

February 24, 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 MC-SRP-NS-01,
COMPREHENSIVE PUMP TEST (TAC NOS. MC4507 AND MC4508)

Dear Mr. Peterson:

By letter to the Nuclear Regulatory Commission (NRC) dated August 12, 2004, as supplemented by letter dated on November 18, 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 Operating and Maintenance Code, 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 these questions with your staff on February 2, 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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DATE	2/8/05	2/9/05	2/22/05	2/24/05

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REQUEST FOR ADDITIONAL INFORMATION

RELIEF REQUEST MC-SRP-NS-01

ALTERNATIVES TO AMSE OM CODE

DUKE ENERGY CORPORATION

MCGUIRE NUCLEAR STATION, UNITS 1 AND 2

DOCKET NOS. 50-369 AND 50-370

1. Have the Containment Spray (CS) Pumps ever been operated at design conditions? If so, provide copies of test data and test conditions.
2. How many hours have the pumps been run since full flow testing? Include test data for all tests performed since the last time the CS pumps were operated at design conditions.
3. Provide a maintenance and corrective action history for the CS pumps since the last time they were operated at design conditions and provide justification or reasons stating why maintenance and corrective actions have not affected pump performance.
4. Provide technical justification that shows how operation at lower flow rates equates to the ability to operate at design flow rates. Also, discuss how the limiting acceptance criteria at the proposed lower flow rates relate to operations at the higher flow rates.
5. Provide a basis for relief in accordance with 10 CFR 50.55a(a)(3)(ii) to show that compliance with the American Society of Mechanical Engineers Operating and Maintenance Code required testing would result in hardship or unusual difficulty without a compensating increase in the level of quality and safety specifically in regards to installing temporary or permanent modifications needed to perform the comprehensive pump test.

McGuire Nuclear Station

cc:

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