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 AUTH. NAME AUTHOR AFFILIATION
 MATLOCK, R. Washington Public Power Supply System
 RECIP. NAME RECIPIENT AFFILIATION
 ENGELKEN, R.H. Region 5, San Francisco, Office of the Director

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SUBJECT: Interim deficiency rept re non-seismic Class 1 const &
 installation of control room cabinet for Digital Electro-
 Hydraulic turbine generator. Failure during seismic event
 could cause damage to safety-related equipment.

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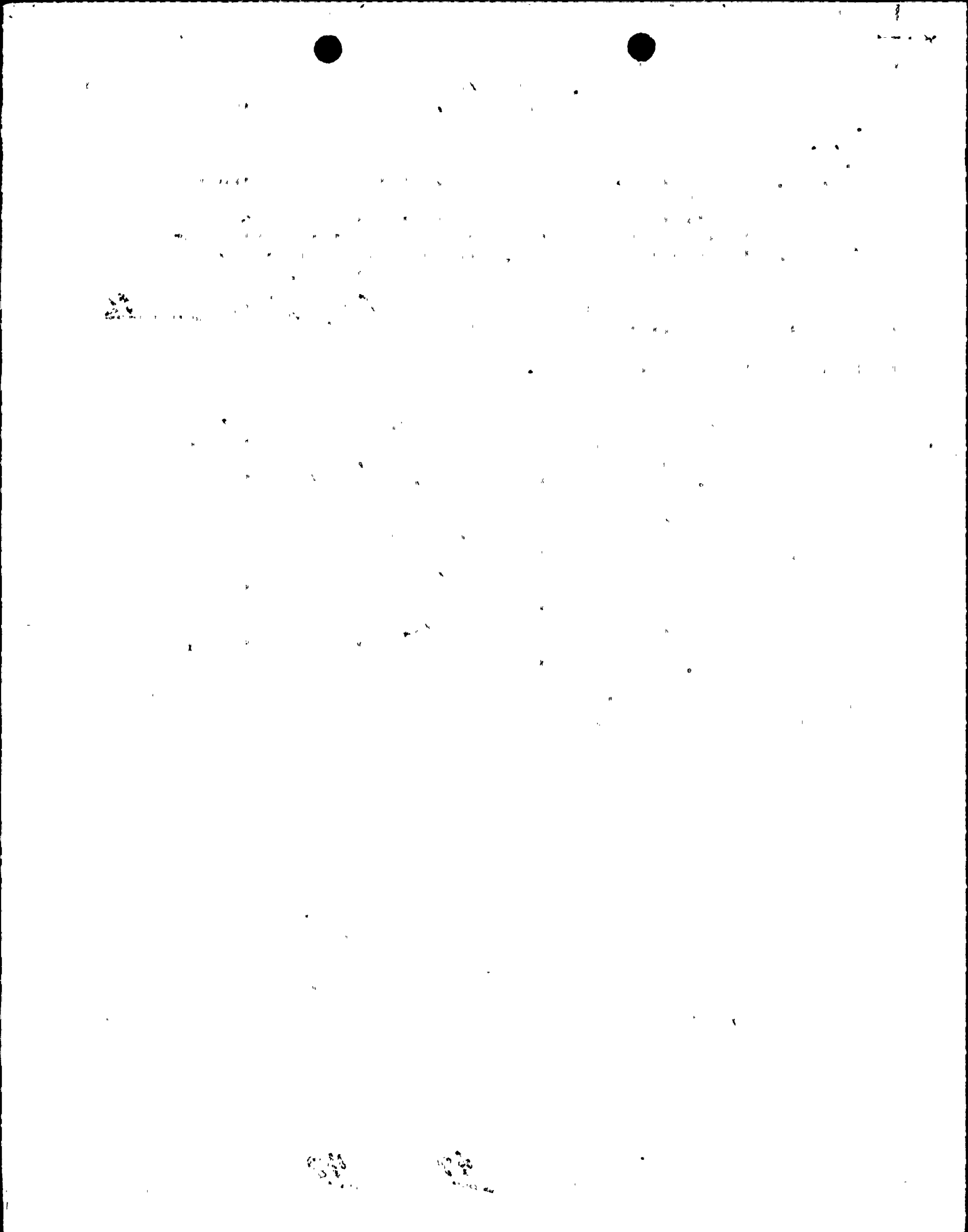
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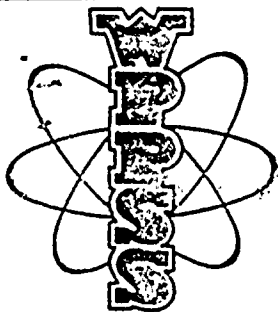
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Washington Public Power Supply System
A JOINT OPERATING AGENCY

P. O. Box 968 3000 GEO. WASHINGTON WAY RICHLAND, WASHINGTON 99352 PHONE (509) 375-5000

Nuclear Regulatory Commission
Region V
Suite 202, Walnut Creek Plaza
1990 North California Boulevard
Walnut Creek, California 94596

December 15, 1980
G02-80-289

Attention: Mr. R. H. Engelken, Director

Gentlemen:

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

In accordance with the provisions of 10CFR50.55(e), your staff was informed by telephone on November 14, 1980 of a reportable deficiency relative to the non-seismic Class I construction and installation of the Control Room cabinet housing the driving electronics for the Digital Electro-Hydraulic (DEH) turbine generator controls supplied by Westinghouse.

Attached is our interim report on this deficiency. A final report will be forwarded when suitable corrective actions have been identified.

Please contact us if you have any additional questions.

Very truly yours,

R.G. MATLOCK
WNP-2 Program Director

RGM:GWB:ir

Attachment

cc: JR Lewis - BPA
ND Lewis - EFSEC, Olympia
RE Snaith - B&R NY
V Stello - NRC
AD Toth - NRC
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WNP-2 Files

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WASHINGTON PUBLIC POWER SUPPLY SYSTEM
DOCKET NO. 50-397
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REPORTABLE DEFICIENCY AND CORRECTIVE ACTION
WPPSS NUCLEAR PROJECT NO. 2
NON-SEISMIC CLASS 1 DEH CABINET

Description of Deficiency

The Westinghouse Digital Electro-Hydraulic (DEH) cabinets housing the Main Turbine Generator control electronics have not been manufactured and installed to Seismic Class 1 requirements. This is in violation of the requirements of Regulatory Guide 1.29.

Safety Implications

During a seismic event the non-seismic design of the DEH cabinet could result in cabinet structure or mount failure. Failure could cause damage to safety-related equipment located in the Reactor Controls Bench Board mounted directly in front of the DEH cabinet. Damage to the safety-related equipment could result in the loss of ability to safely shutdown the plant. In addition, DEH cabinet failure may do bodily harm to Control Room personnel who may be in the immediate area.

Corrective Action

Studies are in process to determine a suitable method of restraining the DEH cabinet during a seismic event. A final report describing the specific plant modifications will be forwarded when studies are complete.

