



10 CFR 50.54(f)

LR-N12-0124  
April 27, 2012

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

Subject: **Final Supplemental Response to Generic Letter 2004-02**

- References:
- (1) NRC Generic Letter 2004-02: Potential Impact of Debris Blockage on Emergency Recirculation During Design Basis Accidents at Pressurized-Water Reactors, September 13, 2004, ADAMS Accession No. ML042360586
  - (2) Draft Salem, Units 1 and 2, Updated Supplemental Response to Generic Letter 2004-02, May 27, 2010, ADAMS Accession No. ML101540137
  - (3) 6/23/2010 Summary of Category 1 Public Meeting with PSEG Nuclear LLC, Regarding Response to Generic Letter 2004-02 for Salem Nuclear Generating Station, Units 1 and 2, ADAMS Accession No. ML101800477

On September 13, 2004, the NRC issued the Reference 1 letter, Generic Letter (GL) 2004-02. GL 2004-02 requested that each plant perform an evaluation of the Emergency Core Cooling System and Containment Spray System recirculation functions in light of the information provided in the Generic Letter, and, if appropriate, take additional actions to ensure system function.

PSEG Nuclear LLC (PSEG) provided a number of responses to GL 2004-02, including a draft updated supplemental response on May 27, 2010 (Reference 2). The NRC staff provided feedback to PSEG on the revised draft response during a public meeting on June 23, 2010, summarized in Reference 3. PSEG hereby submits the final supplemental response to Generic Letter 2004-02 as Attachments 1 through 8.

There are no new regulatory commitments contained in this submittal.

If you have any questions or require additional information, please do not hesitate to contact Ms. Emily Maguire at (856) 339-1023.

AMG  
NAR

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

Executed on 4/27/2012  
(Date)

Sincerely,



Carl J. Fricker  
Site Vice President – Salem Generating Station

Attachments

1. Final Supplemental Response for Salem
2. Updated Response to February 9, 2006 RAIs
3. Updated Response to Draft Audit Open Items
4. Updated Response to Final Audit Open Items
5. Updated Response to December 17, 2008 RAIs
6. References
7. CSS and ECCS P&ID Drawings
8. Response to February 4, 2010 RAIs

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