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PRC HECG-HECG-TOC-BASIS 000	20	A	1	H	177184
PRC HECG-SECT.11.5 (BASIS) 000	2	A	1	H	177226

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HOPE CREEK GENERATING STATION
EVENT CLASSIFICATION GUIDE TECHNICAL BASIS
October 1, 2003

CHANGE PAGES FOR
REVISION #20

The Table of Contents forms a general guide to the current revision of each section and attachment of the Hope Creek ECG Technical Basis. The changes that are made in this TOC Revision #20 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 Remove and recycle the outdated material listed below.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	20	All	TOC	19
All	Section 11.5	02	All	Section 11.5	01

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ii	Glossary of Acronyms & Abbreviations	00	5	01/21/97
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2.0	RCS Challenge	00	8	01/21/97
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	6.4 Irradiated Fuel Event	01	8	11/15/01
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	8.5 Technical Specifications	00	2	01/21/97
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REVISION SUMMARY

Biennial Review Performed: Yes ☐ No ☒

Updated RAL 11.5.2.c in Tech Basis to conform to the approved changes to RAL 11.5.2.c.

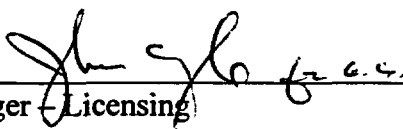
SIGNATURE PAGE

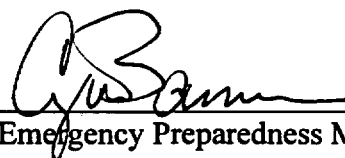
Prepared By: W.L. Detwiler 09/03/03
Date

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

Reviewed By: N/A
10CFR50.54q Effectiveness Reviewer Date

Reviewed By: N/A
Department Manager Date

Reviewed By:  9/5/03
Manager - Licensing Date
(Reportable Action Level, Section 11)

Reviewed By:  9/8/03
Emergency Preparedness Manager Date

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

SORC Review and Station Approvals

N/A N/A
Mtg. No. Hope Creek Chairman Vice President - Nuclear Operations

Date

Date

Effective Date of this Revision:

10/6/03
Date

11.0 Reportable Action Levels

11.5 Environmental

REPORTABLE ACTION LEVEL - 11.5.2.a

IC SPILL/DISCHARGE OF ANY NON-RADIOACTIVE HAZARDOUS SUBSTANCE
[10CFR50.72(b)(2)(xi); N.J.A.C. 7:1E]

RAL

Spill/discharge of an industrial chemical or petroleum product outside of a plant structure within the Owner Controlled Area (OCA) that results in EITHER one of the following:

- Spill / discharge that has passed through the engineered fill and into the ground water as confirmed by Licensing
- Spill / discharge that CANNOT be cleaned up within 24 hours and no contact with groundwater is suspected

NOTE:

This event MAY require IMMEDIATE (15 minute) notifications. DO NOT delay implementation of Attachment 16.

OPERATIONAL CONDITION - All

BASIS

This RAL addresses the conditions requiring reports IAW PSEG Nuclear's DPCC/DCR Plan. The intent of this RAL is to direct IMMEDIATE implementation of ECG Attachment 16, which will provide further direction on reportability based upon the nature of the Spill/Discharge as well as the expertise of Environmental Licensing personnel concerning requirements.

REFERENCES

10CFR50.72(b)(2)(xi)
N.J.A.C. 7:1E
DPCC/DCR Plan, Part III

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11.0 Reportable Action Levels

11.5 Environmental

REPORTABLE ACTION LEVEL - 11.5.2.b

IC SPILL/DISCHARGE OF ANY NON-RADIOACTIVE HAZARDOUS SUBSTANCE INTO OR UPON THE RIVER [10CFR50.72(b)(2)(xi); N.J.A.C.7:1E]

RAL

EITHER one of the following events occur:

- Observation of a spill/discharge of an industrial chemical or petroleum product from on-site into the Delaware River or into a storm drain
- Observation of an oil slick on the Delaware River from any source.

NOTE:

This event MAY require IMMEDIATE (15 minute) notifications. DO NOT delay implementation of Attachment 16.

OPERATIONAL CONDITION - All

BASIS

This RAL addresses the conditions requiring reports IAW PSEG Nuclear's DPCC/DCR Plan. The intent of this RAL is to direct IMMEDIATE implementation of ECG Attachment 16, which will provide further direction on reportability based upon the nature of the Spill/Discharge as well as the expertise of Environmental Licensing personnel concerning requirements.

REFERENCES

10CFR50.72(b)(2)(xi)
N.J.A.C.7:1E
DPCC/DCR Plan, Part III

11.0 Reportable Action Levels

11.5 Environmental

REPORTABLE ACTION LEVEL - 11.5.2.c

IC UNUSUAL OR IMPORTANT ENVIRONMENTAL EVENTS
[ENVIRONMENTAL PROTECTION PLAN SECTION 4.1]

RAL

As judged by the OS/EDO, in concurrence with Environmental Licensing, ANY one of the following events has occurred:

- Unusually large fish kill
- Protected aquatic species impinge on Circulating or Service Water intake screens (e.g., sea turtle, sturgeon) as reported by Site personnel
- Any occurrence of an unusual or important event that indicates or could result in significant environmental impact casually related to plant operation; such as the following:
 - Onsite plant or animal disease outbreaks
 - Mortality or unusual occurrence of any species protected by the Endangered Species Act of 1973
 - Increase in nuisance organisms or conditions
 - Excessive bird impactation
 - Major NJPDES Permit violations
 - Excessive opacity (smoke)

OPERATIONAL CONDITION - All

BASIS

This RAL addresses those conditions requiring reports in accordance with the Environmental Protection Plan. Final determination or reportability will be made by Environmental Licensing as a result of implementing Attachment 15.

REFERENCES

HCGS Technical Specifications, ENVIRONMENTAL PROTECTION PLAN

11.0 Reportable Action Levels

11.5 Environmental / State Notifications

REPORTABLE ACTION LEVEL - 11.5.3

IC BOILER OR PRESSURE VESSEL EXPLOSION OR PERSONAL INJURY
[10CFR50.72(b)(2)(xi), N.J.A.C. 5:11-3.11]

RAL

EITHER one of the following events occur:

- Personal injury due to an **occurrence** to a boiler or pressure vessel
- A boiler or pressure vessel **explosion**

MODE - All

BASIS

This RAL addresses the conditions requiring notifications following occurrences to boilers and pressure vessels.

An **occurrence** means any event which reduces the pressure containing capability of, or requires immediate repair to, a boiler or pressure vessel, exclusive of normal wear on the equipment. Per NC.NA-AP.ZZ-0026(Q), this is understood to mean through wall leakage conditions, permanent deformation to a boiler or pressure vessel resulting from transient conditions or service degradation and/or rupture conditions.

An **explosion** is a catastrophic failure of a boiler or pressure vessel that imparts energy of sufficient force to damage or potentially damage permanent plant structures, systems or components.

Immediate notification is required in the event of an **explosion** or a personal injury due to an **occurrence**.

REFERENCES

10CFR50.72(b)(2)(xi)

N.J.A.C.5:11-3.11

Hope Creek ECG 9.3, Explosion

NC.NA-AP.ZZ-0026(Q), NEIL / Jurisdictional Boiler and Machinery Inspection Program