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86 SEP 11 P12:52

September 4, 1986

Dr. J. Nelson Grace, Regional Administrator
U.S. Nuclear Regulatory Commission
Region II
101 Marietta St. NW, Suite 2900
Atlanta, Georgia 30323

Subject: McGuire Nuclear Station
Docket Nos. 50-369, 50-370

Reference: NRC/OIE Inspection Report 50-369/86-16, 50-370/86-16

Dear Dr. Grace:

Pursuant to 10CFR2.201, please find attached a response to the violation which was identified in the above referenced Inspection Report. Please note that Duke Power is denying the alleged violation.

Very truly yours,

Hal B. Tucker

Hal B. Tucker

JBD/85/jgm

Attachment

xc: Mr. W.T. Orders
NRC Resident Inspector
McGuire Nuclear Station

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IE01

DUKE POWER COMPANY
McGUIRE NUCLEAR STATION
RESPONSE TO VIOLATION IN INSPECTION REPORT
50-369/86-16 AND 50-370/86-16

Violation 50-369/86-16-01, Severity Level IV

Technical Specification 4.6.1.2 requires that containment leakage rates be determined in conformance with the requirements of Appendix J to 10CFR50 and ANSI N45.4-1972.

10CFR50, Appendix J, paragraph III.A.3(a), requires all containment integrated leak rate (Type A) tests be conducted in accordance with the provisions of ANSI N45.4-1972.

ANSI N45.4-1972, paragraph 4.2, requires that periodic containment integrated leak rate tests (CILRT) shall be conducted before any preparatory repairs are made in order to disclose the normal state of repair (as-found condition) of the containment.

10CFR50, Appendix J, paragraph III.A.1 requires that in the event repairs and/or adjustments are made to the containment leakage barrier prior to the final CILRT, the change in leakage rate due to these repairs and/or adjustments shall be determined using local leak rate test (LLRT) methods and the overall integrated leakage determined from the LLRT and CILRT results.

Contrary to the above, during the Unit 2, June 1986 refueling outage, the licensee performed repairs or adjustments (preventive maintenance) on an estimated 50% of the containment isolation valves prior to the Type A test but failed to determine the change in leakage as a result of these repairs or adjustments to determine the as-found containment leak rate.

Response:

1. Admission or denial of the alleged violation:

   Duke Power denies the alleged violation. The basis of the violation states that the "as found" condition of the containment was not determined during Unit 2's ILRT. Although a systematic program of pretesting penetrations prior to maintenance was not implemented for Unit 2's ILRT outage, a post outage review of penetration maintenance was performed in order to evaluate the "as found" containment. This review, "Investigation of Containment Deviations from 'As Found' Conditions" will be submitted to the NRC as an addendum to the Unit 2 Reactor Containment Building Integrated Leak Rate Test report. Since this investigation addresses as found conditions, Duke Power's position is that the intent of the requirements have been met, and no violation occurred.

2. Reasons for alleged violation:

IE Information Notice 85-71 stated the NRC's position requiring "leakage savings" due to maintenance be quantified and used with ILRT data to calculate "as found" leakage. Duke responded to the Information Notice on March 11, 1986 with a different interpretation of Appendix J requirements.

The NRC's reply, restating and clarifying their original position, was received by Duke on April 14, 1986. At that point, Unit 2 was one month into the outage and a pretest program for all penetrations could not be implemented. Assessment of "as found" conditions was therefore performed by the post maintenance review already discussed.

3. Corrective steps which have been taken and the results achieved:

The evaluation of the "as-found" containment addressed in Item 1 above to determine the as-found containment leak rate is being performed. Preliminary results indicate that leak rate is within Technical Specification limits. The results of this evaluation will be finalized and submitted to the NRC by October 1, 1986.

4. Corrective steps which will be taken to avoid further violations:

In order to avoid possible future violations, a penetration leak rate pretest policy has been implemented for ILRT outages at McGuire. Unit 1 penetrations were tested prior to maintenance during the EOC-3 outage, in adherence with this policy.

5. Date when full compliance will be achieved:

McGuire Nuclear Station has maintained full compliance.