

May 7, 2004

Mr. Roy A. Anderson
President & Chief Nuclear Officer
PSEG Nuclear, LLC - X04
Post Office Box 236
Hancocks Bridge, NJ 08038

SUBJECT: HOPE CREEK GENERATING STATION, REQUEST FOR ADDITIONAL
INFORMATION REGARDING REQUEST FOR CHANGE TO TECHNICAL
SPECIFICATIONS EMERGENCY DIESEL GENERATOR SURVEILLANCE
TESTING REQUIREMENTS (TAC NO. MC1224)

Dear Mr. Anderson:

By letter dated October 23, 2003, PSEG Nuclear LLC submitted a license amendment request, LCR H03-07, for the Hope Creek Generating Station (Hope Creek) seeking approval of proposed changes to the Hope Creek Technical Specifications. Specifically, the requested change would delete surveillance requirements associated with the emergency diesel generator lockout features.

The Nuclear Regulatory Commission staff has been reviewing your submittal and has determined that additional information is required to complete our review. The required information was discussed with Mr. Courtney Smyth of your staff on April 8, 2004. Please provide your response to the enclosed question within 30 days of receipt of this letter. If circumstances result in the need to revise the target date, please contact me at (301) 415-1427.

Sincerely,

/RA/

Daniel S. Collins, Project Manager, Section 2
Project Directorate I
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket No. 50-354

Enclosure: As stated

cc w/encl: See next page

May 7, 2004

Mr. Roy A. Anderson
President & Chief Nuclear Officer
PSEG Nuclear, LLC - X04
Post Office Box 236
Hancocks Bridge, NJ 08038

SUBJECT: HOPE CREEK GENERATING STATION, REQUEST FOR ADDITIONAL
INFORMATION REGARDING REQUEST FOR CHANGE TO TECHNICAL
SPECIFICATIONS EMERGENCY DIESEL GENERATOR SURVEILLANCE
TESTING REQUIREMENTS (TAC NO. MC1224)

Dear Mr. Anderson:

By letter dated October 23, 2003, PSEG Nuclear LLC submitted a license amendment request, LCR H03-07, for the Hope Creek Generating Station (Hope Creek) seeking approval of proposed changes to the Hope Creek Technical Specifications. Specifically, the requested change would delete surveillance requirements associated with the emergency diesel generator lockout features.

The Nuclear Regulatory Commission staff has been reviewing your submittal and has determined that additional information is required to complete our review. The required information was discussed with Mr. Courtney Smyth of your staff on April 8, 2004. Please provide your response to the enclosed question within 30 days of receipt of this letter. If circumstances result in the need to revise the target date, please contact me at (301) 415-1427.

Sincerely,

/RA/

Daniel S. Collins, Project Manager, Section 2
Project Directorate I
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket No. 50-354

Enclosure: As stated

cc w/encl: See next page

DISTRIBUTION

PUBLIC PDI-2 Reading JClifford RJenkins GMeyer, RGN-I
ACRS OGC DCollins JKnox CRaynor

ADAMS Accession No.: ML041190204

* see previous concurrence

NRR-088

OFFICE	PDI-2/PM	PDI-2/LA	EEIB/SC*	PDI-2/SC
NAME	DCollins	CRaynor	RJenkins	JClifford
DATE	5/7/04	5/7/07	5/03/2004	5/7/04

OFFICIAL RECORD COPY

Hope Creek Generating Station

cc:

Mr. A. Christopher Bakken, III
Senior Vice President - Site Operations
PSEG Nuclear - X15
P.O. Box 236
Hancocks Bridge, NJ 08038

Mr. John T. Carlin
Vice President - Nuclear Assessment
PSEG Nuclear - N10
P.O. Box 236
Hancocks Bridge, NJ 08038

Mr. David F. Garchow
Vice President - Eng/Tech Support
PSEG Nuclear - N28
P.O. Box 236
Hancocks Bridge, NJ 08038

Mr. James A. Hutton
Plant Manager
PSEG Nuclear - X15
P.O. Box 236
Hancocks Bridge, NJ 08038

Mr. Steven Mannon
Acting Manager - Nuclear Safety and
Licensing
PSEG Nuclear - N21
P.O. Box 236
Hancocks Bridge, NJ 08038

Jeffrie J. Keenan, Esquire
PSEG Nuclear - N21
P.O. Box 236
Hancocks Bridge, NJ 08038

Ms. R. A. Kankus
Joint Owner Affairs
Exelon Generation Company, LLC
Nuclear Group Headquarters KSA1-E
200 Exelon Way
Kennett Square, PA 19348

Lower Alloways Creek Township
c/o Mary O. Henderson, Clerk
Municipal Building, P.O. Box 157
Hancocks Bridge, NJ 08038

Dr. Jill Lipoti, Asst. Director
Radiation Protection Programs
NJ Department of Environmental
Protection and Energy
CN 415
Trenton, NJ 08625-0415

Brian Beam
Board of Public Utilities
2 Gateway Center, Tenth Floor
Newark, NJ 07102

Regional Administrator, Region I
U.S. Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, PA 19406

Senior Resident Inspector
Hope Creek Generating Station
U.S. Nuclear Regulatory Commission
Drawer 0509
Hancocks Bridge, NJ 08038

REQUEST FOR ADDITIONAL INFORMATION
REGARDING AMENDMENT REQUEST TO
DELETE EMERGENCY DIESEL GENERATOR SURVEILLANCE REQUIREMENTS
HOPE CREEK GENERATING STATION
DOCKET NO. 50-354

By letter dated October 23, 2003, PSEG Nuclear LLC submitted a license amendment request, LCR H03-07, for the Hope Creek Generating Station (Hope Creek) seeking approval of proposed changes to the Hope Creek Technical Specifications (TSs). Specifically, the requested change would delete surveillance requirements (SRs) associated with the emergency diesel generator lockout features. The Nuclear Regulatory Commission staff has been reviewing your submittal and has determined that the following additional information is required to complete our review:

1. Title 10 of the *Code of Federal Regulations* (10 CFR), Section 50.36(b) requires that the TSs be derived from the analyses and evaluation included in the safety analysis report (SAR). Additional requirements for the contents of TSs are contained in 10 CFR 50.36(c)(2).

Hope Creek's Updated Final Safety Analysis Report (UFSAR) Section 8.3.1.1.3.3, "SDG [Standby Diesel Generator] Tripping" indicates that when a Class 1E bus is energized only by the SDG (during loss of offsite power and/or loss-of-coolant-accident), each diesel engine and the circuit breaker that connects the diesel engine generator to the 4.16 KV Class 1E bus are tripped and locked out by protective devices under the following conditions:

1. Operation of SDG differential relay
2. Operation of the bus differential relay for the bus to which the SDG is connected
3. Engine overspeed
4. Low lube oil pressure
5. SDG overcurrent

This section of the UFSAR indicates that these SDG lockout features were evaluated in the SAR to assure the availability of the SDG when needed pursuant with the requirements of general design criteria (GDC) 17. Pursuant with 10 CFR 50.36, the Hope Creek TS SR 4.8.1.1.2.h.14 requires verification that these trip and lockout features prevent diesel generator starting only when required. The proposed TS change deletes SR 4.8.1.1.2.h.14.

Provide a detailed explanation of how Hope Creek would continue to meet the requirements of GDC 17 and 10 CFR 50.36 following the proposed TS changes.