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September 22, 2006
LIC-06-0114

U. S. Nuclear Regulatory Commission
ATTN.: Document Control Desk
Washington, DC 20555

Reference: Docket No. 50-285

SUBJECT: Fort Calhoun Station Unit No. 1 - Request for Limited Use of the 2001 Edition, 2003 Addenda of ASME Boiler and Pressure Vessel Code Section XI for Examination of Cast Stainless Steel Piping

Federal Register Notice 69 FR 58804 dated October 1, 2004 announced that the NRC had amended its regulations to incorporate by reference more recent editions of the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code. The amended regulations became effective on November 1, 2004. The revised 10 CFR 50.55a(b)(2) references ASME Section XI editions through the 2001 edition and the 2003 Addenda. Pursuant to 10 CFR 50.55a(g)(4)(iv) and NRC Regulatory Information Summary (RIS) 2004-12, the Omaha Public Power District (OPPD) requests NRC staff approval to use the ASME Section XI 2001 Edition, 2003 Addenda for examination of cast stainless steel piping at Fort Calhoun Station Unit No. 1 (FCS).

There are no related requirements; as required per 10CFR50.55a(g)(4)(iv), Appendix III of the ASME Boiler and Pressure Vessel Code, Section XI, 2001 Edition, 2003 Addenda will be used in its entirety for the cast stainless steel piping at FCS for the fourth ten-year ISI interval. Appendix III has no requirements for a performance demonstration, but all the rules of Appendix III will be followed for the procedures, equipment, calibration, detection, recording, and evaluation of examinations for welds in the cast stainless steel piping at FCS.

Initial use of Appendix III will be during the current refueling outage. The hot and cold leg piping connecting the reactor coolant system to the two steam generators is cast stainless steel. The welds to be examined are the hot and cold leg tie in welds for the two replacement steam generators. Each replacement steam generator has one hot leg weld and two cold leg welds. The hot leg thickness is approximately 3.5 inches and the cold leg thickness is approximately 2.5 inches.

The following commitment is made in this submittal:

- Appendix III of the ASME Boiler and Pressure Vessel Code, Section XI, 2001 Edition, 2003 Addenda will be used in its entirety for the cast stainless steel piping at FCS for the fourth ten-year ISI interval (AR 39381).

To support the current outage schedule, OPPD respectfully requests approval of this request by October 13, 2006. If you have any questions concerning this submittal please contact Thomas R. Byrne at (402) 533-7388.

Sincerely,

A handwritten signature in black ink, appearing to read "Harry J. Faulhaber", is written over the typed name.

Harry J. Faulhaber
Division Manager
Nuclear Engineering

HJF/TRB/trb