

Attachment II
WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NUCLEAR PROJECT NO. 2
DOCKET NO. 50-397
LICENSE NO. CPPR-93
10CFR50.55(e) CONDITION #270
INDETERMINATE GRADE MATERIAL ON ECCS PUMPS

INTERIM REPORT

Description of the Deficiency

During the performance of a 100% review of the ECCS pumps (HPCS-P-1, LPCS-P-1, RHR-P-2B and 2C), it was discovered that some of the nuts on the coupling driven half were of an indeterminate grade (one on each pump) and some of the bolts on the head discharge plate to the motor connection were of the incorrect grade (one each on 3 pumps).

Safety Significance

Short term operation of the ECCS pumps has not been impaired. However, to determine the long term safety significance of the use of the indeterminate grade nuts and the wrong grade bolt on the ECCS pump would require an extensive evaluation to determine the grade of the nuts and then to analyze the effect of the substituted nuts and bolts on the long term operation of the ECCS pumps. Rather than performing this evaluation, the Project has determined this condition to be reportable under the provisions of 10CFR50.55(e) subsection iii.

Cause of the Deficiency

Failure to recognize the substitution of uncertified or wrong grade material during component assembly during manufacture, construction or maintenance activities could have an impact on the operation of safety related equipment.

Corrective Action

Due to the problems identified during the ECCS pump review, the Supply System Test and Startup organization will review the following pump groups for similar problems on the pump couplings.

- RCIC Pump and Waterleg Pump
- CRD Pumps
- Condensate Storage and Transfer Pumps
- Condensate Pumps
- Condensate Booster Pumps
- Standby Service Water Pumps
- Circulating Water Pumps
- TSW Pumps
- All Fire Protection Pumps
- Fuel Pool Cooling Pumps
- Reactor Water Cleanup Pumps
- Tower Makeup Pumps

The deficiencies identified on the ECCS pumps (unidentified material on installed nut and incorrect grade studs) are to be corrected by replacing the deficient material with the correct material. The correct nuts and studs have been ordered.

Action to Prevent Recurrence

The action to prevent recurrence will be determined upon completion of the above reviews.

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