

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 staff on this date.

Facility: Union Electric Company
Callaway Nuclear Plant
Steedman, MO 65077

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

Docket No. 50-483

Subject: SHUTDOWN BECAUSE OF STARTUP TRANSFORMER POWER FAILURE

The unit was manually tripped from 0.3 percent power at 10:20 a.m., February 22, 1985, when power for the reactor coolant pumps and rod drive motor generators (RDMGs) were lost as a result of a power failure to the startup transformer, which was supplying power to the pumps and RDMGs. Emergency cooling systems and other safety features are powered by different transformers and were not affected. Power was lost to the 'B' Safeguards bus and the 'B' Emergency Diesel Generator started and assumed the 'B' safeguards loads. The plant was starting up after a shutdown which occurred at 6:30 p.m., February 21, 1985, when a main feedwater pump tripped. The pump trip occurred when a power supply, providing electricity to the pump's control circuit, was shut off because of a smoking transformer.

The licensee declared an Unusual Event, under its emergency plan, at 10:33 a.m., February 22, 1985. Power was restored to the startup transformer at 11:10 a.m., and the Unusual Event classification was terminated at 11:57 a.m. The plant remains shut down, pending evaluation of the power loss to the startup transformer. The Senior Resident Inspector is monitoring the licensee's activities.

The State of Missouri will be notified.

The licensee issued a news announcement and held a news conference on this event.

Region III (Chicago) was informed of this event at 10:30 a.m., February 22, 1985, by the Senior Resident Inspector. This information is current as of 3:00 p.m., February 22, 1985.

Contact: *W.L. Forney*
W. L. Forney (FTS) 388-5590

R.F.W.
R. F. Warnick (FTS) 388-5575

DISTRIBUTION:

- H. St. *4:45*
 - Chairman Palladino
 - Comm. Roberts
 - Comm. Asselstine
 - Comm. Bernthal
 - Comm. Zech
 - SECY
 - ACRS
 - CA
 - PDR
- MNBB *7:14*
 - EDO
 - PA
 - MPA
 - ELD
- Phillips *7:35*
 - NRR
 - Air Rights *7:38*
 - SP
- E/W *7:11*
 - IE
 - OIA
 - AEOD
 - INPO *8:02*
 - NSAC *7:23*
- Willste *7:20*
 - NMSS
 - RES
 - MAIL:
 - ADM:DMB
 - DOT: Trans Only

Applicable Resident Site *7:21*
Regions I *7:39*, II *7:41*, IV *7:44*, V *7:59* Licensee (Corporate Office) *7:22*