

Washington Public Power Supply System

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September 1, 1981
G02-81-0261

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 94596

Dear Mr. Engelken:

Subject: SUPPLY SYSTEM NUCLEAR PROJECT NO. 2
REPORTABLE DEFICIENCY - 10CFR50.55(e) #89
POTENTIALLY REPORTABLE CONDITION ON SPECIAL
DOORS AND HATCHES

Your office was advised of a potentially reportable condition concerning special doors and hatches installed on November 14, 1980. An interim report was issued on December 15, 1980, letter #G02-80-0292.

We include an updated report on this condition and will provide another report by November 15, 1981.

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

Very truly yours,

R.G. Matlock
R. G. Matlock
Program Director, WNP-2

RGM/SLN/kh

Attachment:
1. Updated Report

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



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WASHINGTON PUBLIC POWER SUPPLY SYSTEM

DOCKET NO. 50-397
LICENSE NO. CPPR-93

SPECIAL DOORS AND HATCHES

UPDATED REPORT

Potential Problem

Numerous nonconformances have been identified relative to Quality Class I special doors and hatches, which involve materials, fabrication, testing and documentation. These doors include water tight doors in the basement of the reactor building; airtight doors and hatches in the reactor and control building; and blast doors in the reactor and control building.

Failure of the doors and hatches to perform their intended function could adversely affect the safe shutdown and the control of radioactive releases during a design basis accident condition.

A question exists as to whether the doors and hatches would have failed in service if the indicated conditions had gone undetected.

NRC Region V was notified of the potential deficiency, by telephone on November 14, 1980.

Approach to Resolution of the Problem

Evaluate all deficiencies for a particular door, hatch or sets of doors to determine if the deficiencies would have led to inservice failures. The evaluations will include non-destructive examinations of the hardware in conjunction with an engineering review of the vendors design calculations.

Issue direction for correction of all deficiencies as required to meet design criteria.

Status of Proposed Resolution

The Engineering and Quality Assurance organizations of the WNP-2 Architect/Engineer have been working with the affected Contractor since March 1980 to identify, provide technical resolution, and close out deficiencies associated with the various types of special doors and hatches. A Management Corrective Action Request was transmitted to the Contractor on October 27, 1980, documenting delays and requesting timely resolution.

- Response to the Corrective Action Request has not been adequate.
- A combined team has surveyed the hardware problems with the doors presently located on the site. The report of this team is scheduled for presentation by September 1, 1981.
- An Inspection Report is being written on each door identifying the hardware problems.
- Rayproof (the door manufacturer) has submitted procedures for inspection, repair/rework and QA to PKS for approval.
- Software for some of the doors has been submitted to Bechtel for review. This review is in progress.

Reason for Delay of Final Report

Additional time is required to identify and evaluate all deficiencies.

Projected Submittal of Update Report

An update report will be submitted by November 15, 1981.