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mail

SUBJECT: Final deficiency rept re installation of missile producing equipment in Class IE area. Protective barriers have been designed to prevent motor generator set flywheel failure from damaging adjacent Class IE equipment.

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TITLE: Construction Deficiency Report (10CFR50.55E)

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October 21, 1980
G02-80-227

Nuclear Regulatory Commission
Region V
Suite 202, Walnut Creek Plaza
1900 North California Blvd.
Walnut Creek, CA 94596

Attention: Mr. R. H. Engelken

Gentlemen:

Subject: WPPSS NUCLEAR PROJECT NO. 2
DOCKET NUMBER 50-397, CPPR-93
REPORTABLE DEFICIENCY - 10CFR50.55(e)

In accordance with the provisions of 10CFR50.55(e), your staff was informed by telephone on February 18, 1980, of a reportable condition regarding the installation of missile producing equipment (RPS MG Sets) in a Class 1E area. An interim report of this deficiency was transmitted to you by WNP-2 Docket letter G02-80-73, dated March 21, 1980.

Attached is our final report describing the deficiency and the corrective actions.

Very truly yours,

D L Renberger

D. L. RENBERGER
Assistant Director
Technology

DLR:GWB:cd

attachment

cc: JJ Verderber - B&R
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WPPSS NUCLEAR PROJECT NO. 2
REPORTABLE DEFICIENCY AND CORRECTIVE ACTION
FOR INSTALLATION OF MISSILE PRODUCING EQUIPMENT WITHIN CLASS 1E AREA
FINAL REPORT

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
DOCKET NO. 50-397
LICENSE NO. CPPR-93

Description of Deficiency

The potential missile producing non-safety-related RPS MG Sets are installed in a Class 1E area. This installation arrangement imposes a potential hazard to the safety-related equipment in the area.

Safety Significance

In the event of a flywheel failure, the lack of positive protection barriers between the RPS MG Set flywheels and the adjacent Class 1E equipment could result in the loss of or damage to safety-related equipment in the area. In this instance, assuming a single failure in one division, the alternate division could be disabled due to a missile generating failure of the RPS MG Sets.

Corrective Action

Protective barriers have been designed to prevent MG Set flywheel failure from damaging adjacent Class 1E equipment. The protective barriers consist of steel shrouds enclosing the flywheel area of each MG Set. The shrouds have the capability of containing a flywheel in the event of an MG Set structural failure. The shroud will be bolted to the adjacent wall for one MG Set and to a free-standing steel structure for the other MG Set.