



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

August 9, 1990

Docket Nos. 50-369
and 50-370

Mr. H. B. Tucker, Vice President
Nuclear Production Department
Duke Power Company
P. O. Box 1007
Charlotte, North Carolina 28201-1007

Dear Mr. Tucker:

SUBJECT: INSERVICE INSPECTION PROGRAM FOR FIRST TEN-YEAR INTERVAL, MCGUIRE
NUCLEAR STATION, UNITS 1 AND 2 (TACS 56682/56683/68974/71139)

The NRC has completed review of the inservice inspection (ISI) program for the first ten years of operation of McGuire Nuclear Station, Units 1 and 2. The review is based upon changes to your ISI program through Revision 11, dated March 1, 1989. Our Safety Evaluation is enclosed (Enclosure 1).

Our safety review has been performed with the technical assistance of a contractor, Science Applications International Corporation (SAIC), and our enclosed evaluation incorporates SAIC's Technical Evaluation Report (TER, Enclosure 2). We endorse SAIC's TER, including its findings. However, three references in the TER on pages 23 and 24 should be changed to read:

30. D. B. Matthews (NRC) to H.B. Tucker (Duke), December 1, 1988; approval of Code Cases N-401, N-416, N-426, and N-427. Also, D. B. Matthews to H. B. Tucker, February 25, 1989; approval of Code Case N-401-1.
42. D. Hood (NRC) to H. B. Tucker (Duke), December 30, 1986; approval of thermal sleeve removal.
43. Deleted.

During the course of this review, we have determined that certain requirements of Section XI of the ASME Code for which you have requested relief are impractical to perform at the McGuire Nuclear Station and have previously granted relief pursuant to 10 CFR 50.55a(g)(6)(i). These requests and our approvals are identified by the enclosed table (Enclosure 3). Additionally, as discussed in Enclosures 1 and 2, we hereby grant your requests of July 1 and November 8, 1986 (Relief Request 88-08) regarding ultrasonic examination of the shell-to-lower head weld of the cold leg Safety Injection Accumulator Tanks for McGuire Units 1 and 2. We have determined that, pursuant to 10 CFR 50.55a(g)(6)(i), that the granting of relief is authorized by law, will not endanger life or property or the common defense and security, and is otherwise in the public interest. In making this determination, we have given due consideration to the burden that could result if the requirements were imposed on your facility.

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Mr. H. B. Tucker
Duke Power Company

McGuire Nuclear Station

cc:

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In accordance with 10 CFR 50.55a(g)(4)(iv), we also grant your request of February 28, 1989, to update the McGuire Unit 1 ISI program from the 1977 Summer 1979 Code to the same Code edition as used for McGuire Unit 2, the 1980 Winter 1980 Code.

We have determined that the McGuire ISI program reflects compliance with Commission requirements and with ASME Code, Section XI, except as relief has been granted and except that (1) numerous examinations at both McGuire units do not meet scheduling requirements and (2) some augmented examination requirements committed to in the FSAR are not clearly indicated as being met. Since these latter two classes of exceptions do not constitute a significant compromise to the safety of the station, we have opted not to withhold approval of the overall ISI program pending their resolution. Rather, your actions to comply with these requirements will be observed during subsequent inspections. Our position does not affect future enforcement actions as may be associated with these items. On this basis, we conclude that Revision 11 of the McGuire Nuclear Station, Units 1 and 2, First Ten-Year Interval Inservice Inspection Program with related additional information and authorized reliefs, constitute part of the basis for meeting the requirements of 10 CFR 50.55a and Technical Specifications.

If you have questions regarding this matter, contact me at (301) 492-0905.

Sincerely,

Original signed by:

Darl S. Hood, Project Manager
Project Directorate II-3
Division of Reactor Projects-1/II
Office of Nuclear Reactor Regulation

Enclosures:

- 1. Safety Evaluation
- 2. Technical Evaluation Report
- 3. Table

cc w/enclosures:
See next page

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