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AUTH.NAME AUTHOR AFFILIATION
SORENSEN,G.C. Washington Public Power Supply System
RECIP.NAME RECIPIENT AFFILIATION
SCHWENCER,A. Licensing Branch 2

SUBJECT: Application for amend to License NPF-21,consisting of change to License Condition 16 incorporating requirements of Reg Guide 1.97,Rev 2 for flux monitoring following first refueling outage,Fee paid.

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Washington Public Power Supply System
P.O. Box 968 3000 George Washington Way Richland, Washington 99352 (509) 372-5000

January 11, 1985
G02-85-014

Docket No. 50-397

Director of Nuclear Reactor Regulation
Attention: Mr. A. Schwencer, Chief
Licensing Branch No. 2
Division of Licensing
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Schwencer:

Subject: NUCLEAR PLANT NO. 2
OPERATING LICENSE NPF-21, REQUEST FOR AMENDMENT TO LICENSE CONDITION 16, ATTACHMENT 2, ITEM 3(b)

Reference: Letter, G02-83-693, G. C. Sorensen (SS) to A. Schwencer (NRC), "Source Range Monitor Qualification Re: Regulatory Guide 1.97", dated August 3, 1983

The subject license condition requires the Supply System to implement (installation or upgrade) requirements of Regulatory Guide 1.97, Rev. 2 for flux monitoring prior to March 31, 1985. As indicated in the reference letter, due to the Source Range Monitor (SRM) vendor's inability to completely environmentally qualify this equipment on a generic basis, the Supply System advised the NRC of our intention to replace the existing SRM's prior to startup following the first refueling outage. The purpose of this letter is to request an amendment incorporating such a change.

Accordingly, in accordance with 10 CFR Parts 50.90 and 2.101, the Supply System hereby requests the subject license condition be amended as follows:

(b) "The Licensee shall implement (installation or upgrade) requirements of Regulatory Guide 1.97, Rev. 2 for flux monitoring prior to startup following the first refueling outage."

This change is being requested in order to allow the Supply System to complete our evaluation of the available alternatives, and to subsequently install the equipment that will provide the greatest assurance of continued safe operation of our plant on the most cost effective basis.

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REQUEST FOR AMENDMENT TO LICENSE CONDITION 16, ATTACHMENT 2, ITEM 3(b)

The Supply System has reviewed the requested amendment per 10 CFR 50.59 and 50.92 and has determined that no unreviewed safety question or no significant hazard will result. Further, the proposed change will not:

1) Involve a significant increase in the probability or consequences of an accident previously evaluated; or

2) Create the possibility of a new or different kind of accident from an accident previously evaluated; or

3) Involve a significant reduction in a margin of safety.

The significant hazards evaluation took into consideration the fact that under normal operating conditions the environmental qualification of the SRM's is not in question. The plant has a full range of flux monitoring capability with four (4) redundant channels. In the unlikely event of an accident condition prior to replacement, there are additional systems in place that would provide the Operations staff with sufficient data to assess reactor conditions (e.g., control rod position monitors, reactor vessel level and pressure monitors, etc.).

The Supply System has evaluated this request in accordance with the criteria in 10 CFR 170.21, and has included a warrant for one hundred fifty dollars ($150.00) as initial payment for this application for amendment under Facility Category A (Power Reactors).

In accordance with 10 CFR 50.91, the State of Washington has been provided a copy of this letter.

Should you have any questions in this matter, please contact Mr. P. L. Powell, Manager, WNP-2 Licensing. As you are aware, prompt attention to this amendment is necessary; continued operation of WNP-2 requires approval of this amendment no later than March 31, 1985.

Very truly yours,

GC Sorensen

G. C. Sorensen, Manager
Regulatory Programs

HLA/tmh

cc: R Auluck - NRC
WS Chin - BPA
N Lewis - EFSEC
JB Martin - NRC RV
AD Toth - NRC Site