

October 21, 1985

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE PNO-II-85-96

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 Region II staff on this date.

FACILITY: Duke Power Company
Catawba Unit 1
Docket No. 50-413
Rock Hill, South Carolina

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

SUBJECT: SHUTDOWN IN EXCESS OF 48 HOURS

The reactor was shut down at 6:15 p.m. (EDT) on October 18 because of an unidentified reactor coolant system leak of 1.3 gallons per minute. A technical specification amendment is allowing the plant to remain in hot standby for 72 hours while efforts to identify the source of the leak are under way.

Current leakage has been reduced to about 0.25 gallons per minute, and the plant remains in an Unusual Event status pending calculation of an official leak rate.

The licensee reports that it believes the principal leak sources are from a residual heat removal valve packing leak which has been corrected and from a reactor coolant pump flange that is planned to receive Furmanite treatment today.

The licensee estimates an additional two to three days down time prior to restart.

The State of South Carolina has been notified.

Region II will conduct routine followup.

The NRC received initial notification of this event by telephone from the licensee to the headquarters Incident Response Center on October 18 at 6:39 p.m. (EDT).

This information is current as of 10:00 a.m. on October 21.

Contact: C. Burger, 242-4198

H. Dance, 242-5533

DISTRIBUTION:

H. Street 1:35
Chairman Palladino
Comm. Roberts
Comm. Asselstine
Comm. Bernthal
Comm. Zech
SECY
ACRS
CA
PDR

MNBB 1:27
EDO
PA
MPA
ELD
Air Rights 1:35
SP

Phillips 2:40
NRR

E/W 1:32
IE
OIA
AEOD

Willste 1:33
NMSS
RES

MAIL:
ADM:DMB
DOT: Trans Only
Applicable State

INPO 1:36
NSAC

Regions: RI 1:39, RIII 1:40, RIV 1:42, RV 1:43
Licensee: 1:45
(Reactor Licensees)
Applicable Resident Site 1:46

8511040204 851021
PDR 1&E
PNO-II-85-096 PDR

dl
DMP
IE-34