

January 17, 1996

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE PNO-IV-96-003

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 Region IV staff in Arlington, Texas on this date.

Facility

Texas Utilities Electric Co.  
Comanche Peak 1  
Glen Rose, Texas  
Dockets: 50-445

Licensee Emergency Classification

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

Subject: SAFETY INJECTION WITH DISCHARGE TO THE REACTOR COOLANT SYSTEM

At approximately 8:08 a.m. (CST), Comanche Peak, Unit 1, received a Safety Injection (SI) signal on a main steam line low pressure signal. No main steam line low pressure condition existed at the time. The plant responded as expected to the SI including a reactor trip with main steam isolation valve closure. The emergency core cooling systems started per design and injected into the reactor coolant system. Injection was terminated approximately fifteen minutes following the SI in accordance with the Emergency Operating Procedures. The plant was stable in Mode 3, with the cause of the SI signal being investigated. Prior to the SI signal, at approximately 8:02 a.m. (CST), a control room alarm annunciated a loss of power to 118 VAC Bus 1PC-2. Operators followed plant abnormal operating procedures and restored power to the bus from an alternate power source. The SI was received immediately after restoring power to Bus 1PC-2. The initial assessment was that restoring power to Bus 1PC-2 should not have initiated any protective signals and the occurrence was being investigated.

Several equipment failures or anomalies were identified during the SI and subsequent reactor trip including failures of one pressurizer level channel, one steam generator wide range level channel, one steam generator pressure channel, and one N-16 channel. Those instrument failures appear to be related to the failure of Bus 1PC-2. The main turbine tripped, however, the stop valves indicated in mid-position longer than expected following the automatic main turbine trip signal initiation following the SI. A manual turbine trip was initiated by the licensee as an added precaution. All of the equipment failures/anomalies were being investigated by the licensee.

The licensee stated that they intended to remain shut down in Mode 3 for several days in order to complete work on outage maintenance items.

The state of Texas will be informed.

Region IV received notification of this occurrence by telephone from the Senior Resident Inspector at approximately 8:30 a.m. (CST), on January 17, 1996. Region IV has informed the EDO's office and NRR.

This information herein has been discussed with the licensee and is current as of 1:15 p.m. (CST) on January 17, 1996.

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