

NRR-PMDAPEm Resource

From: Wall, Scott
Sent: Friday, August 22, 2014 11:01 AM
To: Anderson, Jon S.
Cc: Vincent, Dale M.; Alley, David; Bedi, Gurjendra; Pelton, David
Subject: Prairie Island Nuclear Generating Plant, Units 1 and 2 - Requests for Additional Information Related to Fifth 10-Year Inservice Testing Program (MF3928 and MF3929)
Attachments: Prairie Island- RAIs for Fifth 10 Year Interval RRs (MF3928 and MF3929).pdf

Mr. Anderson

By a letter dated April 9, 2014 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML14099A283), Northern States Power Company, a Minnesota corporation doing business as Xcel Energy (NSPM, the licensee), submitted relief requests for Prairie Island Nuclear Generating Plant (PINGP), Units 1 and 2. The 10 CFR 50.55a requests numbered RR-01, RR-03, RR-05, RR-06 and RR-07 are in support of the fifth ten-year interval for the PINGP, Units 1 and 2, Inservice Test Program.

The U.S. Nuclear Regulatory Commission (NRC) staff has reviewed the information provided by NSPM and has determined that additional information is needed to complete the review. On August 18, 2014, the NRC staff forwarded, via an electronic mail, a draft of the requests for additional information (RAIs) to the NSPM staff. Representatives of NSPM have indicated that no conference call is required to clarify any portion of the draft RAIs. The attachment to this electronic mail contains the finalized RAIs. Your staff agreed to response to the finalized RAIs no later than 45 days from the date of this letter.

Please note that review efforts on this task are being continued and further RAIs may develop.

Finally, please don't hesitate to contact me if you have any additional questions or concerns.

Sincerely,

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REQUEST FOR ADDITIONAL INFORMATION
RELATED TO THE FIFTH 10-YEAR INSERVICE TESTING PROGRAM INTERVAL
RELIEF REQUESTS RR-01, RR-03, RR-05, RR-06 AND RR-07
PRAIRIE ISLAND NUCLEAR GENERATING PLANT, UNITS 1 AND 2
DOCKET NOS. 50-282 AND 50-306

By letter dated April 9, 2014 (Agencywide Documents Access and Management System (ADAMS) Accession Nos. ML14099A283), Northern States Power Company (NSPM, the licensee), doing business as Xcel Energy, submitted relief requests for Prairie Island Nuclear Generating Plant (PINGP), Units 1 and 2. The 10 CFR 50.55a requests numbered RR-01, RR-03, RR-05, RR-06 and RR-07 are in support of the fifth ten-year interval for the PINGP, Units 1 and 2, Inservice Test Program. The U.S. Nuclear Regulatory Commission (NRC) staff has reviewed the information provided by NSPM and has determined that additional information is needed to complete the review, as described in the attached request for additional information (RAIs).

RAI-RR-01-1:

Relief Request RR-01 is related to use of Code Case OMN-16, Revision 1. Please confirm and verify that while using Code Case OMN-16, comprehensive pump test will be performed within plus or minus 20 percent of pump design flow as required by ASME OM Code Subsection ISTB.

RAI-RR-05-1:

In Relief Request RR-05, Section 4, "Reason for Request," Sixth paragraph, last sentence states "the Prairie Island Nuclear Generating Plant (PINGP) Predictive Maintenance (PdM) Program currently employs predictive monitoring techniques for vibration monitoring and analysis when evaluating IST vibration data." As specified in NUREG-1482, Revision 2, Section 5.12, "Smooth-Running Pumps," that PdM programs normally include bearing temperature trending, oil sampling and analysis, thermography analysis, and enhanced vibration monitoring. Please verify and confirm that PdM Program at PINGP includes bearing temperature trending, oil sampling and analysis, thermography analysis, and enhanced vibration monitoring.

RAI-RR-07-1:

In Relief Request RR-07, Section 4, "Reason for Request," Second paragraph, states that "Current fuel cycle lengths are at an approximate 20 months frequency; however NSPM is considering extending the cycle length to 24 months during the fifth 10-year interval. In doing so, this will create a hardship for testing the valves as the number of available refueling outage to complete testing will decrease, and results in testing half of the MSSV each outage thereafter (5 of 10 valves)." Please provide and elaborate details about hardship.

Enclosure