

PRELIMINARY NOTIFICATION

July 20, 1981

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE PNO-II-81-57

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: PLANT SHUTDOWN DUE TO MAIN STEAM ISOLATION VALVE FAILURE

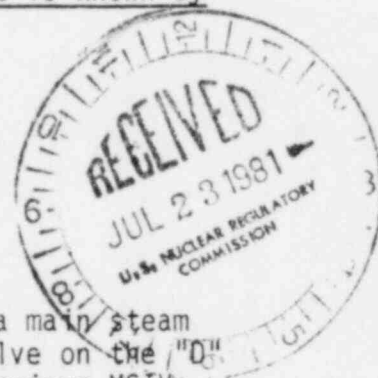
On July 18, a plant shutdown was initiated following the failure of a main steam isolation valve (MSIV), during surveillance testing. The inboard valve on the "D" steam line was closed during testing and could not be reopened. A previous MSIV failure in June had rendered the "C" steam line inoperable and plant operation had continued with three steam lines in service until the second failure. An orderly plant shutdown was initiated. The licensee is investigating the cause of the MSIV failures and estimates repairs may take a week. Previous MSIV failures have been experienced and the cause was found to be failure of a pin which secures the disc to the stem.

Local media interest has occurred. The licensee has issued a press release. The NRC does not plan to issue a news release. The State of North Carolina has been informed.

Region II (Atlanta) received notification of this occurrence by telephone from the licensee at 10:00 a.m. on July 18. This information is current as of 9:00 a.m. on July 20.

Contact: C. A. Julian, RII 242-5538; R. C. Lewis, RII 242-5680

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