

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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TEXT (If more space is required, use additional NRC Form 388A's) (17)

Plant Conditions

- a) Reactor Power - 40%
- b) Plant Mode - 1

Event

At 2225 hours on 10/20/84 with reactor pressure at 950 PSIG, a pressure change was initiated as part of a Power Ascension Test. The setpoint change was from 950 PSIG to 945 PSIG. However, when 945 was set, the "4" digit did not enter into the setpoint, with the result that 95 became the new low setpoint. This omission of the digit "4" was unnoticed by the operator, who then proceeded to initiate the pressure change by depressing the "GO" pushbutton.

Consequently the turbine bypass valves opened fully to meet the new pressure setpoint, thereby decreasing reactor pressure rapidly to less than 83 PSIG, which initiated closure of MSIV's and the resultant Scram.

Immediate Corrective Action

A manual Scram Recovery was performed by Plant operators.

Further Corrective Action

The Operations Manager and Shift Manager reviewed the incident with the operator involved. The necessity of verifying inputs to the DEH controller prior to initiating turbine control changes, was stressed to all control room operators.

Additional tests of the DEH pressure controller found no fault in the area of the digital input and/or display. Poor visibility of the DEH display was judged as a contributing factor in this event.

For interim corrective action a Maintenance Work Request (MWR) has been issued to minimize glare and improve visibility by installing light shields around the digital displays on DEH Control Panel.

To complete the corrective action, a Plant Modification Record is being initiated to change out the present digital display with a LED type which will give much better visibility and clarity.

Safety Significance

This event did not compromise the health and safety of the public. The 831 PSIG setpoint is a feature which was included in the Plant design to anticipate pressure and flux transients following MSIV closure and thereby ensure Reactor vessel pressure and fuel thermal/hydraulic safety limits are not compromised. All systems functioned as designed to shut down the Reactor.

Washington Public Power Supply System

P.O. Box 3000 George Washington Way Richland, Washington 99352 (509) 372-5000

Docket No. 50-397

November 8, 1984

Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Subject: NUCLEAR PLANT NO. 2
LICENSEE EVENT REPORT NO. 84-112

Dear Sir:

Transmitted herewith is Licensee Event Report No. 84-112 for WNP-2 Plant. This report is submitted in response to the report requirements of 10CFR50.73 and discusses the item of reportability, corrective action taken, and action taken to preclude recurrence.

This is the follow-up report to the verbal notification given at 2330 hours on October 20, 1984.

Very truly yours,

JM Powers for

J. D. Martin (M/D 927M)
WNP-2 Plant Manager

JDM:mm

Enclosure:
Licensee Event Report No. 84-112

cc: Mr. John B. Martin, NRC - Region V
Mr. A. D. Toth, NRC - Site (901A)
Ms. Dottie Sherman, ANI
INPO Records Center - Atlanta, GA

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