

October 2, 1995

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE PNO-IV-95-043

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

Union Electric Co.  
Callaway 1  
Fulton, Missouri  
Dockets: 50-483

Licensee Emergency Classification

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

Subject: PLANT SHUTDOWN DUE TO UNIDENTIFIED LEAKAGE GREATER THAN TECHNICAL SPECIFICATION LIMIT

At 4:30 a.m. (CDT) on October 2, the licensee identified, as a result of lowering Volume Control Tank level, that a small reactor coolant system leak was in progress. Containment radiation levels were observed to be higher than values prior to observing the leak, and changes in the containment sump level confirmed the leak. The leak was quantified at 2.1 gallons per minute at approximately 6 a.m., (CDT). A containment entry was performed at approximately 7:30 a.m., and the leak was determined to be inside the biological shield. The exact source of the leak could not be determined because of its location inside the biological shield. At 8 a.m., the licensee commenced a reactor shutdown at approximately one-half percent per minute.

The state of Missouri has been informed.

Region IV received notification of this occurrence by phone from the Senior Resident Inspector at Callaway on October 2 at approximately 7:30 a.m. (CDT). Region IV has informed NRR and the EDO's office.

This information herein has been discussed with the licensee and is current as of 9:15 a.m. on October 2, 1995.

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