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 FACIL: 50-397 WPPSS Nuclear Project, Unit 2, Washington Public Powe 05000397
 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: Closeout deficiency rept on potential reportable item re
 verification of base metal thickness after repairs. No
 adverse effect on safe plant operation noted. Condition
 determined not reportable per 10CFR50.55e.

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 TITLE: Construction Deficiency Report (10CFR50.55E)

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Washington Public Power Supply System

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

May 18, 1981
G02-81-0106

Docket No. 50-397, CPPR-93

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

Attention: Mr. R. H. Engelken, Director

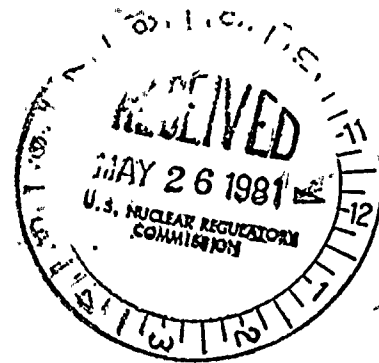
Gentlemen:

Subject: SUPPLY SYSTEM NUCLEAR PROJECT NO. 2
POTENTIALLY REPORTABLE DEFICIENCY - 10CFR50.55(e)
NON-DOCUMENTED REPAIRS, CONTRACT 213A

Reference: Letter No. G02-80-300, R. G. Matlock, WPPSS,
to R. H. Engelken, NRC, dated December 15, 1980.

The Reference letter transmitted a preliminary report describing a potentially reportable deficiency involving verification of base metal thickness following repairs. The method of verification used by the contractor consisted of a visual check using a straight edge laid across the repaired surface to verify that any reduction in base metal thickness resulting from the repair was within an allowable tolerance. This method was used only on flat or single curvature surfaces. Double curvature surfaces were ultrasonically examined. The initial concern involving use of the visual check was that if the area being examined was already less than nominal thickness due to mill tolerances in the manufacturing process, then a visual check which permitted an additional reduction in thickness could result in a net pipe wall or plate thickness less than that required by design.

The purpose of this letter is to close out this item and advise you that we have concluded that this item is not a reportable deficiency under the terms of 10CFR50.55(e). For the affected wetwell piping, design pressures are such that the minimum wall thicknesses required by design provide ample margin for combined reductions due to both manufacturing tolerances and grinding for repairs and removal of temporary attachments. Based on evaluations made by the organizations responsible for design of items utilizing flat plates, ample margin also exists for such localized combined reductions in plate thickness.



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RH Engelken
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G02-81-106

In summary, no deficiencies were found, or are postulated, which could have adversely affected the safety of plant operations as a result of the finding reported to you in the Reference.

Very truly yours,


R. G. Matlock
Program Director, WNP-2

RGM:EAF:kjf

cc: JJ Verderber - BuPns & Roe
RE Snaith - Burns & Roe
RC Root - Burns & Roe, Site
JE Richardson - Burns & Roe, Site
TA Mangelsdorf - Bechtel, Site
~~V. Stello - NRC~~
AD Toth - NRC Resident Inspector
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