

October 24, 1985

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE PNO-II-85-100

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
North Anna Unit 1
Docket No. 50-338
Mineral, Virginia

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

SUBJECT: LOSS OF COOLING WATER TO REACTOR COOLANT PUMP MOTOR

At 3:30 a.m. (EDT) today, the 480-volt circuit breaker--or associated components--for one of the unit's battery room exhaust ventilation fans failed, damaging other components in the breaker cubicle as well as the bus bar to which the breaker was connected. This failure caused the trip of another breaker, one in the circuit feeding power to the entire motor control center where the damaged cubicle was located. Among components which were de-energized were the battery chargers for two of four instrument busses and the solenoid valves in the cooling water system for all three reactor coolant pump motors.

Operators at 3:45 a.m. began a gradual shutdown of the plant--which was operating at 100 percent power--and declared an unusual event. They manually tripped the reactor and turbine at 3:50 a.m. and stopped the reactor coolant pumps at 3:52 a.m., maintaining the unit in hot standby by natural circulation. Subsequently, cooling water was restored to one reactor coolant pump motor, making it possible to restart the pump at 6:45 a.m. By 7:54 a.m., the damaged bus bar components had been replaced, and power had been restored to the motor control center. The unusual event was ended at 9:02 a.m.

Region II is monitoring Virginia Power's follow-up analysis of this incident and is keeping the Offices of Inspection and Enforcement and Nuclear Reactor Regulation advised. Region II also has informed the Commonwealth of Virginia.

North Anna Unit 2 is operating at 100 percent power.

Virginia Power is prepared to respond to media inquiries.

The licensee informed the NRC headquarters incident response center of this occurrence by telephone at 4:08 a.m. today.

This information is current as of 1 p.m.

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PDR I&E
PNO-II-85-100 PDR

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EDO	NRR	IE	NMSS	ADM:DMB
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ELD				
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Regions: I - 3:22 III - 3:25 IV - 3:32 V - 3:39
 Licensee: 3:05
 (Reactor Licensees)
 Applicable Resident Site 3:02

DMB

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