

PRELIMINARY NOTIFICATION

July 28, 1981

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE PNO-II-81-61

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: Duke Power Company
Oconee 1
Docket No. 50-269
near Seneca, SC

SUBJECT: IODINE-131 UPTAKE IN WORKERS



Body burden analyses performed as of July 28 during the present unit 1 refueling outage indicate that 54 of 365 individuals have uptakes of iodine-131 in their thyroids. The maximum individual uptake was 50 nanocuries which is less than 6 percent of NRC exposure limits. The licensee attributes the uptake to absorption through the skin and has required workers to wear additional protective clothing to reduce further uptakes.

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

Region II (Atlanta) received notification of this occurrence by telephone from the resident inspector at 3:30 a.m. on July 9. This information is current as of 4:00 p.m. on July 28.

Contact: J. R. Vray, RII 242-4198; C. M. Hosey, RII 242-5526

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