

Harris

PRELIMINARY NOTIFICATION

February 13, 1980

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE PNO-II-80-23

This preliminary notification constitutes EARLY notice of an event of POSSIBLE safety or public interest significance. The information presented is as initially received without verification or evaluation and is basically all that is known by IE staff as of this date

FACILITY: Carolina Power and Light Company  
Brunswick Unit 2  
Docket No. 50-324  
Southport, North Carolina

SUBJECT: REACTOR TRIP AND REACTOR BUILDING EVACUATION

At 9:51 a.m. on February 13 a reactor trip occurred from 87 percent power during surveillance testing, when a mechanic accidentally struck an instrument valve with a wrench. Following the reactor trip, an increase in airborne radioactive gas in the reactor building was detected (from  $1 \times 10^{-10}$  microcuries per milliliter to  $1.4 \times 10^{-7}$  microcuries per milliliter). As a precautionary measure, an evacuation of the reactor building was conducted even though the radioactivity level was 0.2 MPC. Safety systems functioned as designed.

Ten individuals in the reactor building had small amounts of contamination on their personal clothing attributed to short lived particulate activity. No increase in the gaseous effluent activity was observed on the stack or air ejector monitor.

Media interest is not expected. The licensee will make a press release. The NRC does not plan a press release. The State of North Carolina has been notified.

Region II (Atlanta) received notification of this occurrence by telephone from the resident inspector at 1:05 p.m. on February 13.

Contact: A. K. Hardin, RII 242-5509; P. J. Kellogg, RII 242-5649

Distribution: Transmitted H. St. 4:27  
Chairman Ahearn  
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Commissioner Hendrie  
Commissioner Kennedy  
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D. Eisenhut, NRR  
Willste 4:38  
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Other Regional Offices 4:52  
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