



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION V

1450 MARIA LANE
WALNUT CREEK, CALIFORNIA 94596-5368

SEP 23 1992

Docket No. 50-397

Washington Public Power Supply System
P.O. Box 968
Richland, Washington 99352

Attention: Mr. J. W. Baker
Plant Manager

Gentlemen:

Subject: REGION V WAIVER OF COMPLIANCE TO WASHINGTON NUCLEAR PROJECT NO. 2
TECHNICAL SPECIFICATION (TS) 3.8.1, "A.C. SOURCES"

This letter authorizes a temporary waiver of compliance for Facility Operating License No. NPF-21 to TS 3.8.1, "A.C. Sources", specifically the plant shutdown requirements of Action a of paragraph 3.8.1.1.

Region V has reviewed your request for the temporary waiver of compliance dated September 22, 1992. Action a of TS 3.8.1.1. requires that an inoperable emergency diesel generator (DG) be restored to an operable status within 72 hours or the plant be in hot shutdown within 12 hours. Additionally, Action a requires several surveillances be performed to establish the operability of other AC sources.

Your submittal stated that DG 1 was declared inoperable on September 20, 1992 at 1:47 a.m. when it was discovered that the DG could not carry full load and that the tandem diesel engines were not sharing the load equally. The submittal stated that the cause appeared to be a malfunctioning diesel engine governor.

Your submittal requested a 72 hour extension to the 72 hours (a total of 144 hours) allowed out of service time for an inoperable DG provided in Action a of paragraph 3.8.1.1. The submittal stated that the following compensatory measures would be in place:

- Maintenance and surveillance activities on Engineered Safety Features systems, and in particular the plant AC electrical systems, will be carefully controlled to reduce the risk or consequences of any plant centered loss of offsite power.
- There are controls in place on maintenance activities in the Ashe, Benton, and plant switchyards, to further reduce the possibility of a loss of offsite power.
- The Bonneville Power Administration was contacted and has provided assurance that the reliability of the grid is very high. No electrical or

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winter storms are predicted.

- A portable power supply has been staged near DG 1 with portable lights so that restoration activities may continue without interruption in the event of a loss of offsite power.
- The inoperable DG can be made available to carry emergency loads, if necessary, during the majority of the 144 hour outage time. Personnel assigned to the maintenance and testing activities will be available to take manual control of the DG if its operation is necessary.

In addition, your submittal stated that if it is determined that the installed matched governor pair can not be successfully adjusted, WNP-2 will be shutdown in order to replace the components. Additionally, if problems are identified during the maintenance or testing activities that will prevent the restoration of DG 1 within the allotted time, the plant will be shut down.

Your submittal concluded that the extension of the specified TS action statement did not involve a significant increase in the probability or consequences of an accident. The WNP-2 probabilistic risk assessment model was evaluated with DG 1 unavailable for an additional 72 hours. The core damage frequency was determined to increase 2.1% over a years time.

Region V, with NRR concurrence, has concluded that a temporary waiver of compliance from the shutdown requirements of Action a of TS 3.8.1.1 will not negatively impact public health and safety.. The surveillance requirements of Action a remain applicable.

This waiver begins at 1:47 a.m. on September 23, 1992. It expires when DG 1 is successfully repaired and compliance with TS 3.8.1.1 is restored, if the installed matched governor pair cannot be successfully adjusted, or if problems are identified that will prevent the restoration of DG 1 within the allotted time, but no later than 1:47 a.m. on September 26, 1992.

Sincerely,




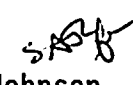
K. E. Perkins, Director
Division of Reactor Safety
and Projects

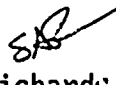
cc: A. L. Oxsen, Deputy Managing Director
J. V. Parrish, Assistant Managing Director for Operations
J. C. Gearhart, Director of Quality Assurance
A. G. Hosler, WNP-2 Licensing Manager
G. E. Doupe, Esq
Winston & Strawn
State of Washington


bcc: J. Martin, RV
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 Technical Assistant, DRP I/II, NRR


RV:jb


 KJohnston
 09/23/92


 PJohnson
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 KPerkins
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Per Emailnote 9/23/92

 MVirgilio, NRR
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