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SUBJECT: Provides clarification of 880307 application for amend re
 single loop operation.

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May 13, 1988
G02-88-116

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
REQUEST FOR AMENDMENT TO TECHNICAL SPECIFICATIONS
CLARIFICATION TO SINGLE-LOOP OPERATION

Reference: Letter, G02-88-053, GC Sorensen (SS) to NRC,
same subject, dated March 7, 1988

During the course of the Staff review of the referenced application, the Staff asked if the above-referenced application was not in conflict with 10 CFR 51.52, Paragraph (a)(3), in that this section of 10 CFR describes the assumptions used in a hypothetical analysis of fuel to be shipped from a licensed facility. One of the assumptions of this analysis is that any fuel batch to be shipped from the facility will have an average burnup of 33,000 MWD/MT or less. The WNP-2 Environmental Report accepted, as a part of its analysis, the assumptions and results of the analysis described in 10 CFR 51.52.

In the above-referenced application, the Supply System has requested, in part, that Figure 3.2.1-3, from the WNP-2 Technical Specifications, titled Maximum Average Planar Linear Heat Generation Rate (MAPLHGR) versus Bundle Average Exposure, be applied to both two-loop and single-loop operation. The Supply System has not requested any change to the previously approved MAPLHGR values presently contained in Figure 3.2.1-3. The Staff, in its review, has pointed out that this curve of MAPLHGR extends to a burnup of 35,000 MWD/MT and asks if this is not in contradiction to the previous Supply System commitment to the intent of 10 CFR 51.52.

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Page Two

REQUEST FOR AMENDMENT TO TS CLARIFICATION TO SINGLE-LOOP OPERATION

As currently designed and operated, the WNP-2 core meets the intent of 10 CFR 51.52, and we are not requesting any change to the requirements contained therein. While the extension of Figure 3.2.1-3 to 35,000 MDW/MT allows for the peak bundle burnup to reach that value, the discharged fuel will conform to the assumptions of 10 CFR 51.52.

Should you have any questions, please contact Mr. P. L. Powell, Manager, WNP-2 Licensing.

Very truly yours,


G. C. Sorensen, Manager
Regulatory Programs

WCW/bk

cc: JB Martin - NRC RV
NS Reynolds - BCP&R
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