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AUTH.NAME AUTHOR AFFILIATION
SORENSEN,G.C. Washington Public Power Supply System
RECIP.NAME RECIPIENT AFFILIATION
BUTLER,W.R. Licensing Branch 2

SUBJECT: Application for amend to License NPF-21,revising Tech Specs to change min allowable voltage band on auto starting of Diesel Generators DG-1 & DG-2,making band consistent w/ output breaker closure permissive setpoint.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

May 22, 1985
G02-85-260

Docket No. 50-397

Director of Nuclear Reactor Regulation
Attention: Mr. W. R. Butler, 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 4.8.1.1.2, ELECTRICAL POWER SYSTEMS (A.C. SOURCES)

Reference: 1) Letter, G02-85-207, G. C. Sorensen (SS) to J. B. Martin (NRC, Region V), "NRC Enforcement Action EA 85-30", dated April 17, 1985

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 WNP-2 Technical Specifications. Specifically, the Supply System is requesting a change to Surveillance Requirement 4.8.1.1.2 (Pages 3/4 8-3, 8-5 and 8-6 attached) which changes the minimum allowable voltage band on auto starting of Diesel Generators DG-1 and DG-2 making it consistent with the output breaker closure permissive setpoint.

The technical specifications were developed to reflect appropriate system performance acceptance criteria. However, as presently stated, the WNP-2 Technical Specification potentially allows the establishment of a condition which could preclude operation of the Diesel Generators without additional operator action. Design of the Division 1 and 2 generator output breakers will not allow closure of the breaker until voltage is within 94% of rated voltage (3910 VAC). Current technical specifications state that voltage must be 4160 $\pm$ 420 VAC.

The 94% setpoint was established to ensure that the Diesel Generators will be able to accept the first load block during initial loading. From no load to full load (without operator action), the voltage will not fall below 80% of rated voltage. The new voltage range on starting should be 4160 $^{+420}_{-250}$ VAC for DG-1 and DG-2, and 4160 $\pm$ 420 VAC for DG-3.

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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 value is more conservative than the value presently in our technical specifications and therefore does not impact the accident analysis; or

2) Create the possibility of a new or different kind of accident than previously evaluated because this change only corrects the technical specification allowable voltage range for checking diesel generator voltage on an outstart or surveillance; or

3) Involve a significant reduction in a margin of safety because it will result in Surveillance Procedures which more closely parallel the design of the installed equipment and design basis.

On April 6, 1983, the NRC published guidance in the Federal Register (48 FR 14870) concerning examples of amendments that are not likely to involve significant hazards consideration. One such example (ii) involves a change ". . . that constitutes an additional limitation, restriction, or control not presently included in the technical specification: for example, a more stringent surveillance requirement." Accordingly, the proposed change to the technical specifications involves no significant hazards considerations.

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

Very truly yours,

for R B Glassmeier

G. C. Sorensen, Manager
Regulatory Programs

HLA/tmh
Attachments

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

Subject: WNP-2, OL NPF-21, Request for Amendment to Tech. Spec. Surveillance Requirement 4.8.1.1.2, Elec. Power Systems (A.C. Sources)

STATE OF WASHINGTON)
)
County of Benton)

I, R. B. GLASSCOCK, being duly sworn, subscribe to and say that I am the Director of Licensing and Assurance, 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 5/21/85, 1985

R. B. Glasscock
R. B. Glasscock, Director
Licensing and Assurance

On this day personally appeared before me R. B. GLASSCOCK 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 21st day of May, 1985.

S. R. Michaels
Notary Public in and for the
State of Washington

Residing at Richland, Wa.
Dec "85"