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RENBERGER,D.L. Washington Public Power Supply System
RECIP.NAME RECIPIENT AFFILIATION
YOUNGBLOOD,B.J. Licensing Branch 1

MA/2

SUBJECT: Forwards "Engineering Evaluation of Unit 2 Sacrificial Shield Wall." See Report

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Washington Public Power Supply System
A JOINT OPERATING AGENCY

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August 1, 1980
G02-80-167

Docket No. 50-397

Director, Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Attention: Mr. B. J. Youngblood, Chief
Licensing Branch No. 1
Division of Licensing

Dear Mr. Youngblood:

Subject: WPPSS Nuclear Project No. 2
Engineering Evaluation of the
Sacrificial Shield Wall

Reference: (1) WPPSS to NRC letter, "NRR Approval of WNP-2 Sacrificial Shield Wall Weld Preparation", G02-80-95, April 25, 1980.

(2) WPPSS to NRC letter, same subject as (1), G02-80-131, June 20, 1980.

(3) Memorandum from RH Engelken, Director, Region V, to HD Thornburg, Director of Reactor Construction Inspection, IE, "WNP-2 Sacrificial Shield Wall, Pipe Whip Restraints, and Related Structures", dated December 6, 1979.

The NRC's Office of Inspection and Enforcement has, based on our understanding, requested approval from NRR of the WPPSS corrective action plan for replacement of the slot welds on the Sacrificial Shield Wall (SSW) by a circumferential, partial penetration weld. References (1) and (2) provided information on the weld replacement to NRR. This letter transmits to you thirty (30) copies of the topical report, "Engineering Evaluation of the WNP-2 Sacrificial Shield Wall".

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This report, References 1 and 2, and clarifications to be made at the forthcoming meeting, will provide sufficient information to NRR on the WNP-2 docket to accomplish the following:

- o Obtain NRR approval of the proposed replacement weld, and
- o Update previous licensing documents on the loads and design of the SSW to document the technical adequacy of the as-built condition of the SSW.

This report also provides WPPSS responses to the itemized concerns generated by I and E Region V (Reference 3) on the SSW. As such, this report is considered by WPPSS to be a comprehensive document, which in conjunction with identified actions in the report closes the technical aspects of the SSW issue on WNP-2 and will be referenced in the FSAR.

It is WPPSS intent to request, at the August 6, Bethesda meeting, technical release from NRR by August 15, 1980, for the limited scope of the slot weld substitution on the basis of past submittals, and clarifications in the presentation and attached report. The enclosed report with References 1 and 2 provides background information.

Very truly yours,

D L Renberger

D. L. Renberger
Assistant Director
Technology

DLR:OKE/DCT:asm

Enclosure: Engineering Evaluation
Report on Sac Shield Wall (30)

cc: V Stello, NRC
RH Engelken, NRC
ND Lewis, EFSEC, Olympia
JR Lewis, BPA
JJ Verderber, B&R - New York
RC Root, B&R Site
GT Harper, B&R Site
WNP-2 Files
AD Toth - NRC, Region V

STATE OF WASHINGTON)
) ss
COUNTY OF BENTON)

D. L. RENBERGER, Being first duly sworn, deposes and says: That he is the Assistant Director, Technology, for the WASHINGTON PUBLIC POWER SUPPLY SYSTEM, the applicant herein; that he is authorized to submit the foregoing on behalf of said applicant; that he has read the foregoing and knows the contents thereof; and believes the same to be true to the best of his knowledge.

DATED July 31, 1980

D L Renberger
D. L. RENBERGER

On this day personally appeared before me D. L. RENBERGER to me known to be the individual who executed the foregoing instrument and acknowledged that he signed the same as his free act and deed for the uses and purposes therein mentioned.

GIVEN under my hand and seal this 31 day of July, 1980

Gloria Dampi
Notary Public in and for the State of Washington
Residing at Kennewick.