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SUBJECT: Advises that util intends to utilize R-value of .13% delta
 K/K in Cycle 6 implementing procedures.

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June 20, 1990
G02-90-108
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
WNP-2 CYCLE 6 SHUTDOWN MARGIN REACTIVITY
DEFECT VALUE

- Reference: 1) Letter G02-90-075, GC Sorensen (SS) to NRC, "Modification to the WNP-2 Cycle 6 Reload Submittal and Response to NRC Bulletin No. 90-02: Loss of Thermal Margin Caused by Channel Box Bow", dated April 13, 1990.
- 2) ANFWP-90-0069, May 29, 1990, YU Fresk (ANF) to Supply System, "WNP-2 Cycle 6 Interim Startup and Operations Report".

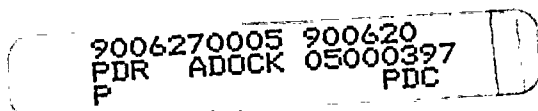
Attached to Reference 1) was the "WNP-2 Cycle 6 Reload Summary Report", Revision 1. On Page 25 of that report, Table 8.1 contains a Reactivity Defect/R-Value of 0.21 % delta K/K. This value was based on an assumed Cycle 5 energy of 225 effective full power days (EFPD). The WNP-2 Cycle 6 Interim Startup and Operations Report (Reference 2) gives an R-value of 0.13 % delta K/K. This value was calculated based on an actual Cycle 5 energy of 254 EFPD. This final R-value differs from the previously reported value of 0.21 % delta K/K because the actual end of Cycle 5 energy (254 EFPD) is greater than the projected end of Cycle 5 energy (225 EFPD) used in the bounding licensing analysis. At the present time, the Supply System intends to utilize the R-value of 0.13 % delta K/K in its Cycle 6 implementing procedures. Should the R-value change in the "final" Startup and Operations Report, that value shall be used instead.

Very truly yours,



G. C. Sorensen, Manager
Regulatory Programs

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