



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 - REQUEST FOR ADDITIONAL INFORMATION
RE: REQUEST FOR RELIEF FOR THE FOURTH 10-YEAR INSERVICE
INSPECTION PROGRAM (TAC NO. ME7875)

Dear Mr. O'Grady:

By letter dated January 16, 2012 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML12023A005), Nebraska Public Power District (the licensee) submitted request for relief (RI-07) from certain inservice inspection (ISI) 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*. The request is applicable to the fourth 10-year ISI interval, which began March 1, 2006.

The U.S. Nuclear Regulatory Commission staff has reviewed your submittals and determined that additional information is needed for the staff to complete its evaluation. The request for additional information 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.

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".

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

REQUEST FOR ADDITIONAL INFORMATION

NEBRASKA PUBLIC POWER DISTRICT

COOPER NUCLEAR STATION

DOCKET NO. 50-298

By letter dated January 16, 2012 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML12023A005), Nebraska Public Power District (the licensee) submitted request for relief (RI-07) from certain inservice inspection (ISI) 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*. The request is applicable to the fourth 10-year ISI interval, which began March 1, 2006.

The U.S. Nuclear Regulatory Commission staff has reviewed the information provided by the licensee and has determined that the following information is needed in order to complete its review.

1. Please describe the materials of construction of components RHR-CA-2A and RHR-CB-1A including the base metal and weld materials.
2. Please clarify the difference in technique between the examinations conducted during the previous ISI interval and those conducted during the current interval. In addition, please explain why the coverage percentages differed so much between intervals.
3. Please discuss whether or not alternative beam-angle examinations were attempted. Also, please describe the impact of these alternatives, if any, on coverage.
4. Please provide a diagram of the residual heat removal vessel on which the examinations were performed indicating on the diagram where the welds of interest are located.

Enclosure

June 11, 2012

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/RA/

Lynnea E. Wilkins, Project Manager
Plant Licensing Branch IV
Division of Operating Reactor Licensing
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ADAMS Accession No.: ML12159A299

**via memo dated

OFFICE	NRR/LPL4/PM	NRR/LPL4/LA	NRR/DE/EVIB/BC	NRR/LPL4/BC	NRR/LPL4/PM
NAME	LWilkins	JBurkhardt*	SRosenberg**	MMarkley	LWilkins
DATE	6/8/12	6/7/12	4/27/12	6/8/11	6/11/12