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 FACIL: 50-397 WPPSS Nuclear Project, Unit 2, Washington Public Powe 05000397
 AUTH. NAME AUTHOR AFFILIATION
 SORESEN, G.C. Washington Public Power Supply System
 RECIP. NAME RECIPIENT AFFILIATION
 SCHWENCER, A. Licensing Branch 2

SUBJECT: Application for amend to License NPF-21, changing Tech Spec
 Tables 3.3.2-1, 3.3.2-2, 3.3.2-3 & 4.3.2.1-1 re isolation
 actuation instrumentation trip setpoints & allowable values.
 Fee paid.

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*W/check \$150⁰⁰
 #172893*



THE
UNITED STATES
DEPARTMENT OF
THE ARMY
WASHINGTON, D. C.

OFFICE OF THE
CHIEF OF STAFF
WASHINGTON, D. C.

MEMORANDUM FOR THE RECORD

SUBJECT: [Illegible]

1. [Illegible]

2. [Illegible]

3. [Illegible]

Washington Public Power Supply System

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

March 13, 1985
G02-85-133

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 TECHNICAL SPECIFICATIONS

In accordance with the Code of Federal Regulations (CFR), Title 10, Parts 50.90 and 2.101, the Supply System hereby requests an amendment to the Technical Specifications as follows:

- o Table 3.3.2-1, Isolation Actuation Instrumentation, pages 3/4 3-13 and 3/4 3-14.
- o Table 3.3.2-2, Isolation Actuation Instrumentation Setpoints, pages 3/4 3-16, -17 and -18.
- o Table 3.3.2-3, Isolation System Instrumentation Response Time, page 3/4 3-20.
- o Table 4.3.2.1-1, Isolation Actuation Instrumentation Surveillance Requirements, page 3/4 3-24.

The changes to the trip setpoints and allowable values are being made to reflect the most current analyses, which were performed, as much as possible, utilizing actual plant data instead of theoretical input. The calculational methods have also been refined, resulting in more reliable output.

An administrative change has also been made to the RHR System Shutdown Cooling Mode Isolation, changing the delta temperature-high to a temperature-high function to correct the type of temperature measurement and reflect actual plant conditions. This change also adds redundant temperature monitors, thus improving plant capability to detect leaks in the RHR heat exchanger areas. Since the Surveillance Program was initiated, the plant staff has performed the required surveillances on the basis of absolute temperature, with the results having been found to be acceptable.

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PDR ADOCK 05000397
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A. Schwencer

Page Two

March 13, 1985

REQUEST FOR AMENDMENT TO TECHNICAL SPECIFICATIONS

The Supply System has reviewed this change per 10 CFR 50.59 and determined that no unreviewed safety questions will result from this amendment.

The Supply System has reviewed this change per 10 CFR 50.92 and determined that it does not:

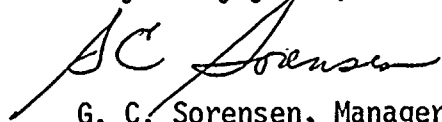
- 1) Involve a significant increase in the probability or consequences of an accident previously evaluated because the updated temperature setpoints are based on new analyses that include the effect of actual plant operating temperatures. The new values use the same leakage criteria, and do not alter the valve closure times, so accident consequences are not increased; or
- 2) Create the possibility of a new or different kind of accident than previously evaluated because this change introduces no new accident types nor changes any criteria; or
- 3) Involve a significant reduction in a margin of safety because the same criteria for allowable leakage prior to high temperature trip has been used, so the margin of safety has been maintained.

The Supply System has evaluated this request in accordance with the criteria contained 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.

Very truly yours,



G. C. Sorensen, Manager
Regulatory Programs

HLA/sis
Attachments

cc: R Auluck - NRC
WS Chin - BPA
E Revell - BPA
AD Toth - NRC Site
JB Martin - NRC RV
C Eschels - EFSEC



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WNP-2 - OL NPF-21
Request for Amendment
Technical Specifications

STATE OF WASHINGTON }
County of Benton)

Subject: _____

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 13 MARCH, 1985

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 acknowledge that he signed the same as his free act and deed for the uses and purposes therein mentioned.

GIVEN under my hand and seal this 13th day of March, 1985.

Kathryn H. DuBois
Notary Public in and for the
State of Washington

Residing at Richland, wa

March 1989

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