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 SORENSEN, G.C. Washington Public Power Supply System
 RECIP.NAME RECIPIENT AFFILIATION
 Document Control Branch (Document Control Desk)

SUBJECT: Forwards graphic quality Figures 3.2.1-6, 3.2.3-1, 3.2.4-2 & 3.2.4-3, per request for addl info re 890303 application.

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WASHINGTON PUBLIC POWER SUPPLY SYSTEM

P.O. Box 968 • 3000 George Washington Way • Richland, Washington 99352

June 1, 1989
G02-89-102

Docket No. 50-397

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
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Washington, D.C. 20555

Gentlemen:

Subject: NUCLEAR PLANT NO. 2
OPERATING LICENSE NPF-21
REQUEST FOR AMENDMENT TO TECHNICAL SPECIFICATIONS
RELOAD LICENSE AMENDMENT (CYCLE 5), ADDITIONAL INFORMATION

Reference: 1) Letter, G02-89-029 & Enclosures, GC Sorensen to NRC,
same subject, dated March 3, 1989
2) Letter, G02-89-067, GC Sorensen to NRC, same subject,
dated April 20, 1989

Enclosed are graphic quality copies of the figures provided in Reference 1).
The specific figures are:

- o Figure 3.2.1-6 ANF 9X9-IX and 9X9-9X Reload Fuel Maximum
Average Planar Linear Heat Generation Rate
(MAPLHGR) Versus Bundle Average Exposure
- o Figure 3.2.3-1 Reduced Flow MCPR Operating Limit
- o Figure 3.2.4-2 ANF 9X9-IX Reload Fuel Linear Heat
Generation Rate (LHGR) Limit Versus
Average Planar Exposure
- o Figure 3.2.4-3 ANF 9X9-9X Reload Fuel Linear Heat
Generation Rate (LHGR) Limit Versus
Average Planar Exposure

The Reduced Flow MCPR Operating Limit curve (Figure 3.2.3-1 attached) contains two changes from that submitted in Reference 1). The first change is strictly administrative. The grid lines were reintroduced for consistency and a list of the points of intersection was added for clarity.

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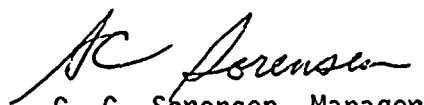
REQUEST FOR AMENDMENT TO TS RELOAD LICENSE AMENDMENT
(CYCLE 5), ADDITIONAL INFORMATION

The second change involves a very slight modification to the curve at the 50 percent flow rate point. The MCPR operating limit was increased from 1.44 as previously submitted in Reference 1) to 1.45. By making this change in the conservative direction, this one curve now envelopes the MCPR operating limit for both normal operation and FFTR mode of operation. A note has also been added to Figure 3.2.3-1 explaining that this figure is also applicable to FFTR operation when FFTR operation is approved for WNP-2. When this happens, this version of Figure 3.2.3-1 should remain in the Technical Specifications rather than being replaced by that version submitted with the FFTR application (G02-87-286 dated December 15, 1987).

A proposed version of Table 3.2.3-1, MCPR Operating Limits is also attached. In addition to the changes previously submitted in Reference 2) a note has been added to define the appropriate values of MCPR to be used for FFTR operation upon approval of that request (see above). The note reflects the values developed and justified by previous submittals.

The two changes discussed above regarding FFTR on Figure 3.2.3-1 and Table 3.2.3-1 have been submitted to facilitate the incorporation of FFTR into the Tech. Specs. when approved. The inclusion or non-inclusion of the note has no impact on the reload submittal, except to reduce the number of changes required.

Very truly yours,


G. C. Sorensen, Manager
Regulatory Programs

HLA/bk

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

STATE OF WASHINGTON)
COUNTY OF BENTON)

Subject: RECORD (CYCLES)
ADDITIONAL INFO.

I, G. C. Sorensen, being duly sworn, subscribe to and say that I am the Manager, Regulatory Programs, for the WASHINGTON PUBLIC POWER SUPPLY SYSTEM, the applicant herein; that I have full authority to execute this oath; that I have reviewed the foregoing; and that to the best of my knowledge, information and belief the statements made in it are true.

DATE 1 June, 1989

G. C. Sorensen
G. C. Sorensen, Manager
Regulatory Programs

On this day personally appeared before me G. C. Sorensen to me known to be the individual who executed the foregoing instrument and acknowledged that he signed the same as his free act and deed for the uses and purposes herein mentioned.

GIVEN under my hand and seal this 1st day of June 1989.

Rebecca Z. Robertson
Notary Public in and for the STATE
OF WASHINGTON

Residing at Richland, WA
My commission expires 7/14/91