

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.

DMB

Facility: Union Electric Company
Callaway Nuclear Plant
St. Louis, MO 63166
Docket No. 50-483

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

Subject: INITIAL CRITICALITY

The Callaway plant commenced rod withdrawal for initial criticality at 5:05 p.m. (CDT) on October 1, 1984, and commenced boron dilution at 10:12 p.m. Mode 2 was entered at 2:37 a.m. on October 2, 1984. Initial criticality was achieved at 4:22 a.m. on October 2, 1984. Good agreement was observed between actual conditions at criticality and predicted conditions. Core power is being held at 10^{-8} amps on the intermediate range pending core physics testing.

The State of Missouri will be notified.

Region III (Chicago) was informed of the initial criticality by the Headquarters Duty Officer at 7:00 a.m. on October 2, 1984.

This information is current as of 10:40 a.m. October 2, 1984.

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PDR I&E
PNO-III-84-083 PDR

DISTRIBUTION:

H. St. <u>11:02</u>	MNBE <u>11:22</u>	Phillips <u>11:40</u>	E/W <u>11:00</u>	Willste <u>12:10</u>
Chairman Palladino	EDO	NRR	IE	NMSS
Comm. Roberts	PA		OIA	RES
Comm. Asselstine	MPA		AEOD	
Comm. Bernthal	ELD	Air Rights <u>12:13</u>		MAIL:
Comm. Zech		SP	INPO <u>12:42</u>	ADM:DMB
SECY			NSAC <u>12:29</u>	DOT: Trans Only
ACRS				
CA				
PDR				

Applicable Resident Site 10.11
Regions I 12.19, II 12.21, IV 12.20, V 12.19 Licensee (Corporate Office) 12.12

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