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SUBJECT: Forwards request for review of Topical Rept WPPSS-FTS-131, Rev 1, "Applications Topical Rept For BWR Design & Analysis."

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Docket No. 50-397

January 27, 1993
G02-93-021

Docket No. 50-397
U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D.C. 20555

Gentlemen:

Subject: **NUCLEAR PLANT NO. 2, OPERATING LICENSE NPF-21 NOTIFICATION OF REQUEST FOR NRC REVIEW OF TOPICAL REPORT WPPSS-FTS-131, REVISION 1, "APPLICATIONS TOPICAL REPORT FOR BWR DESIGN AND ANALYSIS"**

Reference: Letter G02-91-170, dated September 19, 1991, G.C. Sorensen (SS) to NRC, "Notification of Request for NRC Review of Topical Report WPPSS-FTS-131, 'Applications Topical Report for BWR Design and Analysis'"

In the above reference, the Supply System requested NRC review and approval of Topical Report WPPSS-FTS-131, Rev. 0, "Applications Topical Report for BWR Design and Analysis." This letter serves to transmit revision 1 of the report. The revised document supersedes Revision 0 in entirety.

Changes were made in the methodology for determining the gap conductance and the loss of reactor feed water heating transient (LOFH). In response to the stability event at WNP-2 in August, a revision was made to the portion of the report that discusses stability analysis. The analyses presented in Revision 0 were for Cycle 4 and included only 8X8 fuel assembly designs. The analyses results presented in Revision 1 are for Cycle 8 and demonstrate the use of the Supply System methods for performing reload design and analyses for a mixed core consisting of 8X8 and 9X9-9X fuel assembly designs.

All changes made in Revision 1 are indicated by vertical lines in the margins. The changes within this revision are not extensive, but to avoid any confusion that may be caused by removing and replacing pages, a complete new report is being submitted. The revision bars will serve to identify specific changes to the reviewer.

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NOTIFICATION OF REQUEST FOR NRC REVIEW OF TOPICAL REPORT WPPSS-FTS-131, REVISION 1, "APPLICATIONS TOPICAL REPORT FOR BWR DESIGN AND ANALYSIS"

The Supply System is planning to implement core design and analyses to support the fuel load for Cycle 10, scheduled to begin operation in June 1994. To support this schedule, NRC approval will be necessary before July 1993.

If you have any questions or require additional information, please do not hesitate to contact us.

Sincerely,

GC Sorensen

G. C. Sorensen, Manager
Regulatory Programs (Mail Drop PE20)

MGE/bk

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