

October 30, 1984

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE PNO-II-84-79

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 II staff on this date.

FACILITY: Virginia Electric & Power Company
Surry Unit 2
Docket No. 50-281
Surry, Virginia

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

SUBJECT: SHUTDOWN GREATER THAN 48 HOURS

Surry Unit 2, which was operating at 100 percent power, tripped at 3:50 p.m. (EST) on October 29 as the result of a low-low level in one of the three steam generators. This condition resulted after a reactor coolant pump and a main feedwater pump both tripped because of an apparent procedural error during tests of electrical busses.

During the trip, it was noted that one control rod was slow to insert. The licensee is evaluating several scenarios for this situation, including the rod being stuck at 30 steps out for three minutes or being slow for the last 30 steps.

When an effort was subsequently made to restart the reactor coolant pump, it developed vibrations and seal leakage of about one gallon per minute.

The plant is now being cooled down to permit repairs to the reactor coolant pump, to investigate the subject control rod, and to carry out snubber inspections which had been scheduled for early December. The unit is expected to be out of service for about a week. Surry Unit 1 is shut down for refueling.

Media interest has not occurred. Neither the licensee nor Region II plans a news release.

The Commonwealth of Virginia has been informed.

This information is current as of 2 p.m. today.

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