



JUL 19 2012

10 CFR 50.55a

LR-N12-0218

United States Nuclear Regulatory Commission  
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Washington, DC 20555-001

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

Subject                   INSERVICE INSPECTION ACTIVITIES – 90 DAY REPORT  
SEVENTEENTH REFUELING OUTAGE

This letter submits the ninety (90) day report for Inservice Inspection (ISI) activities conducted at the Hope Creek Generating Station during the seventeenth refueling outage. This report is submitted in accordance with 10 CFR 50.55a(g), Section XI of the ASME Boiler and Pressure Vessel Code (2001 Edition 2003 Addenda and 2001 Edition 2003 Addenda for IWE), and Regulatory Guide 1.147 Acceptable Code Case Number N-532-4.

The Attachments to this letter are as follows:

- Attachment 1: Form OAR-1, Owners Activity Report
- Attachment 2: Table 1 – Items with Flaws or Relevant Conditions That Required Evaluation for Continued Service
- Attachment 3: Table 2 – Abstract of Repairs, Replacements or Corrective Measures Required for Continued Service (for the period November 11, 2010 to May 9, 2012)

There are no regulatory commitments contained in this correspondence.

Should you have any questions regarding this correspondence, please contact Philip J. Duca at 856-339-1640.

A handwritten signature in black ink, appearing to read "David P. Lewis".

David P. Lewis  
Plant Manager – Hope Creek

Attachments (Three (3) as described above)

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cc: Mr. W. Dean, Administrator – Region I  
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U.S. Nuclear Regulatory Commission  
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USNRC Senior Resident Inspector – Hope Creek (X24)

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Bureau of Nuclear Engineering  
New Jersey Department of Environmental Protection  
PO Box 420  
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Corporate Commitment Tracking Coordinator (N21)

Hope Creek Commitment Tracking Coordinator (H02)

Attachment 1  
Form OAR-1, Owners Activity Report

**FORM OAR-1 OWNER'S ACTIVITY REPORT**

Report Number HCRFO17  
Owner PSEG Nuclear LLC, PO Box 236, Hancocks Bridge, NJ 08038  
Plant Hope Creek Generating Station  
Unit No. 1 Commercial Service Date 12/20/86 Refueling Outage No. 17  
Current Inspection Interval Third (3rd) {IWE (2nd)}  
Current Inspection Period Second (2nd) {IWE (2nd)}  
Edition and Addenda of Section XI Applicable to the inspection plan 2001 Edition 2003 Addenda;  
IWE - 2001 Edition, 2003 Addenda;

Date and revision of inspection plan 7/2009, Revision 0 / Change 0  
Edition & Addenda of Section XI Applicable to repairs and replacements, if different than the inspection plan

(Unless specifically identified in the individual repair plan)

**CERTIFICATE OF CONFORMANCE**

I certify that the statements made in this Owner's Activity Report are correct, and that the examinations, tests, repairs, replacements, evaluations, and corrective measures represented by this report conform to the requirements of Section XI.

Certification of Authorization No. N/A Expiration Date N/A  
Signed  ISI ENGR. Date 7/10/2012  
Owner or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of New Jersey and employed by Hartford Steam Boiler Inspection and Insurance Company of Connecticut have inspected the items described in this Owner's Activity Report, during the period November 11, 2010 to May 9, 2012 and state that to the best of my knowledge and belief, the Owner has performed all activities represented by this report in accordance with the requirements of Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations, tests, repairs, replacements, evaluations and corrective measures described in this report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Commissions NB 14086 A.N.I NJ 955  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/10/2012

Attachment 2  
TABLE 1 – Items with Flaws or Relevant Conditions  
That Required Evaluation for Continued Service

**TABLE 1 – ITEMS WITH FLAWS OR RELEVANT CONDITIONS THAT REQUIRED  
EVALUATION FOR CONTINUED SERVICE**

Exam Category	Item Number	Item Description	Flaw Characterization (IWA-3300)	Flaw or Relevant Condition Found During Scheduled Section XI Examination or Test (Yes or No)
		none		

Attachment 3

TABLE 2 - Abstract of Repairs, Replacements or Corrective Measures Required for Continued Service  
 (for the period November 11, 2010 to May 9, 2012)

**TABLE 2 – ABSTRACT OF REPAIRS, REPLACEMENTS, OR CORRECTIVE MEASURES REQUIRED FOR CONTINUED SERVICE**

Code Class	Repair, Replacement, or Corrective Measure	Item Description	Description of Work	Flaw or Relevant Condition Found During Scheduled Section XI Examination or Test (Yes or No)	Date Completed	Repair/ Replacement Plan Number
2	Replace in kind, RCIC Jockey Pump Suction Piping	70134244-0170 suction piping to the RCIC Jockey pump	H1BD -1B-P-228 pin hole through wall leak	No	2/9/2012	60101260
2	Repair	70136888-0050 HPCI stop valve (FV4880) drain orifice FO D006A downstream side of the D006A orifice (ref. M-56-1)	H1FD -1FDFO-D006B is leaking water out of insulation blanket. Two pin hole thru-wall leaks	No	5/9/2012	60102299