

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE--PNO-V-85-69

Date: 10/08/85

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

FACILITY: Arizona Nuclear Power Project Emergency Classification
Palo Verde Unit 1 Notification of Unusual Event
Docket Nos. 50-528; Alert
 Site Area Emergency
 General Emergency
 Not Applicable

SUBJECT: SWITCHYARD ELECTRICAL DISTRIBUTION MALFUNCTION (PNO-V-85-68 UPDATE)

Following the October 3 loss of normal electric power the licensee initiated an investigation to determine the cause of the opening of the normal feeder breakers to the 13.8 KV busses (S05 and S06), located in the plant switchyard. Troubleshooting identified several problems associated with the plant multiplexer, which provides control and indication of the above breakers from the Control Room. On October 8 at 7:58 PM, with the plant in Hot Standby, a repeat loss of normal electric power was experienced shortly after replacing a microprocessor card in the Local Multiplexer Terminal. A reactor trip occurred (shutdown banks were withdrawn before the trip) following the loss of reactor coolant pumps. The diesel generators started and supplied the essential busses. An Unusual Event was declared at 8:03 PM, and was terminated at 8:44 PM following restoration of forced circulation and stable plant conditions. The licensee is currently proceeding with a design change to hard-wire control for the S05 and S06 normal and alternate feeder breakers in lieu of the existing multiplexer system. In the interim, the multiplexer has been disconnected from the trip coil for the S05 and S06 normal feeder breakers and alternate feeder breakers. The Resident Inspector responded to the October 8 event and continues to monitor the licensee activities including restart criteria. The licensee notified local media upon declaration of the Unusual Event.

This information is current as of 2:00 PM (MST) October 8, 1985.

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DISTRIBUTION

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