

May 8, 1989

* PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE -- PNO-IV-89-32

This preliminary notification constitutes EARLY notice of events of POSSIBLE safety or public interest significance. The information is as initially received without verification or evaluation, and is basically all that is known by the Region IV staff on this date.

FACILITY: Omaha Public Power District
Fort Calhoun Station
Docket: 50-285

Licensee Emergency Classification:
☐ Notification of Unusual Event
☐ Alert
☐ Site Area Emergency
☐ General Emergency
☒ Not Applicable

SUBJECT: UNPLANNED SHUTDOWN IN EXCESS OF 48 HOURS

On May 6, 1989, the licensee commenced a shutdown of the Fort Calhoun Station to Mode 4 (cold shutdown) due to a leak into containment from a main feedwater check valve (FW-162) located inside containment.

During a routine tour of containment during plant startup from a minioutage (overspeed test of the main turbine), an operator noted that Valve FW-162 was leaking to containment.

Valve FW-162 has two pins installed inside the valve. One pin is used as a hinge pin for the check valve discs and the other pin is used as a stop pin to limit the travel of the discs in the open direction. Each pin is held in place by plugs that are threaded into the valve body. The threaded plug for the hinge pin was leaking and producing a steam/water plume approximately 2 feet long. No accurate estimate of the leakage rate is available. Based on the size and location of the leaks, the licensee opted to place the plant in cold shutdown to repair the valve pin plug.

At 6:20 p.m. (CDT) on May 7, 1989, the plant entered Mode 4. The current plant conditions are: RCS temperature - 175°F and RCS pressure - 180 psig. In addition to repairing Valve FW-162, the licensee currently plans to perform the following items during this shutdown:

- (1) Repair a body-to-bonnet leak on the main turbine stop valve (SV-1).
- (2) Repair oil leak on Reactor Coolant Pump RC-3D.
- (3) Inspect RCP RC-3B for oil leaks.
- (4) Check the main condensor for circulating water leaks.

The licensee currently plans to return the plant to Mode 1 (power operations) on May 11, 1989.

On May 6, 1989, the licensee was contacted by the Omaha World-Herald because a reporter had information that the plant was shutting down. The HQ Duty Officer was informed of the shutdown by the licensee because of the potential press interest. The licensee explained the reasons for the shutdown to the reporter. No other media contacts have been received by the licensee.

D:DRP
LJCallan
5/8/89

RA
RDMartin
5/8/89

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PDR I&E
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IE 34
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Neither the licensee nor the NRC plans to issue a press release.

The state of Nebraska will be informed.

Region IV received notification of this occurrence from the HQ duty officer at 10:55 p.m. on May 6, 1989.

Region IV has informed the NRR Project Manager, Regional State Liaison Officer, the EDO's office and Public Affairs.

This information has been confirmed with a licensee representative.

CONTACT: T. F. Westerman (FTS 728-8145)

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