 - **OR** onto the ground,
 - **OR** onto an impervious surface;
- AND** the material CAN BE completely cleaned up within 24 hours;
THEN the spill is not reportable to NJDEP.
- () CONTINUE assessment and coordination of cleanup; and document on FORM-2, Spill Clean-Up & Remediation Log.
- () **WHEN** cleanup is complete, **GO TO** Section III, EVENT DOCUMENTATION.
- () **IF** spill is NOT cleaned up within 24 hours, **GO TO** Step 6.

NOTE

Failure to complete clean up within 24 hours requires a 15-minute report to the NJDEP Hot Line. This report can be made at anytime within the 24-hour clean-up period when it is realized that the clean-up will not be complete within 24 hours.

- _____ 6. **IF** the material can not be cleaned up within 24 hours
THEN contact Environmental Licensing and
COMPLETE "SPILL/DISCHARGE NJDEP NOTIFICATION FORM" (FORM-1)
IMMEDIATELY (within 15 minutes) notify **NJDEP** (phone numbers are on form)

- _____ notified at _____ hours
Environmental Licensing name time
- () a. Record reportability recommendation
- NRC () Yes, within _____ hours () No
- NJDEP () Yes, within _____ hours () No
- Other (specify, e.g. National Response Center, USCG, etc.) _____
() Yes, within _____ hours () No

IF YES, continue with spill assessment and clean up and document on FORM-2, Spill Clean-Up & Remediation Log; make notifications in accordance with Steps 10 and 11.

IF NO, **GO TO** Section III, Event Documentation.

Initials

____ 7. **IF** the material was:

- sewage,
- **OR** sanitary waste;

AND it **DID NOT** enter a storm drain or water body;

THEN the spill is not reportable to **NJDEP**.

- () CONTINUE assessment and coordination of cleanup; document on FORM-2, Spill Clean-Up & Remediation Log.
- () WHEN cleanup is complete, GO TO Section III, Event Documentation.

NOTE

Chemical spills within a building or structure may result in a toxic atmosphere. Refer to ECG Section 9.4, Toxic/Flammable Gases, to ensure RALs are not met or exceeded.

____ 8. **IF** the material was completely contained within a plant structure (spill or discharge was directed to a building drain or sump which is wholly contained or treated prior to discharge),

THEN the spill is not reportable to **NJDEP**.

- () CONTINUE assessment and coordination of cleanup; document on FORM-2, Spill Clean-Up & Remediation Log.
- () WHEN cleanup is complete, GO TO Section III, Event Documentation.

____ 9. **IF** Environmental Licensing determines that the spill/discharge is reportable, obtain guidance on reportability and time limitations.

____ notified at ____ hours
name time

() a. Record reportability recommendation

NRC () Yes, within ____ hours () No

NJDEP () Yes, within ____ hours () No

Other (specify, e.g. National Response Center, USCG, etc.) _____

() Yes, within ____ hours () No

Initials

____ 10. **IF Environmental Licensing** determines that the spill/discharge is reportable to the NRC

() IF NOT done previously,

THEN NOTIFY the **Operations Manager (OM)**.

____ notified at ____ hours
name time

() NOTIFY **Hope Creek OS** and provided description of event.

____ notified at ____ hours
name time

() Complete NRC Data Sheet, ECG Attachment 5.

() Notify the **NRC Operations Center** within 4 hours.

____ notified at ____ hours
name time

() NOTIFY **LAC Dispatcher** within 4 hours.

____ notified at ____ hours
name time

() Notify the **NRC Resident Inspector**.

____ notified at ____ hours
name time

() NOTIFY **Public Information Manager (PIM) - Nuclear**.

____ notified at ____ hours
name time

() NOTIFY **Nuclear Licensing**.

____ notified at ____ hours
name time

() NOTIFY **External Affairs**.

____ notified at ____ hours
name time

() FAX the NRC Data Sheet to BOTH **Public Information** and **Licensing** using the programmed numbers on the telecopier.

Initials

- _____ 11. **IF Environmental Licensing** determines that the spill/discharge is reportable to any other agency
() Contact other agencies as directed by Environmental Licensing.
Agency Name/Phone Number _____ / _____
_____ notified at _____ hours
name time
- _____ 12. When notifications are complete and clean-up is done, **GO TO** Section III, Event Documentation.

III. EVENT DOCUMENTATION

- _____ 1. ENSURE that a Notification (NOTIF) is written
OS
NOTIF # _____
- _____ 2. FORWARD this attachment, along with the NRC Data Sheet and OS any
OS
supporting documentation to the Operations Manager (OM).
- _____ 3. REVIEW this ECG attachment, the NOTIF and any other relevant OM
OM
information for correct classification of event and corrective action taken.
- _____ 4. CONTACT the LER Coordinator (LERC) and request that the required written
OM
reports be prepared. Provide this attachment and any other supporting
documentation received from the OS.
- _____ 5. PROVIDE Environmental Licensing with a copy of this attachment including the
LERC
spill/discharge notification report received from the OS.
- _____ 6. PREPARE LER if required. If an LER is prepared, contact Environmental
LERC
Licensing and ensure that the information on the LER and on the NJDEP
Confirmation Report are consistent.

Report or LER Number _____
- _____ 7. FORWARD this attachment to the Manager – Nuclear Safety & Licensing
LERC
(MNSL).
- _____ 8. ENSURE that offsite (state and local) reporting requirements have been met.
MNSL
- _____ 9. Forward this Attachment/LER package to the Central Technical Document Room
MNSL
for microfilming.

DEFINITION OF TERMS

Spill – “Spill” is synonymous with leak AND “leak” is defined as:

“Leak” or “leakage” means any escape of a hazardous substance from the ordinary containers employed in the normal course of storage, transfer, processing or use, into a secondary containment or diversion system or onto a surface from which it is cleaned up and removed prior to its escape into the waters or onto the lands of the State.

Discharge –

“Discharge” means any intentional or unintentional action or omission, unless pursuant to and in compliance with the conditions of a valid and effective Federal and State Permit, resulting in the releasing, spilling, pumping, pouring, emitting, emptying or dumping of a hazardous substance into the waters or onto the lands of the State or into waters outside the jurisdiction of the State when damage may result to the lands, waters or natural resources within the jurisdiction of the State. This term does not include “leak.”

**SPILL/DISCHARGE NJDEP NOTIFICATION FORM
FORM-1**

Primary phone number to NJDEP (DCPP Hot Line): 1-877-927-6337
Backup phone number to NJSP: 1-609-882-2000

1. Contact the NJDEP Operator using the above phone numbers.
2. WHEN PROMPTED by the voice answering machine,
THEN SELECT 5 for reporting non-emergency releases and an Operator will take the report
3. RECORD NOTIFICATION TIME: _____
4. PROVIDE the following information: _____

"This is notification of a Spill/Discharge"

This is (name) _____, from Hope Creek Generating Station.

My call back phone # is 856-339-3027 or 856-339-_____.

The Spill/Discharge location is (provide specific location) _____

at Hope Creek Generating Station located at End of Alloway Creek Neck Road, Hancocks Bridge, Lower Alloways Creek Township in Salem County.

The Common name for the spilled/discharged substance is _____ and we estimated the quantity spilled to be _____ and the substance (HAS) or (HAS NOT) been contained.

time

date

The spill/discharge began at: _____ on _____

The spill/discharge was discovered at: _____ on _____

The spill/discharge ended at: _____ on _____

A description of the incident is: _____

Ongoing actions to contain/clean up the spill are: _____

33 ft. Wind Direction from: _____ degrees. Wind Speed: ____ mph (use MET Computer)

If the spill is NOT PSEG Nuclear's responsibility, THEN PROVIDE the following info:

Responsible person(s): _____

Company Name, Address and Phone #: _____

May I have your Operator Number please? _____

May I have our CASE Number please? _____

**SPILL CLEAN-UP & REMEDIATION LOG
FORM-2**

Spill Location: _____

Material: _____ Date of spill: ____ / ____ / ____

Time	Action	Point of Contact	Result