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

SUBJECT: Interim deficiency report re inadequate layup after hydrostatic test, initially reported on 801222. Physical exam & ultrasonic tests will be made to determine if corrosion encroached upon min wall thickness.

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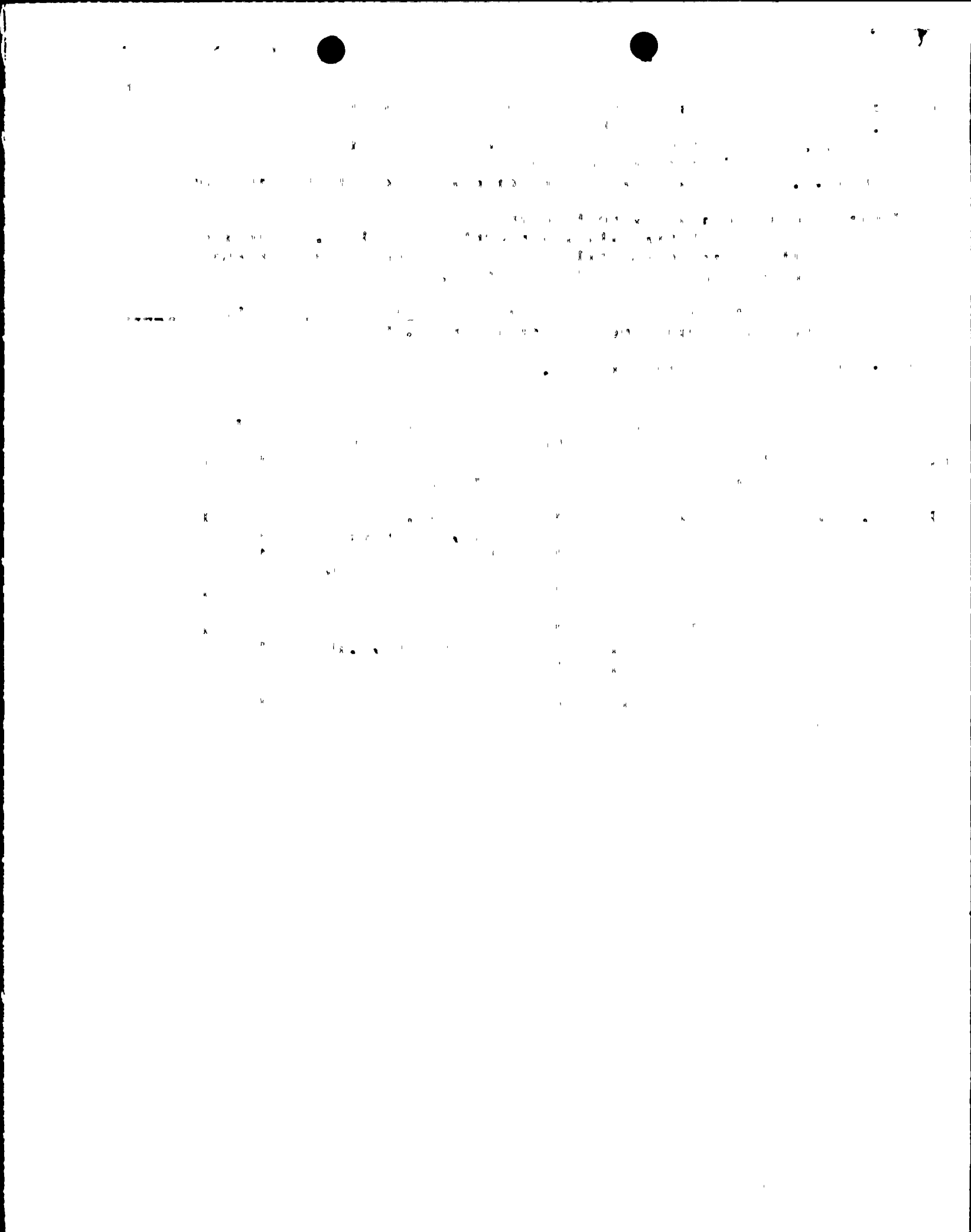
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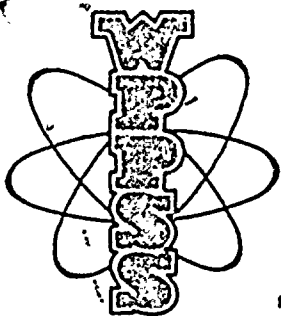
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Washington Public Power Supply System  
A JOINT OPERATING AGENCY

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January 23, 1981  
G02-81-15

Docket No. 50-397  
CPPR - 93

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

Attention: Mr. R. H. Engelken, Director

Gentlemen:

Subject: WPPSS Nuclear Project No. 2  
Potentially Reportable Condition - 10CFR50.55(e)  
Inadequate Layup After Hydrostatic Test

In accordance with guidelines established for the reporting of 10CFR50.55(e) conditions, your staff was informed on December 22, 1980, of a potentially reportable condition regarding inadequate layup of piping following hydrostatic testing. Attached is our interim report describing the deficiency and our approach to the resolution of this item. A final or interim report will be submitted by August 1, 1981.

Please contact us if you have additional questions.

Very truly yours,

*R. G. Matlock*  
R. G. Matlock  
Program Director, WNP2

RGM:PTM:cph  
attachment

cc w/att: JJ Verderber - Burns & Roe  
V. Stello - NRC  
AD Toth - NRC Resident Inspector  
B. Wood - NUS/LIS  
WS Chin - Bonneville Power Admin.  
WNP-2 Files

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WASHINGTON PUBLIC POWER SUPPLY SYSTEM

DOCKET NO. 50-397

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INTERIM REPORT

POTENTIALLY REPORTABLE CONDITION

INADEQUATE LAYUP AFTER

HYDROSTATIC TEST

Statement of Problem: The large bore piping contractor has no definitive requirements for the prevention of corrosion in piping and components after hydrotesting. In two systems, specifically Low Pressure Core Spray (LPCS) and Standby Service Water (SW), which contain Quality Class I components and piping, water has been allowed to stand in the piping without any layup requirements. It is apparent that corrosion does exist but to what extent has not yet been determined.

These systems serve safety related functions for safe shutdown of the plant. Their failure to perform during extreme environmental or seismic events could result in loss of ability to safely shut down the plant following a Design Basis Accident.

Proposed Approach to Resolution: A test program is being developed which will investigate portions of LPCS and SW systems which appear or are most likely to have the most severe corrosion. A physical examination and ultrasonic tests will be made to several portions to determine if corrosion has encroached upon the minimum wall thickness. Only after these examinations have been made will it be possible to conclude if this condition is a reportable deficiency under the requirements of 10FR50.55(e).

A final or interim report will be submitted by August 1, 1981. The completion of our evaluation is predicated on the release of the construction hold on Quality Class I piping.

