

June 4, 1984

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE PNO-II-84-33

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 Unit 1
Docket No. 50-327
Soddy-Daisy, Tennessee

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

SUBJECT: SHUTDOWN GREATER THAN 48 HOURS

The Sequoyah Unit 1 reactor was manually scrammed from 75 percent power at 9:51 p.m. (EDT) on June 2 after the unit operator noted high vibrations from the main generator and flames from a main generator bearing.

From an initial review, TVA believes the cause is a bearing-to-ground short from a damaged braided cable in the bearing thermocouple. Because of the damage, a restart is not anticipated until June 11.

This problem is similar to an incident on May 21, when a main generator short damaged the bearing, shaft and permanent magnet generator. Following an outage for repairs, the unit had been back in service since 5:50 p.m. on May 30. Although both problems appear to be caused by thermocouple faults, TVA at this time does not consider the problems directly related.

Media interest is expected. TVA plans to announce the incident on its daily taped telephone nuclear plant status summary. Region II does not plan a news release.

The State of Tennessee has been informed.

TVA informed the headquarters duty officer of this incident by telephone at 9:57 p.m. on June 2. This information is current as of 10 a.m. today.

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