

January 29, 1993

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE PNO-II-93-003

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

Tennessee Valley Authority
Sequoyah 2
Soddy-Daisy, Tennessee
Dockets: 50-328

Licensee Emergency Classification

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

Subject: POWER REDUCTION/FORCED OUTAGE GREATER THAN 72-HOURS

On January 28, 1993, at approximately 12:00 p.m., Sequoyah, Unit 2 commenced a power reduction due to identified steam leakage on the 2A2 Moisture Separator Reheater low pressure drain tank operating vent line. The leak was not isolable from the high pressure turbine extraction steam line and efforts to effect a repair at full power were not attempted due to the steam hazard. The licensee believes that the leak was caused by a welding failure at the tee where the vent line connects to the extraction steam line for the #2 feedwater heaters. The licensee reduced power and initiated a temporary repair at low power during the night. However, due to another unrelated problem associated with higher than normal hydrogen leakage from the main generator, the licensee decided to shut down Unit 2 (Hot Standby), break condenser vacuum, and then complete repairs. Steam leakage in the turbine building did not affect any safety systems.

As of 8:00 a.m., on January 29, 1993, Unit 2 had entered Hot Standby with preparations being made to establish conditions to commence repair work. The forced outage is expected to take approximately 4 days.

Unit 1 is at full power and was not affected.

The licensee intends to notify the local media.

The State of Tennessee has been informed.

This information is current as of 10:30 a.m., on January 29, 1993.

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