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ACCESSION NBR: 8009300379 DOC. DATE: 80/09/26 NOTARIZED: NO DOCKET #
 FACIL: 50-397 WPPSS Nuclear Project, Unit 2, Washington Public Powe 05000397
 AUTH. NAME AUTHOR AFFILIATION
 RENBERGER, D.L. Washington Public Power Supply System
 RECIP. NAME RECIPIENT AFFILIATION
 ENGELKEN, R.H. Region 5, San Francisco, Office of the Director

SUBJECT: Deficiency rept re lack of installation documentation for
 Class IE cables in main control room raceways. Evaluation
 revealed inadequate insp criteria & QA program for
 installation of electrical cables. Procedures being revised.

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

NOTES: PM: 2 copies of all material.

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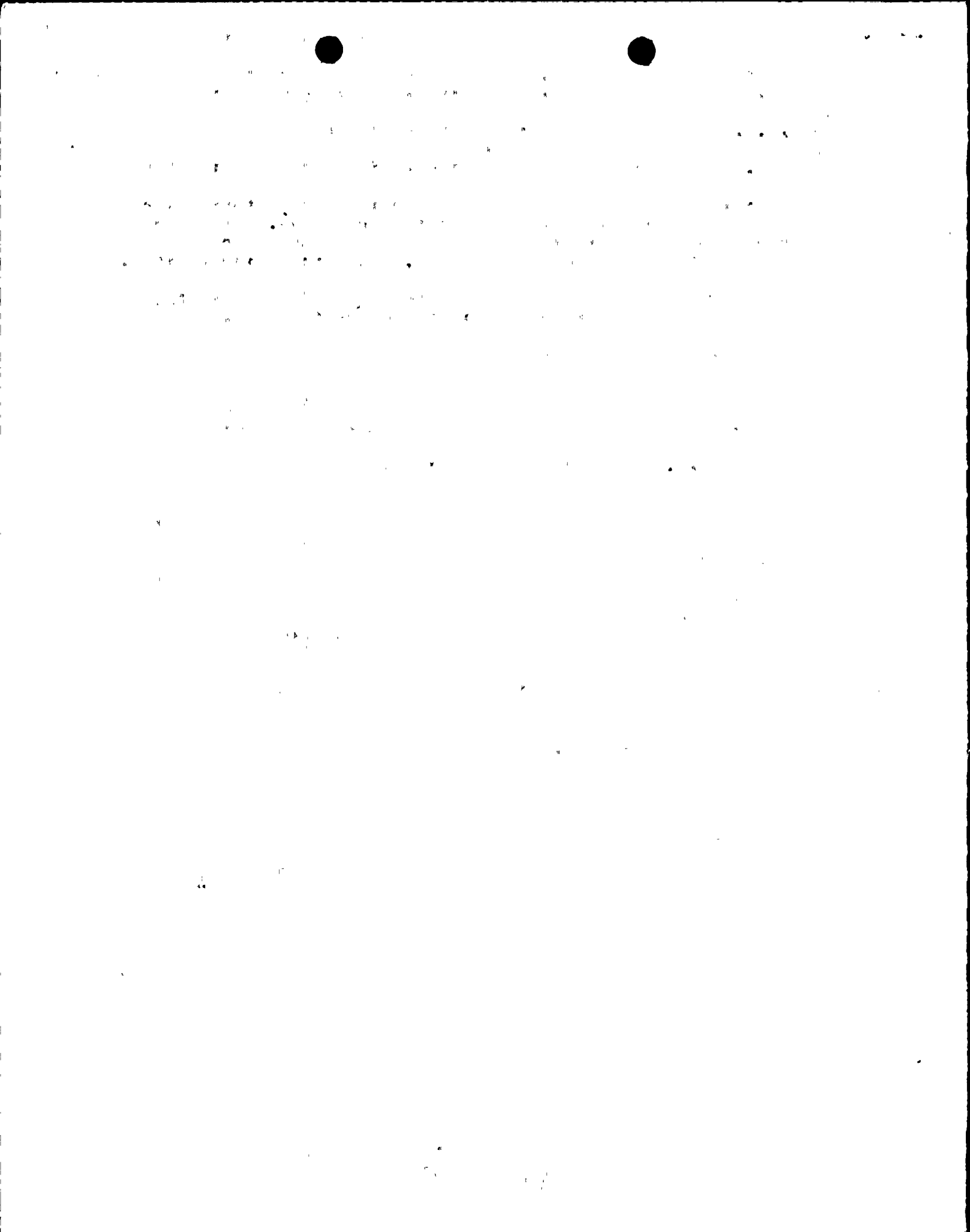
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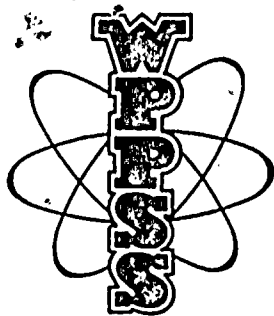
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Washington Public Power Supply System
A JOINT OPERATING AGENCY

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September 26, 1980
G02-80-212

Docket No. 50-397

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

Attention: Mr. R. H. Engelken, Director

Gentlemen:

Subject: WPPSS NUCLEAR PROJECT NO. 2
DOCKET NO. 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 September 5, 1980 of a reportable deficiency relative to the lack of initial installation (routing and termination verification) documentation for Class 1E cables routed within the Main Control Room under-floor raceways.

Attached is our report on this deficiency.

Please contact us if you have additional questions.

Very truly yours,

D. L. Renberger
D. L. RENBERGER
Assistant Director,
Technology

DLR:GWB:cd

attachment

cc w/att: JR Lewis - BPA
RE Snaith - B&R
JJ Verderber - B&R
V. Stello - NRC
AD Toth - NRC
B. Wood - NUS Corporation
ND Lewis - EFSEC, Olympia
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WASHINGTON PUBLIC POWER SUPPLY SYSTEM
DOCKET NO. 50-397
LICENSE NO. CPPR-93

REPORTABLE DEFICIENCY AND CORRECTIVE ACTION

WPPSS NUCLEAR PROJECT NO. 2

LACK OF INSTALLATION DOCUMENTATION FOR
CLASS 1E CABLES IN THE MAIN CONTROL ROOM RACEWAYS

DESCRIPTION OF DEFICIENCY

The documentation verifying the installation of safety related cables in the Power Generation Control Complex (PGCC) floor ducts (main control room under floor raceways) is incomplete rendering the PGCC cable routing summaries invalid.

The PGCC was supplied by General Electric Company and installed by the electrical contractor; the balance of plant portion of the PGCC was designed by Burns and Roe, Inc. It has been determined that: 1) there is no definitive inspection criteria; 2) changes to the QA records are not traceable in some cases; and 3) routing sheets used to install the cables do not match the QA record document for approximately 20% of the cables.

SAFETY IMPLICATIONS

Documentation of the exact routing of safety related cables within floor ducts is necessary for system design verification. Valid documentation is required to provide an accurate assessment of compliance to the electrical separation criteria.

CORRECTIVE ACTION

Project Engineering Directive (PED) No. 218-E2679 has been issued revising the electrical contractor's procedures to provide accurate documentation for all future control room cable routing and termination.

PED No. 218-E-3064 provides a 100% reinspection and documentation of existing cable routing and termination.