

September 30, 2005

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

SUBJECT: MCGUIRE NUCLEAR STATION, UNIT 2, RE: STEAM GENERATOR TUBE
INSPECTION REPORT FOR THE END OF CYCLE 16 REFUELING OUTAGE
(TAC NO. MC6889)

Dear Mr. Peterson:

By letters dated April 14, July 7, and August 22, 2005, Duke Energy Corporation, the licensee for McGuire Nuclear Station, Unit 2, submitted information summarizing the steam generator tube inspections performed during the spring 2005, End of Cycle 16 refueling outage.

Upon review of this information, the Nuclear Regulatory Commission (NRC) staff concluded that the licensee provided the information required by the Technical Specifications and that no additional follow-up was required. The NRC staff's evaluation is enclosed.

Sincerely,

/RA/

Farideh E. Saba, Project Manager, Section 1
Project Directorate II
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket No. 50-370

Enclosure: As stated

cc w/encl: See next page

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*No significant changes made to this summary
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Date: September 30, 2005

Distribution:

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SUMMARY OF REVIEW BY THE OFFICE OF NUCLEAR REACTOR REGULATION

RELATED TO THE STEAM GENERATOR TUBE INSPECTION REPORT

FOR THE END OF CYCLE 16 REFUELING OUTAGE

DUKE ENERGY CORPORATION

MCGUIRE NUCLEAR STATION, UNIT 2

DOCKET NO. 50-370

By letters dated April 14 and July 7, 2005 (Agencywide Documents Access Management System (ADAMS) Accession Nos. ML051160271 and ML052020050) Duke Energy Corporation, the licensee, submitted information pertaining to the steam generator tube inspections performed in the spring 2005, End of Cycle 16 outage at McGuire Nuclear Station, Unit 2. The licensee submitted these reports in accordance with Technical Specifications (TSs) 5.6.8.a and 5.6.8.b, and pursuant to American Society of Mechanical Engineers, Section XI, Paragraph IWA-6230. The Nuclear Regulatory Commission (NRC) staff required additional information in order to complete the review. The licensee responded to the NRC staff's request for additional information related to the above submittals in a letter dated August 22, 2005 (ADAMS Accession No. ML052420484).

The licensee provided the scope, extent, methods and results of their steam generator tube inspections in the documents referenced above. In addition, the licensee described corrective actions (i.e., tube plugging or repair) taken in response to the inspection findings.

Based on a review of the information provided, the NRC staff concludes that the licensee provided the information required by their TSs. In addition, the NRC staff concludes that there are no technical issues that warrant follow-up action at this time, since the inspections appear to be consistent with the objective of detecting potential tube degradation and the inspection results appear to be consistent with industry operating experience at similarly designed and operated units.

Enclosure

McGuire Nuclear Station, Unit 2

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