



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

July 31, 1996

Mr. T. C. McMeekin  
Vice President, McGuire Site  
Duke Power Company  
12700 Hagers Ferry Road  
Huntersville, North Carolina 28078

SUBJECT: CLOSEOUT FOR DUKE POWER COMPANY RESPONSE TO GENERIC LETTER 92-01, REVISION 1, SUPPLEMENT 1 FOR THE MCGUIRE NUCLEAR STATION, UNITS 1 AND 2 (TAC NOS. M92694 AND M92695)

Dear Mr. McMeekin:

On May 19, 1995, the NRC issued Generic Letter (GL) 92-01, Revision 1, Supplement 1 (GL 92-01, Rev. 1, Supp. 1), "Reactor Vessel Structural Integrity." In GL 92-01, Rev. 1, Supp. 1, the NRC requested that nuclear licensees perform a review of their reactor pressure vessel structural integrity assessments in order "to identify, collect, and report any new data pertinent to [the] analysis of [the] structural integrity of their reactor pressure vessels (RPVs) and to assess the impact of that data on their RPV integrity analyses relative to the requirements of Section 50.60 of Title 10 of the *Code of Federal Regulations* (10 CFR 50.60), 10 CFR 50.61, Appendices G and H to 10 CFR Part 50 (which encompass pressurized thermal shock (PTS) and upper shelf energy (USE) evaluations), and any potential impact on low temperature overpressure (LTOP) limits or pressure-temperature (P-T) limits."

More specifically, in GL 92-01, Rev. 1, Supp. 1, the NRC requested that addressees provide the following information in their responses:

- (1) a description of those actions taken or planned to locate all data relevant to the determination of RPV integrity, or an explanation of why the existing database is considered complete as previously submitted;
- (2) an assessment of any change in best-estimate chemistry based on consideration of all relevant data;
- (3) a determination of the need for the use of the ratio procedure in accordance with the established Position 2.1 of Regulatory Guide (RG) 1.99, Revision 2, for those licensees that use surveillance data to provide a basis for the RPV integrity evaluation; and
- (4) a written report providing any newly acquired data as specified above and (1) the results of any necessary revisions to the evaluations of RPV integrity in accordance with the requirements of 10 CFR 50.60, 10 CFR 50.61, Appendices G and H to 10 CFR Part 50, and any potential impact on the LTOP and P-T limits in the technical specifications, or (2) a certification that previously submitted evaluations remain valid.

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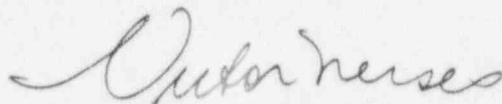
Revised evaluations and certifications were to include consideration of Position 2.1 of RG 1.99, Revision 2, as applicable, and any new data. The information in Reporting Item (1) was to be submitted within 90 days of the issuance of the GL. The information in Reporting Items (2) — (4) was to be submitted within 6 months of the issuance of the GL.

The NRC staff has noted that Duke Power Company submitted the information requested in Reporting Item (1) on August 6, 1995, and requested in Reporting Items (2) — (4) on November 16, 1995. Duke Power has provided new RPV data to the staff or has revised the RPV Data Sheets for the McGuire Nuclear Station. However, Duke Power has indicated in its submittal to GL 92-01, Revision 1, Supplement 1, that the revised data does not impact the LTOP and P-T Limits defined in the McGuire Technical Specifications or compliance with the PTS and USE regulations (10 CFR 50.61 and 10 CFR Part 50, Appendices G and H, respectively). Duke Power had therefore indicated that the previously submitted evaluations for the McGuire Nuclear Station remain valid.

Since Duke Power has provided the requested information, the staff is closing out TAC Nos. M92694 and M92695 in regard to the McGuire Nuclear Station. However, the staff will review the new RPV data at a later date. Furthermore, the staff has also noted that the Owners Groups' Reactor Vessel Working Groups activities to establish a comprehensive RPV information database could yield additional data relevant to your plant. These activities are expected to be completed by the summer of 1997. The staff will open a plant-specific TAC Number pending its review of the revised RPV data and any additional data that are provided as a result of the Owners Groups' activities. We request that you provide us with the results of the ongoing Owners Groups' RPV integrity programs relative to your plant.

Thank you for your cooperation.

Sincerely,



Victor Nerses, Senior Project Manager  
Project Directorate II-2  
Division of Reactor Projects - I/II  
Office of Nuclear Reactor Regulation

Docket Nos. 50-369 and 50-370

cc: See next page

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Sincerely,

Original signed by:

Victor Nerses, Senior Project Manager  
Project Directorate II-2  
Division of Reactor Projects - I/II  
Office of Nuclear Reactor Regulation

Docket Nos. 50-369 and 50-370

cc: See next page

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