



LR-N12-0170  
June 7, 2012

U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
11555 Rockville Pike  
Rockville, MD 20852

Salem Nuclear 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 Response to NRC Request for Information Pursuant to 10 CFR 50.54(f) Regarding the Flooding Aspects of Recommendations 2.1 and 2.3 of the Near-Term Task Force Review of Insights from the Fukushima Dai-ichi Accident**

- References:
- (1) NRC Letter, Request for Information Pursuant to Title 10 of the Code of Federal Regulations 50.54(f) Regarding Recommendations 2.1, 2.3, and 9.3, of the Near-Term Task Force Review of Insights from the Fukushima Dai-ichi Accident, dated March 12, 2012
  - (2) NRC Letter, Prioritization of Response Due Dates for Request for Information Pursuant to Title 10 of the *Code of Federal Regulations* 50.54(f) Regarding Flooding Hazard Reevaluations for Recommendation 2.1 of the Near-Term Task Force Review of Insights from the Fukushima Dai-ichi Accident, dated May 11, 2012
  - (3) NRC Letter, Endorsement of Nuclear Energy Institute (NEI) 12-07, "Guidelines for Performing Verification Walkdowns of Plant Flood Protection Features," dated May 31, 2012

On March 12, 2012, the NRC staff issued Reference 1 to all power reactor licensees and holders of construction permits in active or deferred status. Enclosures 2 and 4 of Reference 1 contain specific Requested Actions, Requested Information, and Required Responses associated with Recommendations 2.1 and 2.3 for Flooding Evaluations and Walkdowns. This letter provides the PSEG Nuclear LLC (PSEG) 90 day response to Reference 1 for Salem Nuclear Generating Station, Units 1 and 2 (Salem), and for Hope Creek Generating Station (Hope Creek).

**Recommendation 2.1: Flooding**

The response date for Salem and Hope Creek's flood hazard evaluation was identified in Reference 2 as March 12, 2013, which corresponds to 1 year from the date of Reference 1. PSEG plans to comply with the requested response date.

PSEG plans to meet the requested date for the other required responses in Enclosure 2 of Reference 1. Specifically, an approach for developing an Integrated Assessment for Salem and Hope Creek will be submitted 60 days after the NRC endorses the Integrated Assessment Guidance. In addition, an Integrated Assessment report for Salem and Hope Creek, if it is necessary, will be submitted 2 years after the flood evaluation is submitted.

**Recommendation 2.3: Flooding**

For flooding recommendation 2.3 (walkdowns), Enclosure 4 of Reference 1 states that each licensee is to confirm that it will use the NRC-endorsed flooding walkdown procedure or provide a description of the process it will use.

PSEG confirms that it will use the flooding walkdown procedure (NEI 12-07, *Guidelines for Performing Verification Walkdowns of Plant Flood Protection Features*) endorsed by Reference 3 as the basis for the flooding walkdowns at Salem and Hope Creek.

PSEG plans to comply with the response timeline in Enclosure 4 of Reference 1. Specifically, PSEG will submit a report documenting the results of its flooding design basis walkdowns at Salem and Hope Creek by 11/27/2012, which corresponds to 180 days after NRC endorsement of the generic guidance.

This letter contains no regulatory commitments.

Should you have any questions concerning the content of this letter, please contact Ms. Emily Maguire at 856-339-1023.

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

Executed on 6/7/12  
(Date)

Sincerely,



Robert C. Braun  
Senior Vice President, Nuclear Operations

cc: Mr. W. Dean, Administrator, Region I, NRC  
Mr. J. Hughey, Project Manager, NRC  
NRC Senior Resident Inspector, Salem  
NRC Senior Resident Inspector, Hope Creek  
Mr. P. Mulligan, Manager IV, NJBNE  
Mr. L. Marabella, Corporate Commitment Tracking Coordinator  
Mr. K. Yearwood, Hope Creek Commitment Tracking Coordinator  
Mr. T. Cachaza, Salem Commitment Tracking Coordinator