

Docket
File



UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001
December 28, 1995

Mr. M. S. Tuckman
Senior Vice President
Nuclear Generation
Duke Power Company
P. O. Box 1000
Charlotte, NC 28201-1006

SUBJECT: SAFETY EVALUATION FOR REVISION 1 TO TOPICAL REPORT DPC-NE-3002,
"FSAR CHAPTER 15 SYSTEM TRANSIENT ANALYSIS METHODOLOGY" MCGUIRE
NUCLEAR STATION, UNITS 1 AND 2; AND CATAWBA NUCLEAR STATION, UNITS 1
AND 2 (TAC NOS. M89944, M89945, AND M89946)

Dear Mr. Tuckman:

By letter dated July 18, 1994, Duke Power Company (DPC or licensee) submitted DPC Topical Report DPC-NE-3002, Revision 1, "FSAR Chapter 15 System Transient Analysis Methodology," dated June 1994, for NRC review. The report describes changes to the DPC transient analysis methodology. These changes are due to: (1) steam generator replacement for the McGuire and Catawba stations, (2) methodology changes documented in DPC-NE-3000P, Revision 1, and (3) correction of typographical errors. In the original report, the steam generator tube rupture (SGTR) transient methodology was not included. However, it has since been approved and was included in this revision.

The staff finds DPC-NE-3002, Revision 1, to be acceptable for referencing in McGuire and Catawba licensing applications to the extent specified and under the limitations stated in DPC-NE-3002, Revision 1, and the associated NRC Safety Evaluation. The enclosed Safety Evaluation defines the basis for accepting this Topical Report. The staff was assisted in its review by International Technical Services (ITS) Inc. The ITS Technical Evaluation Report (TER ITS/NRC/95-5) is also enclosed.

When the Topical Report is referenced in a license application, the staff does not intend to repeat its review of the matters described in the Topical Report that were found acceptable, except to ensure that the material presented is applicable to the specific plant involved. Staff acceptance applies only to the matters described in the report.

In accordance with procedures established in NUREG-0390, DPC must publish accepted versions of this Topical Report. The accepted versions shall incorporate this letter and the enclosed Safety Evaluation between the title page and the abstract. The accepted versions shall include an -A (designating accepted) following the Topical Report identification symbol.

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Should NRC criteria or regulations change so that staff conclusions regarding the acceptability of the Topical Report are invalidated, DPC will be expected to revise and resubmit their documentation, or to submit justification for continued effective applicability of the Topical Report without revision of their documentation. This completes NRC actions for TAC Nos. M89944, M89945 and M89946.

Sincerely,

Original signed by:

Robert E. Martin, Senior Project Manager
Project Directorate II-2
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Docket Nos. 50-369, 50-370
50-413 and 50-414

Enclosures: 1. Safety Evaluation
2. Technical Evaluation Report ITS/NRC/95-5

cc w/encls: See next page

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DATE	12/28/95	12/28/95	12/28/95	

Should NRC criteria or regulations change so that staff conclusions regarding the acceptability of the Topical Report are invalidated, DPC will be expected to revise and resubmit their documentation, or to submit justification for continued effective applicability of the Topical Report without revision of their documentation. This completes NRC actions for TAC Nos. M89944, M89945 and M89946.

Sincerely,



Robert E. Martin, Senior Project Manager
Project Directorate II-2
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

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