



10 CFR 50.54(f)

LR-N11-0363
December 12, 2011

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 Nuclear Generating Station
Renewed Facility Operating License No. NPF-57
NRC Docket No. 50-354

Subject: Response to NRC Bulletin 2011-01, "Mitigating Strategies" Request for Additional Information

Reference: HOPE CREEK GENERATING STATION AND SALEM NUCLEAR GENERATING STATION, UNIT NOS. 1 AND 2 - REQUEST FOR ADDITIONAL INFORMATION REGARDING 60-DAY RESPONSE TO BULLETIN 2011-01, "MITIGATING STRATEGIES," dated November 14, 2011

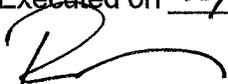
On November 14, 2011, the Nuclear Regulatory Commission (NRC) issued a request for additional information (RAI) regarding Salem and Hope Creek's response to NRC Bulletin 2011-01 "Mitigating Strategies" (Reference). This RAI requested a thirty day response to the two questions.

This letter contains no commitments.

Should you have any questions regarding this transmittal, please contact Mr. Justin Wearne at (856) 339-1351.

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

Executed on 12/12/11


Robert C. Braun
Senior Vice President – Nuclear

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Enclosure 1 Salem and Hope Creek Generating Station's Response to NRC Bulletin 2011-01
Request for Additional Information

cc Mr. W. Dean, Administrator - Region I
Mr. R. Ennis, Licensing Project Manager – Salem / Hope Creek
USNRC Senior Resident Inspector - Salem (X24)
USNRC Senior Resident Inspector – Hope Creek (X24)
Mr. P. Mulligan, Manager IV - NJBNE
Mr. T. Cachaza, Salem Commitment Tracking Coordinator
Mr. K. Yearwood, Hope Creek Commitment Tracking Coordinator
Mr. L. Marabella, Corporate Commitment Tracking Coordinator

Enclosure 1
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Salem and Hope Creek Generating Station's Response to NRC Bulletin 2011-01
Request for Additional Information

On May 11, 2011, the NRC issued Bulletin 2011-01 "Mitigating Strategies." PSEG responded to this bulletin in letters dated June 9, 2011 and July 11, 2011. On November 14, 2011 the NRC transmitted a request for additional information to PSEG regarding our response to NRC Bulletin 2011-01. The NRC requested a thirty day response to this request for additional information. Enclosed is the Salem and Hope Creek Generating Station response to this request for additional information.

Request:

1. Describe in detail the maintenance or testing of monitor nozzles, spray nozzles, or similar devices to ensure that they will be functional when needed.

The bulletin requested that each licensee describe in detail the maintenance and testing on equipment procured to support the mitigating strategies to ensure that it will be functional when needed. In the context of the mitigating strategies, these devices are commonly used for firefighting, spent fuel pool spray strategies, and as a means to reduce the magnitude of fission product releases. The NRC staff could not determine if you performed activities to ensure that these devices will be functional when needed.

Response:

The Hope Creek refuel floor monitor nozzle was functionally tested prior to installation. The Hope Creek refuel floor monitor nozzle does not have maintenance or testing performed on a periodic basis, rather this equipment is inventoried on a yearly basis.

The Salem portable spent fuel spray nozzle was functionally tested during initial implementation of the mitigating strategies. This nozzle does not have maintenance or testing performed on a periodic basis, rather this equipment is inventoried on a yearly basis.

The Fire Truck mounted spray nozzle does not have maintenance or testing performed on a periodic basis, rather this equipment is inventoried and inspected monthly.

The portable spray nozzles do not have maintenance or testing performed on a periodic basis, rather this equipment is inventoried and inspected quarterly.

Request:

2. Describe in detail how you ensure there is sufficient fuel for the pumping source when needed.

The bulletin requested that each licensee describe in detail the maintenance of equipment supporting the mitigating strategies to ensure that it will be functional when needed. The NRC staff could not determine if you performed activities to ensure that sufficient fuel would be available for the pumping source so that it will be functional when needed.

Response:

The portable pump is maintained in standby condition essentially full of fuel. Procedurally the portable pump is required to be refilled after maintenance, testing or training runs. While the portable pump is in a full fuel condition, the fuel supply supports twelve hours of operation at maximum loading. During emergency use of the portable pump, personnel are procedurally directed to make arrangements to refuel the pump using the stations site fuel truck, a portable fuel tank, or other readily available means.