

PRELIMINARY NOTIFICATION

June 1, 1981

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE PNO-II-81-38

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
H. B. Robinson 2
Docket No. 50-261
Hartsville, South Carolina

RECEIVED ORIGINAL
Certified By TH

SUBJECT: OVEREXPOSURE DURING STEAM GENERATOR WORK

On May 30, a contractor worker made an unauthorized entry into the "B" Steam Generator Bay without the required presence of a health physics technician to mark steam generator tubes for eddy current testing. Upon completion of his job, his chest level pocket dosimeter read 370 mrem. Subsequent analyses of his head, chest and gonad thermoluminescent dosimeters revealed doses of 2807 mrem, 1092 mrem, and 163 mrem, respectively. Based upon a previous quarterly whole body exposure of 302 mrem, the worker was assigned a quarterly whole body dose of 3109 mrem, which exceeds the quarterly limit of 3000 mrem.

The licensee has prohibited the worker from further work inside the radiation controlled area. A health physics technician has been assigned to the steam generator contractor to ensure adequate health physics coverage during future contractor activities inside the Containment Building. A Region II Radiation Specialist will review this event and the licensee's action.

Region II (Atlanta) received notification of this occurrence by telephone from the licensee at 11:00 am on May 31. This information is current as of 9:30 am on June 1.

The State of South Carolina has been informed. Neither the licensee nor the NRC is planning a press release.

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