50.55(e) Report

Docket No. 50-397

Washington Public Power Supply System

P.O. Box 968 3000 George Washington Way Richland, Washington 99352 (509) 372-5000.

September 1, 1981 G02-81-0262 Docket No. 50-397 Mr. R. H. Engelken U. S. Nuclear Regulatory Commission Region V Suite 202, Walnut Creek Plaza 1990 North California Boulevard Walnut Creek, California 945

Dear Mr. Engelken:

Subject: SUPPLY SYSTEM NUCLEAR PROJECT NO. 2 REPORTABLE DEFICIENCY - 10CFR50.55(e) #146 POTENTIALLY REPORTABLE CONDITION ON SOIL BACKFILL, COMPACTION AND TESTING

Your office was informed by telephone on March 20, 1981 of a potentially reportable condition concerning soil backfill documentation. We submitted an interim report on this condition on April 22, 1981, letter #G02-81-0083.

Attached is our updated report on this condition. We will provide another report by December 15, 1981.

If you have any questions, please contact R. T. Johnson at (509) 377-2501 extension 2712.

Very truly yours,

R. 6. Matlock Program Director, WNP-2

RGM/SLN/kh

Attachment: 1. Updated Report

cc: WS Chin, BPA A Forrest, HAPO G Hudak, B&R Site ND Lewis, NRC TA Mangelsdorf, Bechtel WNP-2 Files RE Snaith, B&R NY V Stello, NRC AD Toth, NRC Resident Inspector, WNF-2 J Plunkett, NRC

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WASHINGTON PUBLIC POWER SUPPLY SYSTEM

Docket No. 50-397 License No. CPPR-93

Soil Jackfill (WNP-2-PR-146)

UPDATED REPORT

Description of Deficiency

Soil testing for Class I backfill may have been performed incorrectly. There appears to be a lack of documentation regarding the backfill.

Approach to Resolution of the Deficiency

Intensive efforts have been expended to locate records defining Class I backfill areas backfilled after May 1976. An alternate approach requiring more comprehensive testing is being prepared in case these areas cannot be identified. A testing program will be undertaken to determine in-situ densities in those areas defined by the documentation search. The testing program will utilize indirect determination of density by standard penetration testing (ASTM-D-1586) and by penetrometer testing. When the fill is not accessible, the standard penetration testing will be used and where the fill is not accessible, the standard penetration testing will be used. All the testing results will be correlated to known density values in pre-selected fill tast sections.

Status of Proposed Resolution

- Some information has been received from the 215 Contractor. This
 information is being evaluated.
- Maps exist indicating areas where Class I fill is located.
- The 210 and 218 contractors have been requested to provide data on Quality Class I backfill areas and personal contact is being maintained to expedite the retrieval.
- The engineer will proceed with implementation of a test program on September 15, 1981 with all information available at that time.

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Reason for Dolay of Final Report

Response from only one contractor has been received. Responses from the 218 contractor (F/L) and the 210 contractor (PKS) are still pending.

Projected Completion of Corrective Action and Submittal of Update or Final Report

A final report or update will be provided by December 15, 1981.