

Washington Public Power Supply System

P.O. Box 968 3000 George Washington Way Richland, Washington 99352 (509) 372-5000
Docket No. 50-397

September 8, 1983
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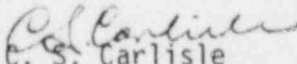
Mr. J. B. Martin
Regional Administrator
U.S. Nuclear Regulatory Commission
Region V
1450 Maria Lane, Suite 210
Walnut Creek, California 94596

Subject: NUCLEAR PROJECT NO. 2
10CFR50.55(e) CONDITION #251, LIMITORQUE MOTOR OPERATORS
WITH MOTORS FROM BALDOR ELECTRIC COMPANY

Reference: Telecon QA2-83-059, dated April 22, 1983, L.C. Floyd to
R. Dodds.

In accordance with the provisions of 10CFR50.55(e), your office was in-
formed by telephone, of the above subject conditions. Attachment I pro-
vides the Project's final report on Condition #251.

If you have any questions, contact Roger Johnson, WNP-2 Project QA Manager,
at (509) 377-2501, extension 2712.


C. S. Carlisle
Program Director, WNP-2

LCF/kd

Attachment: As stated

cc: W.S. Chin, BPA
N.D. Lewis, EFSEC
A. Toth, NRC Resident Inspector
Document Control Desk, NRC

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NUCLEAR PROJECT NO. 2
DOCKET NO. 50-397
LICENSE NO. CPPR-93
10CFR50.55(e) CONDITION #251
LIMITORQUE MOTOR OPERATORS WITH
MOTORS FROM BALDOR ELECTRIC COMPANY

FINAL REPORT

Description of Deficiency

Motor operated valves were received from the manufacturer with unqualified motors by Baldor Electric Company. Condition was discovered after valves were installed during equipment qualification group walkdown to obtain nameplate data on March 24, 1983. The valves involved are SW-MO-187A, -187B, -188A, and -188B.

Safety Significance

Valves SW-MO-187A and B and SW-MO-188A and B are Service Water System (SW) isolation valves at the interface with the Reactor Closed Cooling Water System (RRC) to provide an alternate cooling water source for the fuel pool cooling heat exchangers FPC-HX-1A and 1B. The valves will allow utilization of the Seismic Class I service water system for FPC cooling in the event of an earthquake. Operation of the valves is not required for normal plant operations, but only under emergency conditions. The unqualified motors would have the potential for jeopardizing corrective action to meet emergency conditions and the deficiency is, therefore, considered reportable.

Cause for the Deficiency

Error on the part of the manufacturer in that Limitorque supplied motor operators to WNP-2 with motors that were not qualified to IEEE 382 - 1972.

Corrective Action

The manufacturer, Limitorque, has been made aware that the motors were improperly supplied and is to replace the existing motors with units qualified to IEEE-382-1972 meeting requirements of NUREG-0588 Category II. Startup Deficiency Reports (SDR) #8308, 8309, 8310, and 8312 have been issued to identify the deficient condition. The new qualified motors have been received from the manufacturer, but the physical replacement of the motors has been deferred until no later than the first refueling outage. This decision is based on the 4 service water valves identified are part of the fuel pool cooling modification, which has been deferred.

Action to Prevent Recurrence

The vendor has primary responsibility for assuring that components supplied correlate with the qualification records submitted to substantiate their suitability for the service designated.

The Supply System Equipment Qualification Program represents a complete review of safety-related equipment relative to environmental and seismic qualification. This program assures that components are qualified for their design service conditions and will preclude unqualified components in completed plant installations, unless justified by specific evaluation, such as the J10.