

Washington Public Power Supply System

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REGION V IRE

November 5, 1982
G01-82-0758

Mr. R. H. Faulkenberry
Nuclear Regulatory Commission
Region V
1450 Maria Lane, Suite 210
Walnut Creek, California 94596

Subject: SUPPLY SYSTEM NUCLEAR PROJECTS NOS 1 AND 4
DOCKET NOS. 50-460 AND 50-513
REPORTABLE CONDITION 10CFR50.55(e)
INDUCED NEUTRON FLUX ERROR - STATUS REPORT

- Reference:
- 1) Telecon, TJ Houchins, Supply System to DF Kirsch, Region V, NRC dated November 13, 1980
 - 2) Letter, DW Mazur, Supply System to RH Engelken, NRC same subject, dated December 12, 1980
 - 3) Letter, DW Mazur, Supply System to RH Faulkenberry, NRC, same subject, dated July 28, 1981
 - 4) Letter DW Mazur, Supply System to RH Faulkenberry, NRC, same subject, dated December 28, 1981
 - 5) Letter RW Root, Supply System to RH Faulkenberry, NRC, same subject, dated April 27, 1982

In reference 1) the Supply System reported the existence of a reportable condition to your office under the provisions of 10CFR50.55(e). References 2), 3), 4) and 5) were interim status reports on the subject condition. The concern is related to errors in the measurement of core neutron flux during certain postulated accidents. The status of the resolution of this concern to date is as follows.

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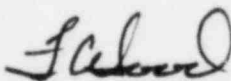
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STATUS

In our last status report, the Project had reported a decision to implement a hardware change to provide an alternate measurement of core power. This decision had been based mainly on the need for a timely resolution of our reported condition. However, due to the applicability of a parallel effort that has been proceeding since our initial reporting, and because of revised circumstances for interfacing a resolution with the plant's construction schedule, we have re-evaluated our original decision and have determined to allow Babcock & Wilcox to proceed with an analytical solution program. A further evaluation will then be performed by the Supply System to assess the acceptability of the analytical program results.

Since the implementation schedules have not been developed, and since our construction progress is being delayed, the Project will continue to track this as an open item and will provide you with an update upon restart of construction.

If you have any questions or desire further information, please advise.

for 
R. W. Root
Acting Program Director (821)

cc: JP Laspa, Bechtel (861)
V. Mani, UE&C (897)
V. Stello, Director of Inspection, NRC
A. Toth, NRC