



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

June 18, 2014

Mr. Steven D. Capps  
Vice President  
McGuire Nuclear Station  
Duke Energy Carolinas, LLC  
12700 Hagers Ferry Road  
Huntersville, NC 28078-8985

SUBJECT: MCGUIRE NUCLEAR STATION, UNIT 2: REQUEST FOR ADDITIONAL  
INFORMATION REGARDING RELIEF REQUEST 13-MN-003  
(TAC NO. MF3477)

Dear Mr. Capps:

By letter dated February 6, 2014 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML14055A402), Duke Energy Carolinas, LLC (Duke) submitted a request to the U.S. Nuclear Regulatory Commission (NRC) for relief from certain requirements of the American Society of Mechanical Engineers Boiler and Pressure Vessel Code, Section XI for the third 10-year Inservice Inspection Program for McGuire Nuclear Station, Unit 2.

The NRC staff has reviewed the licensee's submittal and determined that additional information is needed in order to complete its review. The enclosed document describes this request for additional information (RAI). On June 12, 2014, the Duke staff indicated that a response to the RAI would be provided by July 31, 2014.

If you have any questions, please call me at 301-415-2481.

Sincerely,

A handwritten signature in black ink, appearing to read "G. Edward Miller".

G. Edward Miller, Project Manager  
Plant Licensing Branch II-1  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket Nos. 50-370

Enclosure:  
Request for Additional Information

cc w/encl: Distribution via Listserv

DRAFT REQUEST FOR ADDITIONAL INFORMATION

MCGUIRE NUCLEAR STATION, UNIT 2

THIRD 10-YEAR INSERVICE INSPECTION INTERVAL

RELIEF REQUEST NO. 13-MN-003

DOCKET NOS. 50-370

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1. What is the normal operating temperature and pressure for the subject welds (2ELDHX-HD-FLG & 2RCHPSS-OUT-1).
2. What environmental conditions are the subject welds, (2ELDHX-HD-FLG & 2RCHPSS-OUT-1), exposed to (e.g., system transients, vibration, flow)?
3. Describe the materials of construction for the stainless steel head, weld metal, and carbon steel flange in weld 2ELDHX-HD-FLG.
4. Describe the weld metal used in 2RCHPSS-OUT-1.
5. Has Duke performed a review of applicable operating experience for the subject welds? If so, did this review identify any industry operating experience of similar system welds developing service induced cracking or failure?

Enclosure

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**/RA/**

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**ADAMS Accession No. ML14168A252**

\*Via E-mail

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