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PSEG Nuclear LLC
P.O. Box 236, Hancocks Bridge, NJ 08038-0236



OCT 31 2012

Order EA-12-051

LR-N12-0331

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555-0001

Salem Generating Station, Units 1 and 2
Renewed Facility Operating License Nos. DPR-70 and DPR-75
NRC Docket Nos. 50-272 and 50-311

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

Subject: PSEG Nuclear LLC's Initial Status Report in Response to March 12, 2012 Commission Order Modifying Licenses with Regard to Requirements for Reliable Spent Fuel Pool Instrumentation (Order Number EA-12-051)

References:

1. NRC Order Number EA-12-051, Order Modifying Licenses with Regard to Requirements for Reliable Spent Fuel Pool Instrumentation
2. NRC Interim Staff Guidance JLD-ISG-2012-03, Compliance with Order EA-12-051, Order Modifying Licenses with Regard to Requirements for Reliable Spent Fuel Pool Instrumentation, Revision 0, dated August 29, 2012

On March 12, 2012, the Nuclear Regulatory Commission ("NRC" or "Commission") issued an order (Reference 1) to PSEG Nuclear LLC (PSEG). Reference 1 was immediately effective and directs PSEG to have a reliable indication of the water level in associated spent fuel storage pools. Specific requirements are outlined in Attachment 2 of Reference 1.

Reference 1 requires submission of an initial status report 60 days following issuance of the final interim staff guidance. The final interim staff guidance (Reference 2) was issued August 30, 2012. The purpose of this letter is to provide the initial status report pursuant to Section IV, Condition C.2, of Reference 1 within 60 days following issuance of Reference 2. This report confirms that PSEG has received Reference 2 and is in the process of evaluating the guidance for the purpose of providing a reliable indication of the water level in associated spent fuel storage pools as described in Attachment 2 of Reference 1.

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Major activities completed during this reporting period:

- Resources have been identified and project plans initiated, including development of milestones, to assure compliance with Reference 1.
- PSEG has initiated a review of available level measurement and display technologies for use in the Salem and Hope Creek spent fuel pools.

Planned activities for the next six months:

- Development and submittal of the overall integrated plan by February 28, 2013.

Technical difficulties encountered that could affect the ability to provide the licensee's February 28, 2013, submittal:

- None at this time.

Project milestones schedule through completion of installation and testing:

A project milestones schedule will be provided with the overall integrated plan. Implementation of the order will be completed for:

- Salem Unit 1 prior to startup from Refueling Outage (RFO) 23 in Fall 2014
- Hope Creek prior to startup from RFO 19 in Spring 2015
- Salem Unit 2 prior to startup from RFO 21 in Fall 2015.

If you have any questions or require additional information, please do not hesitate to contact Mrs. Emily Bauer at 856-339-1023.

I declare under penalty of perjury that the foregoing is true and correct.

Executed on 10/31/12
(Date)

Sincerely,



Robert C. Braun
Senior Vice President, Nuclear Operations

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cc: Mr. E. Leeds, Director of Office of Nuclear Reactor Regulation
Mr. W. Dean, Administrator, Region I, NRC
Mr. J. Hughey, Project Manager, NRC
NRC Senior Resident Inspector, Salem
NRC Senior Resident Inspector, Hope Creek
Ms. L. Regner, NRR/JLD/PMB, NRC
Mr. B. Purnell, NRR/JLD/PMB, NRC
Mr. S. Jones, NRR/DSS/SBPB, NRC
Mr. P. Mulligan, Manager IV, NJBNE
Hope Creek Commitment Tracking Coordinator
Salem Commitment Tracking Coordinator
PSEG Commitment Coordinator – Corporate