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THIS LETTER SATISFIES COMMITMENT NO. 312

THIS LETTER (DOES) () (NOT) ESTABLISH A NEW COMMITMENT.

WPPSS CORRESPONDENCE NO. 133

G02-80-183
August 20, 1980

Docket No. 50-397

Mr. R. H. Engelken, Director
NRC Region V
Suite 202, Walnut Creek Plaza
1990 N. California Boulevard
Walnut Creek, California 94596

Dear Mr. Engelken:

Subject: WPPSS Nuclear Project No. 2
Sacrificial Shield Wall (SSW)
Corrective Action Plan

Reference: Letter, DL Renberger to RH Engelken, same subject, G02-80-168,
dated August 1, 1980

The reference transmitted to you and the Office of Inspection and Enforcement (I&E) a report on the subject corrective action plan. The report in conjunction with the meeting held at the offices of NRR on August 6, 1980, was intended to form the basis for NRR approval of the proposed replacement weld and to provide an opportunity to resolve I&E concerns/questions on the overall evaluation of the SSW. In the meeting several items were identified which required a formal reply in order to close the issues associated with the SSW. Specifically,

- o Clarify the original intent of the dimensional tolerances associated with the fabrication of the SSW,
- o Provide the as-built dimensional information associated with the out-of-roundness and verticality of the SSW adjacent to the 541'-5" elevation,
- o Provide the design margin of the original plug weld design,
- o Provide an assessment of the secondary stresses of the proposed partial penetration weld due to its eccentricity,
- o Discuss the leachability of lead from the selected shield material and provide the results of the various qualification tests, and
- o Provide the rationale for leaving known defects in the SSW.

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TO: DC Timmins <i>DC Timmins</i> 8/15/80	FOR SIGNATURE OF: DL Renberger <i>DL Renberger</i>
SECTION	
FOR APPROVAL OF	AN Kuiler RT Johnson WC Bibb ME Witherspoon
APPROVED	<i>AN Kuiler</i> <i>RT Johnson</i> <i>WC Bibb</i> <i>ME Witherspoon</i>
DATE	8/19/80 8/19/80 8/19/80 8/19/80

G02-80-183
August 20, 1980

Each of the above items is discussed in an enclosure to this letter, a supplement to the original report entitled "Engineering Evaluation of the WNP-2 Sacrificial Shield Wall", submitted with the reference.

It is our understanding that resolution to the first four (4) items will close the technical issues being reviewed by NRR on the proposed replacement weld. Additionally, resolution of the latter two (2) items will close the concerns that I&E, including NRC Region V, has on the overall evaluation of the SSW. The NRR concerns were discussed informally on August 15, 1980, with the responsible Structural Engineering Branch reviewer. We believe that these concerns are now resolved, and as such, NRR may concur with the proposed replacement weld.

The time elapsed in our efforts to resolve concerns on the SSW has resulted in the replacement weld and drywell work becoming critical path to Project completion. We must begin work on these items as soon as possible to have any opportunity to regain our schedule or avoid further schedule slippage, refer to enclosure 2.

In consideration of the above, we request that the Office of Inspection and Enforcement expedite the technical release by NRR on the replacement weld and subsequently remove the construction hold on this repair at the earliest possible time in conjunction with the work startup agreements made between the Supply System and NRC Region V.

Based on the anticipated schedule of construction activities for the SSW, we request that the construction hold on the SSW in general be removed by October 3, 1980.

Very truly yours,

D. L. Renberger

D. L. Renberger
Assistant Director
Technology

DLR:DCT:rrm

Enclosures: (2 each) as noted

cc: V. Stello, NRC (w/att. -2)
ND Lewis, EFSEC, Olympia
JR Lewis, BPA
JJ Verderber, B&R - New York - w/att
RC Root, B&R - Site
WNP-2 File w/att
AD Toth, NRC, Region V

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