

July 10, 2003

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE -- PNO-IV-03-033

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 IV staff on this date.

Facility

TXU Energy
Comanche Peak Steam Electric Station Unit 2
Docket: 50-446 License NPF-89

Licensee Emergency Classification

☐ Notification of Unusual Event
☐ Alert
☐ Site Area Emergency
☐ General Emergency
☒ Not Applicable

SUBJECT: PLANT SHUTDOWN FOR GREATER THAN 72 HOURS

DESCRIPTION: At 1:09 a.m. (CDT) on July 9, 2003, Comanche Peak Steam Electric Station (CPSES) Unit 2 experienced an automatic reactor trip from full power when the breaker associated with the Number 4 reactor coolant pump opened.

A fault in the motor of the Number 4 reactor coolant pump caused the breaker to open, resulting in an automatic reactor trip. All systems responded as expected. All rods inserted into the core during the trip. An auxiliary feedwater autostart occurred as expected when steam generator water levels lowered due to shrink. Both motor-driven pumps and the turbine-driven pump started. In addition, steam generator blowdown automatically isolated on low steam generator water level. Following the trip, the plant was stable in Mode 3 with decay heat being removed using auxiliary feedwater and steam dumps to the main condenser.

The licensee is currently assessing the extent of damage to the motor and developing plans to make repairs. They plan to cool down the reactor coolant system to below 200 degrees F today and make preparations for motor removal.

The state of Texas has been informed.

Region IV received notification of this occurrence by the Headquarters Operations Officer at 2:05 a.m. (CDT) on July 9, 2003.

This information has been discussed with the licensee and is current as of 9 a.m. on July 10, 2003.

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