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 SORESEN, G.C. Washington Public Power Supply System *see Rpt*
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SUBJECT: Forwards WPPSS-FTS-129, "BWR Transient Analysis Model."

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June 20, 1990
G02-90-109

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-129, "BWR TRANSIENT ANALYSIS MODEL"

Reference: Letter dated March 29, 1990, from G. C. Sorensen (Supply System) to
NRC, Nuclear Plant No. 2, Operating License NPF-21 Notification of
Request for NRC Review of Topical Report WPPSS-FTS-127,
"Qualification of Core Physics Methods for BWR Design and
Analysis". Letter No. G02-90-061

The Supply System requests the Nuclear Regulatory Commission's review and approval of Topical Report WPPSS-FTS-129, Rev. 0, "BWR Transient Analysis Model". This report contains the description and qualification of a BWR transient analysis model based on RETRAN-02 computer code. The Supply System intends to use this model for core reload analysis and plant operational support.

As mentioned in the referenced letter, the Supply System's reload methodology is described in a series of three reports:

- 1) "Qualification of Core Physics methods for BWR Design and Analysis" (submitted on March 29, 1990)
- 2) "BWR Transient Analysis" (submitted by this letter)
- 3) "Applications of Steady State and Transient Analysis to Reload Licensing Evaluation" (to be submitted in January 1991)

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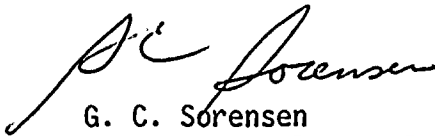
Page Two

NOTIFICATION OF REQUEST FOR NRC REVIEW
OF TOPICAL REPORT WPPSS-FTS-129

The models and methods described in these topical reports are intended to be used to design and analyze the WNP-2, Cycle 8 reload scheduled to begin operation in June of 1992.

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

Very truly yours,



G. C. Sorensen
Manager, Regulatory Programs

YYY:dw

Enclosure: BWR Transient Analysis Model (18 copies)

cc: JB Martin - NRC RV
NS Reynolds - BCP&R
RB Samworth - NRC
DL Williams - BPA/399
NRC Site Inspector - 901A

