

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8010280486 DOC. DATE: 80/10/21 NOTARIZED: NO DOCKET # 05000397
 FACIL: 50-397 WPPSS Nuclear Project, Unit 2, Washington Public Powe
 AUTH. NAME: RENBERGER, D.L. AUTHOR AFFILIATION: Washington Public Power Supply System
 RECIP. NAME: ENGELKEN, R.H. RECIPIENT AFFILIATION: Region 5, San Francisco, Office of the Director

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.

DISTRIBUTION CODE: B019S COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 2
 TITLE: Construction Deficiency Report (10CFR50.55E)

NOTES: PM: 2 copies of all material.

05000397

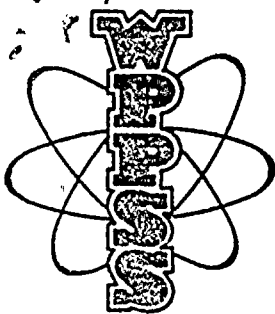
ACTION:	RECIPIENT		COPIES		RECIPIENT	COPIES		
	ID CODE/NAME		LTTR	ENCL		ID CODE/NAME	LTTR	ENCL
ACTION:	A/D LICENSNG	04	1	1	YOUNGBLOOD, B	05	1	1
	RUSHBROOK, M.	06	1	1	LYNCH, D.	07	1	1
INTERNAL:	AD/RCI/IE	17	1	1	AEOD	18	1	1
	ASLBP/J. HARD		1	1	D/DIR HUM FAC	15	1	1
	EDO & STAFF	19	1	1	EQUIP QUAL BR	11	1	1
	HYD/GEO BR	22	1	1	I&E	09	1	1
	LIC QUAL BR	12	1	1	MPA	20	1	1
	NRC PDR	02	1	1	OELD	21	1	1
	PRG/TEST REV	13	1	1	QA BR	14	1	1
	REG FILE	01	1	1	RUTHERFORD, W. IE		1	1
EXTERNAL:	STANDRDS DEV	21	1	1				
	ACRS	16	16	16	LPDR	03	1	1
	NSIC	08	1	1				

TOTAL NUMBER OF COPIES REQUIRED: LTTR 41 ENCL 41

OCT 29 1980

R

71



Washington Public Power Supply System
A JOINT OPERATING AGENCY

P. O. Box 968

3000 GEO. WASHINGTON WAY

RICHLAND, WASHINGTON 99352

PHONE (509) 375-5000

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
RC Root - B&R Site
GT Harper - B&R Site
V. Stello - NRC
B. Wood - NUS Corporation
ND Lewis - EFSEC, Olympia
JR Lewis - BPA
WNP-2 Files

8010280 486

5

Boia
3/1/

17-1

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.