

October 12, 1982

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE PNO-II-82-110

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: Carolina Power & Light Company  
Brunswick Unit 1  
Docket No. 50-324  
Southport, North Carolina

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

SUBJECT: FAILURE OF RELIEF VALVE TO RECLOSE

A relief valve failed to reclose after testing at 12:04 p.m. on October 10, with the reactor critical and at 200 pounds pressure.

In accordance with plant procedures, the reactor was manually scrammed and an unusual event was declared. The unit proceeded uneventfully to cold shutdown. The unusual event was terminated at 3:49 p.m.

The licensee has determined that the valve's failure to reclose resulted from the failure of the actuation solenoid. The unit remains in cold shutdown while the licensee corrects the solenoid problem.

Media interest is not expected. Neither the licensee nor the NRC plans to issue a news release.

The State of North Carolina has been informed.

The NRC Headquarters Incident Response Center was informed of this occurrence by telephone from the licensee at 12:04 p.m. on October 10.

This information is current as of 2:15 p.m. on October 12.

Contact: C. W. Hehl, RII 242-5353; C. W. Burger, RII 242-5538

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