



OCT 31 2012

Order EA-12-049

LR-N12-0329

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 Mitigation Strategies for Beyond-Design-Basis External Events (Order Number EA-12-049)

References:

1. NRC Order Number EA-12-049, Order Modifying Licenses with Regard to Requirements for Mitigation Strategies for Beyond-Design-Basis External Events
2. NRC Interim Staff Guidance JLD-ISG-2012-01, Compliance with Order EA-12-049, Order Modifying Licenses with Regard to Requirements for Mitigation Strategies for Beyond-Design-Basis External Events, Revision 0, dated August 29, 2012
3. Nuclear Energy Institute (NEI) Letter to NRC, Industry Initiative on Procurement of Equipment for the Diverse and Flexible Coping Strategy (FLEX), dated February 24, 2012
4. NEI 12-06, Diverse and Flexible Coping Strategies (FLEX) Implementation Guide, Revision 0, dated August 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 develop, implement, and maintain guidance and strategies to maintain or restore core cooling, containment, and spent fuel pool cooling capabilities in the event of a beyond-design-basis external event. Specific requirements are outlined in Attachment 2 of Reference 1.

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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 establishing mitigation strategies to maintain or restore core cooling, containment, and spent fuel pool cooling capabilities in the event of a beyond-design-basis external event as described in Attachment 2 of Reference 1.

Major activities completed during this reporting period:

- Additional portable equipment, i.e., ventilation fans, small diesel generators and diesel generator-driven pumps, were ordered prior to the issuance of Reference 2. Additional equipment described in an NEI letter to the NRC (Reference 3) may be procured as needed to support the FLEX implementation strategies under development.
- A site-specific evaluation is in progress to establish the coping capabilities as defined in NEI 12-06 (Reference 4).
- Resources are being identified and project plans initiated, including development of milestones, to assure compliance with Reference 1.

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.

There are no regulatory commitments contained in this letter.

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

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. J. Kratchman, NRR/JLD/PMB, NRC
Mr. E. Bowman, NRR/DPR/PGCB, NRC
Mr. P. Mulligan, Manager IV, NJBNE
Hope Creek Commitment Tracking Coordinator
Salem Commitment Tracking Coordinator
PSEG Commitment Coordinator – Corporate