



LR-N09-0147

10CFR50.73

JUL 23 2009

United States Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555-001

Hope Creek Generating Station Unit 1
Facility Operating License No. NPF-57
Docket No. 50-354

Subject: Licensee Event Report 2009-005

In accordance with 50.73(a)(2)(i)(B), PSEG Nuclear LLC is submitting Licensee Event Report (LER) Number 2009-005.

Should you have any questions concerning this letter, please contact Mr. Timothy R. Devik at (856) 339-3108.

No regulatory commitments are contained in the LER.

Sincerely,

A handwritten signature in black ink, appearing to read "John F. Perry".

John F. Perry
Plant Manager
Hope Creek Generating Station

Attachment: Licensee Event Report 2009-005

JE22
NRR

cc: Mr. S. Collins, Administrator – Region 1
U.S. Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, PA 19406

Mr. R. Ennis, Project Manager Salem and Hope Creek
U.S. Nuclear Regulatory Commission
One White Flint North
Mail Stop O8 B1
11555 Rockville Pike
Rockville, MD 20852

USNRC Senior Resident Inspector – Hope Creek (X24)

P. Mulligan, Manager IV
Bureau of Nuclear Engineering
PO Box 415
Trenton, NJ 08625

Hope Creek Commitment Tracking Coordinator

LICENSEE EVENT REPORT (LER)

(See reverse for required number of digits/characters for each block)

Estimated burden per response to comply with this mandatory collection request: 80 hours. Reported lessons learned are incorporated into the licensing process and fed back to industry. Send comments regarding burden estimate to the Records and FOIA/Privacy Service Branch (T-5 F52), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to infocollects@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0104), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

1. FACILITY NAME Hope Creek Generating Station	2. DOCKET NUMBER 05000 354	3. PAGE 1 OF 4
--	--------------------------------------	--------------------------

4. TITLE
Missed EDG Surveillance Check

5. EVENT DATE			6. LER NUMBER			7. REPORT DATE			8. OTHER FACILITIES INVOLVED	
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REV NO.	MONTH	DAY	YEAR	FACILITY NAME	DOCKET NUMBER
05	26	2009	2009	- 005 -	000	07	23	2009	N/A	
									FACILITY NAME	DOCKET NUMBER
									N/A	

9. OPERATING MODE 1	11. THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR§: (Check all that apply)									
	<input type="checkbox"/> 20.2201(b)	<input type="checkbox"/> 20.2203(a)(3)(i)	<input type="checkbox"/> 50.73(a)(2)(i)(C)	<input type="checkbox"/> 50.73(a)(2)(vii)						
10. POWER LEVEL 100	<input type="checkbox"/> 20.2201(d)	<input type="checkbox"/> 20.2203(a)(3)(ii)	<input type="checkbox"/> 50.73(a)(2)(ii)(A)	<input type="checkbox"/> 50.73(a)(2)(viii)(A)						
	<input type="checkbox"/> 20.2203(a)(1)	<input type="checkbox"/> 20.2203(a)(4)	<input type="checkbox"/> 50.73(a)(2)(ii)(B)	<input type="checkbox"/> 50.73(a)(2)(viii)(B)						
	<input type="checkbox"/> 20.2203(a)(2)(i)	<input type="checkbox"/> 50.36(c)(1)(i)(A)	<input type="checkbox"/> 50.73(a)(2)(iii)	<input type="checkbox"/> 50.73(a)(2)(ix)(A)						
	<input type="checkbox"/> 20.2203(a)(2)(ii)	<input type="checkbox"/> 50.36(c)(1)(ii)(A)	<input type="checkbox"/> 50.73(a)(2)(iv)(A)	<input type="checkbox"/> 50.73(a)(2)(x)						
	<input type="checkbox"/> 20.2203(a)(2)(iii)	<input type="checkbox"/> 50.36(c)(2)	<input type="checkbox"/> 50.73(a)(2)(v)(A)	<input type="checkbox"/> 73.71(a)(4)						
	<input type="checkbox"/> 20.2203(a)(2)(iv)	<input type="checkbox"/> 50.46(a)(3)(ii)	<input type="checkbox"/> 50.73(a)(2)(v)(B)	<input type="checkbox"/> 73.71(a)(5)						
	<input type="checkbox"/> 20.2203(a)(2)(v)	<input type="checkbox"/> 50.73(a)(2)(i)(A)	<input type="checkbox"/> 50.73(a)(2)(v)(C)	<input type="checkbox"/> OTHER						
	<input type="checkbox"/> 20.2203(a)(2)(vi)	<input checked="" type="checkbox"/> 50.73(a)(2)(i)(B)	<input type="checkbox"/> 50.73(a)(2)(v)(D)	Specify in Abstract below or in NRC Form 366A						

12. LICENSEE CONTACT FOR THIS LER

FACILITY NAME Timothy R. Devik, Compliance Engineer	TELEPHONE NUMBER (Include Area Code) 856-339-3108
--	--

13. COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO EPIX	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO EPIX
A									

14. SUPPLEMENTAL REPORT EXPECTED <input type="checkbox"/> YES (If yes, complete 15. EXPECTED SUBMISSION DATE) <input checked="" type="checkbox"/> NO	15. EXPECTED SUBMISSION DATE	MONTH	DAY	YEAR

ABSTRACT (Limit to 1400 spaces, i.e., approximately 15 single-spaced typewritten lines)

At 0800 on May 26, 2009, the A emergency diesel generator (EDG) was declared inoperable for installation of a design change to the EDG rectifier section. At 0823, in accordance with Technical Specification (TS) 3.8.1.1 action b, the control room crew performed verification of off-site power sources to satisfy the limiting condition for operation (LCO) requirement to perform surveillance requirement (SR) 4.8.1.1.a "within one hour and at least once per 8 hours thereafter". The next performance of the SR was due at 1623 on May 26, 2009.

Due to a human performance error and emergent plant events, the control room crew did not perform SR 4.8.1.1.a within the required 8 hours. The SR was performed successfully at 2014 on May 26, 2009, after the oncoming control room crew determined that the SR had not been performed by the previous control room crew as required by TS 3.8.1.1 Action Statement b.

This placed the plant in a condition not allowed by the TSs which is reportable under 10 CFR 50.73(a)(2)(i)(B).

NRC FORM 366A
(9-2007)

LICENSEE EVENT REPORT (LER) U.S. NUCLEAR REGULATORY COMMISSION
CONTINUATION SHEET

1. FACILITY NAME	2. DOCKET	6. LER NUMBER			3. PAGE
Hope Creek Generating Station	05000354	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	2 OF 4
		2009	- 005	- 000	

NARRATIVE

PLANT AND SYSTEM IDENTIFICATION

General Electric – Boiling Water Reactor (BWR/4)
Emergency Onsite Power Supply System – EISS Identifier {EK}
Diesel Generator – EISS Identifier {DG}

*Energy Industry Identification System {EISS} codes and component function identifier codes appear as {SS/CCC}

IDENTIFICATION OF OCCURRENCE

Event Date: May 26, 2009
Discovery Date: May 26, 2009

CONDITIONS PRIOR TO OCCURRENCE

Hope Creek was in Operational Condition 1 at 100% core thermal power (CTP). No other structures, systems or components contributed to the event.

DESCRIPTION OF OCCURRENCE

At 0800 on May 26, 2009, the A EDG {EK/DG} was declared inoperable for installation of a design change to the EDG rectifier section. This required entry into TS 3.8.1.1 action b for one EDG out of service. The action statement requires performance of SR 4.8.1.1.1.a within one hour and at least once every 8 hours thereafter. SR 4.8.1.1.1.a was performed satisfactorily at 0828 on May 26, 2009.

The usual control room practice is for the control room supervisor (CRS) to commence the electronic monitoring of the performance in the computer and initiate attachment 3z of HC.OP-DL.ZZ-0026, "Surveillance Log". The control room crew would also set a timer as a reminder for the SR performance. Neither the electronic tracking system nor the timer were used for this SR.

Tags were released from the A EDG at 1240 and preparations were made to perform the maintenance run on the EDG. The A EDG was successfully started at 1352 and secured at 1403. The A EDG was placed into service for the operability test at 1526 at which point it was determined that the EDG would not load above 600 kW. The control room crew focused on this emergent issue and did not remember to perform SR 4.8.1.1.1.a prior to 1628.

The control room crew was relieved by the on-coming crew. The tracking mechanism for performing SR 4.8.1.1.1.a was not discussed. At 2000 the night shift CRS phoned the day shift CRS at home and inquired about the performance of SR 4.8.1.1.1.a and was informed that it was performed in the morning. The night shift CRS immediately performed SR 4.8.1.1.1.a at 2008 and completed it at 2014 on May 26, 2009.

CONTINUATION SHEET

1. FACILITY NAME	2. DOCKET	6. LER NUMBER			3. PAGE
Hope Creek Generating Station	05000354	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	3 OF 4
		2009	- 005	- 000	

NARRATIVE

SAFETY CONSEQUENCES AND IMPLICATIONS

Since offsite power sources were continually available during this time, and all other EDGs were operable, there was no impact to the health and safety of the public.

A review of this event determined that a Safety System Functional Failure (SSFF) has not occurred as defined in Nuclear Energy Institute (NEI) 99-02.

CAUSE OF OCCURRENCE

The cause of this event was that the control room crew was distracted from the performance of the SR due to several factors:

- (1) Assumption of the CRS that the EDG would be returned to service before the SR would need to be performed.
- (2) The emergent malfunction of the EDG's inability to accept load.
- (3) The control room crew not using any of the aids available to track the next performance of the SR, other than a notation in the LCO log for the time of the next performance of the SR.

In addition, procedure OP-HC-108-115-1001, "Operability Assessment And Equipment Control Program", is the administrative procedure for entrance and exit into active and tracking TS action statements for inoperable equipment. Procedure guidance is lacking for repetitive TS required surveillance actions or directing a tracking mechanism. Effective guidance would direct or reference the attachment 3z of HC.OP-DL.ZZ-0026, "Surveillance Log". This attachment is initiated for SRs that are on an increased frequency due to a TS Action Statement so that the control room crew is aware of the increased frequency requirement and is reminded of the next required performance. The attachment is maintained by the control room for this purpose.

HC.OP-DL.ZZ-0026 Note 3.6 describes the use of attachment 3z "Action Statement Surveillance" which is a generic action statement surveillance sheet. This note states the attachment is to be placed in service by the SM/CRS to satisfy increased surveillances required by TS action statements. Either the 8-hour or 1-hour format may be used, depending on the action statement requirements. Attachment 3z was not implemented by the control room crew.

The CRS made a note in the addendum sheet of the TS action statement log that the next performance of the SR was 1628. Due to the emergent activities regarding the EDG, the CRS did not remember that the SR was required to be performed.

PREVIOUS OCCURRENCES

A review of the corrective action program (CAP) items for the past three years was conducted. There were no other instances noted where a LCO Action Statement SR check was missed due to not properly tracking the recurring performance requirements.

CONTINUATION SHEET

1. FACILITY NAME	2. DOCKET	6. LER NUMBER			3. PAGE
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	
Hope Creek Generating Station	05000354	2009	- 005	- 000	4 OF 4

NARRATIVE

CORRECTIVE ACTIONS

The following corrective actions have been either taken or identified for this event (CAP number 20416830):

- (1) Operations Management discussed the performance gaps associated with this event with the CRS and the control room crew.
- (2) Operations will revise procedures to implement a SR performance tracking system for SRs that have an increased frequency.
- (3) Issued a temporary standing order (TSO) for the CRS to initiate attachment 3z of HC.OP-DL.ZZ-0026(Q) for EDG TSs and to brief the operators on increased SR frequency. Operators to track the SR using attachment 3z. (TSO 2009-14 issued 5-27-09)
- (4) Issued TSO (2009-14) to direct implementation of increased SR frequency tracking system using a highly visible status board.
- (5) The control room crews conducted a 'stand down' for each crew to review and discuss this event with regards to control room teamwork and performance.

COMMITMENTS

This LER contains no commitments.