



**TU**ELECTRIC

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Ref. # 10CFR50.72(a)(i)

June 4, 1992

**William J. Cahill, Jr.**  
*Group Vice President*

U. S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, DC 20555

SUBJECT: COMANCHE PEAK STEAM ELECTRIC STATION (CPSES)  
DOCKET NOS. 50-445 AND 50-446  
TRANSMITTAL OF REPORT FOLLOWING A NOTIFICATION  
OF UNUSUAL EVENT (NUREG-0654)

Gentlemen:

As specified in the CPSES Emergency Plan, TU Electric hereby transmits the enclosed report which summarizes the incident which occurred on June 3, 1992. As stated in the corrective action, an evaluation is in process and a Licensee Event Report (LER) will be submitted in accordance with 10CFR50.73 by July 6, 1992.

Sincerely,

*William J. Cahill, Jr.*

William J. Cahill, Jr.

By: *Roger D. Walker*  
Roger D. Walker  
Manager of Regulatory Affairs

OB/ds

Enclosure

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TU Electric  
Comanche Peak Steam Electric Station, Unit 1  
Docket No. 50-445

Notification of Unusual Event  
As a Result of Initiating a Plant Shutdown Required by  
Technical Specifications

Report Requirement

This report is being submitted as recommended by NUREG-0654, "Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants" and in accordance with Comanche Peak Steam Electric Station (CPSES) Emergency Plan Procedures. The CPSES Emergency Plan procedures require that a written summary be submitted within 24 hours of the closeout of the Notification of Unusual Event (NOUE).

Event Description

On June 3, 1992, at approximately 0123 CDT, CPSES Unit 1 was in Mode 1, Power Operation, with the reactor at approximately 100 percent of rated thermal power. Control Room alarms annunciated the loss of one of two compressors associated with Train A of the Control Room Heating Ventilation and Air Conditioning (HVAC) System. After unsuccessfully attempting to restart the compressor, the train was declared inoperable. Train B of the Control Room HVAC System had been removed from service and declared inoperable previously for performance of a modification to reduce vibration. The loss of both trains of Control Room HVAC resulted in the requirement to initiate a plant shutdown in accordance with CPSES Unit 1 Technical Specification 3.0.3.

At approximately 0223 CDT, a plant shutdown was initiated, and at 0250 the Emergency Plan was activated with the Notification of Unusual Event. The Nuclear Regulatory Commission and the appropriate offsite agencies were notified in accordance with the applicable regulatory and procedural requirements.

By 0823 CDT, Train A of the Control Room HVAC System had been restored to service and the NOUE was terminated. Reactor power had been reduced to approximately 8 percent. Initial review of the event indicates that all Technical Specification action requirements were satisfied, and all systems functioned as designed.

Immediate Cause

The immediate cause of the Control Room HVAC air conditioning unit trip has been attributed to compressor low oil pressure.

Corrective Actions

Immediate actions were taken to troubleshoot the cause of the air conditioning unit trip and to place the plant in a condition allowed by the CPSES Unit 1 Technical Specifications. As a result of subsequent actions, both trains of the Control Room HVAC System were restored to service and declared operable. Additional actions will be determined based on the results of the findings of the plant incident investigation of this event. The details of the event, including root cause determination and recommendations for corrective actions, will be included in the Licensee Event Report to be submitted to the Nuclear Regulatory Commission pursuant to 10CFR50.73.