

November 13, 1996

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE PNO-II-96-081

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 Region II staff in Atlanta, Georgia on this date.

Facility

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

Licensee Emergency Classification

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

Subject: NORTH ANNA UNIT 2 REACTOR TRIP AND SHUTDOWN IN EXCESS OF
72 HOURS

On November 12, 1996, at 8:54 a.m., North Anna Unit 2 experienced a turbine generator/reactor trip from 100 percent power. All safety-related systems responded as expected except for an intermediate range nuclear instrument that was later determined to be out of calibration (overcompensated) and one individual rod position indicator also required calibration. One moisture separator reheat stop valve failed to close as expected due to a controller bypass lever being slightly misaligned.

Investigation into the cause of the turbine generator trip revealed a ground fault on the main generator stator phase A windings. The cause of the fault has not been determined. The licensee preliminarily estimates that at least five days will be required to effect repairs. The unit is presently in Mode 3 and cooldown options are being evaluated.

The NRC resident inspectors responded to the control room to review licensee activities associated with the reactor trip. Additional followup will be performed by the resident inspectors as part of the routine inspection program.

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

This information is correct as of 8:00 a.m. (EST) on November 13, 1996.

Contact: G. A. Belisle
(404) 331-4196

9611130398 961113
PDR I&E
PNO-II-96-081 PDR

1234
0/1