

August 21, 1990

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE PNO-II-90-47

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
Brunswick Unit 2
Docket No. 50-324
Southport, NC

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

SUBJECT: AIT DISPATCHED TO BRUNSWICK STEAM ELECTRIC PLANT

The NRC has dispatched an augmented inspection team (AIT) to the Brunswick Steam Electric Plant to investigate the circumstances surrounding the Unit 2 reactor trip which occurred on August 19, 1990, at 9:54 p.m. (EDT). The Unit tripped from 100 percent power when the main steam isolation valves went closed, from what appears to be an inadequately performed/controlled surveillance test. At this time, it is known that several safety relief valves failed to open on increasing reactor pressure and reactor core isolation cooling system tripped on what appears to be related to valve thermal overload. The Unit has been taken to Cold Shutdown in order to effect repairs.

The State of North Carolina has been informed.

The PN is being issued for information purposes only.

This information is current as of August 21, 1990.

CONTACT: R. Carroll - 841-5543

DISTRIBUTION:

One White Flint North Chairman Carr Comm. Rogers Comm. Curtiss Comm. Remick OGC OCA GPA/SLITP/PA EDO NRR NMSS OE	M'land Nat'l Bank Bldg IRM OIG AEOD NRC Ops Ctr Nicholson Lane RES L Street PDR	Regions Region I Region II Region III Region IV Region V Phillips Bldg ACRS EWW ASLAP	<u>MAIL TO:</u> DCS (Original IE 34) DOT (Transportation Only) <u>FAX TO:</u> INPO 10:40 LICENSEE (Corporate) 10:45 RII Resident 10:45
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5520: 8/21/90 @ 10:35 a.m. TO REGIONS AND HQ

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