



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

June 11, 2012

Mr. Brian J. O'Grady
Vice President-Nuclear and CNO
Nebraska Public Power District
72676 648A Avenue
Brownville, NE 68321

SUBJECT: COOPER NUCLEAR STATION - SECOND REQUEST FOR ADDITIONAL
INFORMATION RE: REQUEST FOR RELIEF FOR THE FOURTH 10-YEAR
PUMP AND VALVE INSERVICE TESTING PROGRAM (TAC NO. ME7021)

Dear Mr. O'Grady:

By letter dated August 24, 2011 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML11242A129), Nebraska Public Power District (NPPD, the licensee) submitted requests for relief (RV-07, Revision 0, and RV-01, Revision 1) from certain inservice testing (IST) American Society of Mechanical Engineers Boiler and Pressure Vessel Code (Code) requirements for Cooper Nuclear Station pursuant to Section 50.55a of Title 10 of the *Code of Federal Regulations*. These requests are applicable to the fourth 10-year IST interval, which began March 1, 2006, and request relief from certain IST Code requirements regarding the required 2-year test interval for pressure isolation valve leakage rate testing and the frequency for disassembly and examination of the affected components. By letter dated February 13, 2012 (ADAMS Accession No. ML120270155), the U.S. Nuclear Regulatory Commission (NRC) transmitted a request for additional information (RAI). By letter dated March 12, 2012 (ADAMS Accession No. ML12079A032), you responded to the NRC's request.

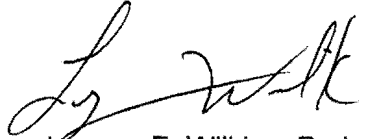
The NRC staff has reviewed your submittals and determined that additional information is needed for the staff to complete its evaluation. The RAI was transmitted via e-mail to Mr. Edward McCutchen of your staff on May 18, 2012. Mr. McCutchen indicated via telephone on June 5, 2011, that the response would be provided by June 22, 2012.

B. O'Grady

- 2 -

If you have any questions, please contact me at 301-415-1377 or via e-mail at Lynnea.wilkins@nrc.gov.

Sincerely,

A handwritten signature in black ink, appearing to read 'Lynnea E. Wilkins', with a stylized flourish at the end.

Lynnea E. Wilkins, Project Manager
Plant Licensing Branch IV
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket No. 50-298

Enclosure:
Request for Additional Information

cc w/encl: Distribution via Listserv

SECOND REQUEST FOR ADDITIONAL INFORMATION

NEBRASKA PUBLIC POWER DISTRICT

COOPER NUCLEAR STATION

DOCKET NO. 50-298

By letter dated August 24, 2011 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML11242A129), Nebraska Public Power District (NPPD, the licensee) submitted requests for relief (RV-07, Revision 0, and RV-01, Revision 1) from certain inservice testing (IST) requirements of the American Society of Mechanical Engineers Boiler and Pressure Vessel Code (Code), for Cooper Nuclear Station, pursuant to Section 50.55a of Title 10 of the *Code of Federal Regulations*. These requests are applicable to the fourth 10-year IST interval, which began March 1, 2006, and request relief from certain IST Code requirements regarding the required 2-year test interval for pressure isolation valve leakage rate testing and the frequency for disassembly and examination of the affected components. By letter dated February 13, 2012 (ADAMS Accession No. ML120270155), the U.S. Nuclear Regulatory Commission (NRC) transmitted a request for additional information (RAI). By letter dated March 12, 2012 (ADAMS Accession No. ML12079A032), the licensee responded to the NRC's request.

The NRC staff has reviewed and evaluated the information provided by the licensee and has determined that the following information is needed in order to complete its review.

1. Please describe any significant differences in the operational conditions and the relative physical locations to each other for HPCI-SOV-SSV64 and HPCI-SOV-SSV87.
2. Please provide the reason for the replacement of HPCI-SOV-SSV87 in June 2005.
3. The licensee's letter dated August 24, 2011, states, in part, that, "For instance, solenoid valve, HPCI-SOV-SSV87, was replaced in June 2005, and has had an acceptable disassembly and examination completed in November 2006, March 2008, August 2009, and March 2011." Please provide the acceptance criteria and results for these four examinations of HPCI-SOV-SSV87 and describe any future acceptance criteria changes for HPCI-SOV-SSV64 and HPCI-SOV-SSV87.
4. If the disassembly and examination interval is extended to 36 months and issues/problems are discovered in HPCI-SOV-SSV64 or HPCI-SOV-SSV87, please state any planned disassembly and examination interval change. If the disassembly and examination interval is decreased, please provide the criteria used to return to a 36-month interval.

Enclosure

B. O'Grady

- 2 -

If you have any questions, please contact me at 301-415-1377 or via e-mail at Lynnea.wilkins@nrc.gov.

Sincerely,

/RA/

Lynnea E. Wilkins, Project Manager
Plant Licensing Branch IV
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket No. 50-298

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Request for Additional Information

cc w/encl: Distribution via Listserv

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ADAMS Accession No.: ML12157A541

***via email dated**

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| OFFICE | NRR/LPL4/PM | NRR/LPL4/LA | NRR/DE/EPTB/BC | NRR/LPL4/BC | NRR/LPL4/PM |
| NAME | LWilkins | JBurkhardt* | AMcMurtray* | MMarkley | LWilkins |
| DATE | 6/7/12 | 6/7/12 | 5/16/12 | 6/8/12 | 6/11/12 |

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