

June 18, 1986

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE PNO-II-86-42

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  
☐ Not Applicable

SUBJECT: UNSCHEDULED SHUTDOWN LONGER THAN 48 HOURS

Virginia Power has taken Surry Unit 2 out of service to repair a leaking expansion joint on a recirculation spray subsystem heat exchanger return line and to perform other maintenance. A two-week outage is expected.

Workmen found the leak of about one gallon per minute during a containment entry at 7:32 p.m. (EDT) on June 16 while the unit was at 100 percent power. (The affected line is part of the service water system, which is not contaminated.) The leak was isolated, disabling one of two recirculation spray subsystems inside containment. Two outside recirculation spray subsystems and the containment spray subsystem were unaffected.

After determining that the leak could not be repaired within 72 hours, Virginia Power declared an unusual event at 9:55 a.m. yesterday and began shutting down the unit, in accordance with technical specifications. The unusual event was ended at 6:28 p.m. when the unit was manually scrammed.

Surry Unit 1 is shut down for refueling.

Virginia Power has responded to media inquiries.

The Commonwealth of Virginia has been informed.

This information is current as of 11 a.m. today.

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