

**PSEG Nuclear LLC**

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



10 CFR 72.48

LR-N14-0239  
December 9, 2014

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

Salem and Hope Creek Independent Spent Fuel Storage Installation  
NRC Docket No. 72-0048

Subject: **Report of 10 CFR 72.48 Changes, Tests, and Experiments**

Reference: PSEG Letter LR-N14-0207, "Report of 10 CFR 72.48 Changes, Tests, and Experiments," dated September 6, 2013 (ADAMS Accession No. ML13252A034)

In accordance with 10 CFR 72.48(d)(2), PSEG Nuclear LLC (PSEG) is required to submit to the NRC a brief description of any changes, tests, and experiments made pursuant to 10 CFR 72.48(c), including a summary of the evaluation of each.

This submittal covers the period from December 2, 2012, to December 2, 2014. One change was made pursuant to paragraph (c) of 10 CFR 72.48 and is described in Attachment 1.

There are no regulatory commitments contained in this letter.

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If you have any questions or require additional information, please contact Ms. Tanya Timberman at 856-339-1426.

Sincerely,

A handwritten signature in black ink, appearing to read "Paul R. Duke, Jr.", written in a cursive style.

Paul R. Duke, Jr.  
Manager – Licensing

Attachment:

1. 10 CFR 72.48 Changes, Tests, and Experiments Summary Evaluation

cc: Mr. D. Dorman, Administrator, Region I, NRC  
Ms. C. Sanders-Parker, Project Manager, NRC  
NRC Senior Resident Inspector, Salem  
NRC Senior Resident Inspector, Hope Creek  
Mr. P. Mulligan, Manager IV, NJBNE  
PSEG Corporate Commitment Tracking Coordinator  
Salem Commitment Tracking Coordinator  
Hope Creek Commitment Tracking Coordinator

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**Attachment 1**

**10 CFR 72.48 Changes, Tests, and Experiments Summary Evaluation**

**SUMMARY EVALUATION OF 10 CFR 72.48 CHANGES, TESTS, AND EXPERIMENTS:**

1) 212 Report, 72.212 Evaluation Report for Salem/Hope Creek ISFSI

The changes made to Revision 7 of the 212 Report were to add new Subsection 5.4.1.12.1, which addresses two nonconforming conditions that were accepted as-is for several Hope Creek and Salem dry spent fuel storage canisters in service at the ISFSI. The accept-as-is dispositions are deviations from the cask FSAR and require a review under 10 CFR 72.48.

Thirteen Hope Creek Multi-Purpose Canisters (MPCs) currently in service did not have the water in the MPC-HI-TRAC annulus continuously flushed during vacuum drying as was required by the thermal analysis supporting the FSAR and Technical Specifications (TS).

Nine Salem and four Hope Creek MPCs currently in service did not have the minimum amount of helium backfilled into the fuel cavity as required by the thermal analysis supporting the FSAR and TS.

The thermal consequences of both conditions were evaluated by the Certificate of Compliance (CoC) holder for the actual decay heat loads of the affected MPCs and were found to be acceptable. Fuel cladding and component temperatures remain within their design limits.