

June 2, 1994

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE PNO-II-94-028

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 Power Co.
North Anna 2
Richmond, Virginia
Dockets: 50-339

Licensee Emergency Classification

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

Subject: REACTOR COOLANT PUMP SEAL INJECTION LINE LEAK

On June 1, 1994, North Anna Unit 2 operators observed an increased containment sump pumping rate and level perturbations in the volume control tank. An initial entry into containment revealed a leak in the vicinity of the B reactor coolant pump main flange where the seal injection line enters the seal package. The exact location could not be determined. After discussions with the pump supplier and with an unidentified reactor coolant leakage rate of approximately 0.7 gpm, the licensee elected to initiate a reactor shutdown at 2:54 pm. With the unit in Mode 3 (Hot Standby), a subsequent containment entry determined the leakage was pressure boundary leakage originating at the welded joint where the seal injection line connects with the reactor coolant pump seal package. In accordance with their emergency plan, a NOUE was declared at 9:21 pm. Mode 5 (Cold Shutdown) was achieved and the NOUE was terminated at 9:43 am, June 2, 1994.

The licensee estimates that unit restart will not be before June 7, 1994.

The resident inspectors were onsite and monitored the licensee's actions. Routine followup will be by the resident inspectors.

The Commonwealth of Virginia was notified. The licensee does not plan to issue a press release.

The NRC received initial notification of this event by telephone from the licensee at 10:01 pm on June 1, 1994.

This information is current as of 10:00 am on July 2, 1994.

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