

**PSEG Nuclear LLC**  
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10 CFR 50.90

LR-N16-0057  
LAR S15-02

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

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

Subject: Supplement for License Amendment Request Regarding Replacement Of Source Range And Intermediate Range Neutron Monitoring Systems

- References
1. PSEG letter to NRC, "License Amendment Request Regarding Replacement of Source Range and Intermediate Range Neutron Monitoring Systems," dated April 3, 2015 (ADAMS Accession No. ML15093A291)
  2. PSEG letter to NRC, "Supplemental Information Needed for Acceptance of Requested Licensing Action Re: Amendment Request Regarding Replacement of Source Range and Intermediate Range Neutron Monitoring Systems (TAC Nos. MF6065 and MF6066)," dated June 2, 2015 (ADAMS Accession No. ML15153A193)
  3. PSEG Letter to NRC, "Response to Request For Additional Information Re: License Amendment Request Regarding Replacement Of Source Range And Intermediate Range Neutron Monitoring Systems (CAC NOS. MF6065 AND MF6066)," dated November 27, 2015 (ADAMS Accession No. ML15334A107)
  4. PSEG Letter to NRC, "Supplemental Response to Request For Additional Information Re: License Amendment Request Regarding Replacement Of Source Range And Intermediate Range Neutron Monitoring Systems (CAC NOS. MF6065 AND MF6066)," dated February 10, 2016 (ADAMS Accession No. ML16042A600)

In the Reference 1 letter, PSEG Nuclear LLC (PSEG) submitted a license amendment request for Salem Nuclear Generating Station (Salem), Units 1 and 2. PSEG provided additional information to support the NRC's review in References 2 through 4. The proposed amendment would revise Technical Specifications (TS) 3/4.3.1, Reactor Trip System, to support the replacement of the existing source range (SR) and intermediate range (IR) nuclear instrumentation.

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The replacement of the SR and IR nuclear instrumentation is being performed in accordance with PSEG's design change process under 10 CFR 50.59. As described in Section 2.0 of Attachment 1 of Reference 1, PSEG is only requesting NRC review and approval of the TS changes associated with the change to the SR and IR instrumentation channels. The TS changes consist of a revision to the allowable values for both the SR and IR channels, removal of the footnote associated with de-energizing the SR channel high voltage power supply above P-6, change to the P-6 setpoint description and the addition of TSTF-493 notes for the SR and IR channels.

PSEG has determined that the information provided in this submittal does not alter the conclusions reached in the 10 CFR 50.92 no significant hazards determination previously submitted. In addition, the information provided in this submittal does not affect the bases for concluding that neither an environmental impact statement nor an environmental assessment needs to be prepared in connection with the proposed amendment.

There are no regulatory commitments contained in this letter.

If you have any questions or require additional information, please contact Mr. Brian Thomas at 856-339-2022.

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

Executed on 3/4/16  
(date)

Respectfully,



John F. Perry  
Site Vice President  
Salem Nuclear Generating Station

cc: Mr. D. Dorman, Administrator, Region I, NRC  
Ms. C. Parker, NRC Project Manager, Salem  
NRC Senior Resident Inspector, Salem  
Mr. P. Mulligan, Chief, NJBNE  
Mr. L. Marabella, Corporate Commitment Tracking Coordinator  
Mr. T. Cachaza, Salem Commitment Tracking Coordinator