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ACCESSION NBR: 8504300425 DOC. DATE: 85/04/19 NOTARIZED: YES DOCKET #  
 FACIL: 50-397 WPPSS Nuclear Project, Unit 2, Washington Public Power 05000397  
 AUTH. NAME: SORENSEN, G.C. AUTHOR AFFILIATION: Washington Public Power Supply System  
 RECIP. NAME: SCHWENCER, A. RECIPIENT AFFILIATION: Licensing Branch 2

SUBJECT: Application for amend to License NPF-21, changing Tech Spec  
 Surveillance Requirement 4.6.1.7 to provide written  
 description of location of thermacouples used to determine  
 drywell average air temp. 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

April 19, 1985

G02-85-209

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 SPECIFICATION SURVEILLANCE REQUIREMENT 4.6.1.7

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. Specifically, the Supply System is requesting a change to Surveillance Requirement 4.6.1.7 (pg. 3/4 6-10, attached) which will provide a written description of the location(s) of the thermocouples (T/C's) used to determine the drywell average air temperature in lieu of the specific elevations/azimuths now contained in the Technical Specifications.

This change is being requested in order to provide the plant with some flexibility in actual detector (T/C) location for surveillance purposes, while still maintaining the original concept. This change will actually provide an improved temperature profile due to the elimination of the annulus temperature intrusion into the average.

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 this change represents a modification to the configuration of the detectors, not a change in their design; or

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A. Schwencer

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REQUEST FOR AMENDMENT TO TECH. SPEC. SURVEILLANCE REQUIREMENT 4.6.1.7

- 2) Create the possibility of a new or different kind of accident than previously evaluated because these devices are passive, providing no direct mitigation of an accident. Therefore, they could not create the potential for a different type of accident than previously identified in the FSAR; or
- 3) Involve a significant reduction in a margin of safety because the original intent of the LCO is being maintained. The actual sensors to be used for determining average air temperature is changing due to a design change to the drywell cooling system, while the number remains the same. The margin of safety is, therefore, also 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).

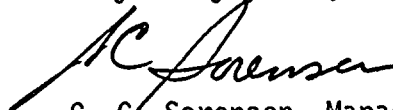
In accordance with 10 CFR 50.91, the State of Washington has been provided a copy of this letter.

This Technical Specification change has been reviewed and approved by the WNP-2 Plant Operations Committee (POC) and the Supply System Corporate Nuclear Safety Review Board (CNSRB).

The Supply System would like to implement this change prior to startup following the M-3 outage, or as soon as practicable thereafter. Therefore, we request that a target date of July 1, 1985 be established for final NRC disposition.

Should you have any questions, please contact Mr. P. L. Powell, Manager, WNP-2 Licensing.

Very truly yours,



G. C. Sorensen, Manager  
Regulatory Programs

HLA/tmh  
Attachments

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



STATE OF WASHINGTON )  
County of Benton )

WNP-2 OL NPF-21  
Request for Amendment  
to Tech. Specs.  
Subject: Surv. Req. 4.6.1.7

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 19 April, 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 19th day of April, 1985.

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

Residing at Richland, wa  
March 1989



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$\alpha_{\text{max}} = \frac{1}{2} \left( \frac{1}{\alpha_1} + \frac{1}{\alpha_2} \right)$

2014年 3月 17日 星期二 14:00:00

图 10 为 1978 年 12 月 10 日 14 时 00 分至 14 时 10 分, 在 1000 毫巴等压面上, 沿 110°E 经线, 从 10°N 至 20°N 的经向风场。图中显示, 在 10°N 附近, 有一个明显的正风异常, 其强度约为 10 m/s, 而在 15°N 附近, 有一个明显的负风异常, 其强度约为 -10 m/s。这些异常与图 9 中的异常有密切的关系。

