

January 14, 2005

Mr. G. R. Peterson
Vice President
McGuire Nuclear Station
Duke Energy Corporation
12700 Hagers Ferry Road
Huntersville, NC 28078-8985

SUBJECT: MCGUIRE NUCLEAR STATION, UNITS 1 AND 2 - REQUEST FOR
ADDITIONAL INFORMATION RE: RELIEF REQUEST 04-MN-02, 04-MN-03
AND 04-MN-04, ALTERNATIVES TO AMSE SECTION XI (TAC NOS. MC4514,
MC4515, AND MC4516)

Dear Mr. Peterson:

By letter to the Nuclear Regulatory Commission (NRC) dated August 9, 2004, pursuant to Title 10 of the *Code of Federal Regulations*, Section 50.55a(a)(3), you requested the use of an alternative to the American Society of Mechanical Engineers *Boiler and Pressure Vessel Code*, Section XI, for McGuire Nuclear Station, Units 1 and 2. The NRC staff has reviewed your submittal and has determined that additional information is required. Our questions are provided in the Enclosure. We discussed this question with your staff on January 10, 2005. Your staff indicated that a response could be provided within 45 days of the date of this letter.

If you have any further questions on this matter, please call me at (301) 415-1388.

Sincerely,

/RA/

James J. Shea, Project Manager, Section 1
Project Directorate II
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket Nos. 50-369 and 50-370

Enclosure: Request for Additional Information

cc w/encl: See next page

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REQUEST FOR ADDITIONAL INFORMATION

RELIEF REQUEST 04-MN-02, 04-MN-03 AND 04-MN-04,

ALTERNATIVES TO AMSE SECTION XI

DUKE ENERGY CORPORATION

MCGUIRE NUCLEAR STATION, UNITS 1 AND 2

DOCKET NOS. 50-369 AND 50-370

1. Regarding 1RPVI-462C-SE, since this is an item identified in the Risk Informed In-service Inspection program, have other welds of the same material, similar environment, and similar risk category been considered as a substitute so that a 100 percent volumetric coverage can be achieved. In addition, was a surface examination performed on 1RPVI-462C-SE? What was the coverage achieved? What were the results from previous inspections?
2. For component 2N12FW26-15 (Item C05.011.168) the Code requires both volumetric and surface examinations. The submittal implied that surface examinations have been completed. What was the coverage achieved?
3. For all other components for which 100 percent volumetric can not be achieved (e.g., 2NCW-3673-1, 2NC2FW22-6), please state if surface examination has been performed, and the coverage achieved. Similarly, for components for which 100 percent surface can not be achieved (e.g. 1CCPUMP-1A), although not required by the Code, please state if volumetric examination has been considered as an alternative to supplement the coverage of surface examination.

McGuire Nuclear Station

cc:

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