

**Washington Public Power Supply System**

P.O. Box 963 3000 George Washington Way Richland, Washington 99352 (509) 372-5000

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Nuclear Regulatory Commission  
Region V  
1450 Maria Lane, Suite 210  
Walnut Creek, California 94596

Attention: D.M. Sternberg, Chief  
Reactor Projects Branch No. 1

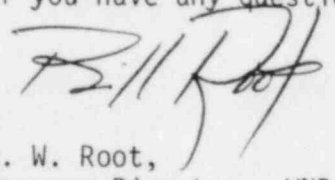
Subject: NUCLEAR PROJECT NO. 1  
DOCKET NO. 50-460  
10CFR50.55(e) REPORTABLE CONDITION  
EMERGENCY DIESEL FUEL OIL MOTORS

Reference: Telecon, T.J. Houchins, Supply System to John Elin,  
Region V, Nuclear Regulatory Commission, dated 1/20/83

In the above reference, the Supply System informed your office of a potentially reportable deficiency under 10CFR50.55(e) concerning the installation of the auxiliary fuel oil motor on each WNP-1 Emergency Diesel Generator.

Attachment A contains a description of the deficiency and the Project's actions being taken to correct the installation. Based on the WNP-1 construction delay, the required rework will not be completed until sometime after restart. A final report will be provided following completion of the rework.

If you have any questions or desire further information, please advise.

  
R. W. Root,  
Program Director - WNP-1/4 (821)

RWR:LCO:pp

Attachment

cc: V. Stello, NRC  
V. Mani, UE&C (897)  
JP Laspa, BPC (862)  
ORM (847)  
FDCC (899)

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## **ATTACHMENT A**

### **WNP-1**

DOCKET NO. 50-460

REPORTABLE CONDITION 10CFR50.55(e)  
EMERGENCY DIESEL FUEL OIL MOTORS

### **Background**

The Supply System purchased emergency diesel generators, two per plant, from Transamerica Delaval. A manufacturer's representative has been present to assist J.A. Jones, the site installation contractor, during much of the installation work.

During routine Preventive Maintenance at WNP-1, a maintenance engineer reported that the emergency diesel generator auxiliary fuel oil pump motor, which per drawing should be a 2 Hp 120V DC motor, actually was a 1 Hp 460V AC motor. This deficiency does not apply to WNP-4 as the installation of the piping/mechanical auxiliary equipment has not yet begun.

### **Description of the Deficiency**

The auxiliary fuel oil pump motor on each WNP-1 Emergency Diesel Generator, DFO-PMP-5B and DFO-PMP-6A has been installed and is ready for coupling alignment. The couplings have not been installed.

Per design the motors should be 2 Hp 120V DC motors; however, 1 Hp 460V AC motors were installed.

### **Safety Implications**

If the primary fuel oil pump to the Emergency Diesel Generator failed, the auxiliary fuel oil pump would not be able to supply adequate fuel to run the Emergency Diesel Generator set.

### **Corrective Action**

A nonconformance report has been written by Bechtel, the Construction Manager, to document the deficiency. A field change will be written to resolve the NCR and correct the installation condition. Actual rework will be completed after construction restart by an installation contractor.