

PRELIMINARY NOTIFICATION

May 9, 1980

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

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: Florida Power and Light Company
Turkey Point, Unit Nos. 3 and 4
Docket Nos. 50-250 and 50-251
Homestead, Florida

SUBJECT: RADIOACTIVELY CONTAMINATED SOIL FOUND ON SITE

This PN updates PNO-II-80-80. Additional survey of ground areas revealed radiation levels up to 1.5 mr/hr in an area 7 yards wide and 100 yards long on the licensee's property outside the protected area fence. Four hundred construction workers were surveyed. With the exception of slight fixed contamination on the boot of one worker, no radioactivity was detected during this survey. The licensee now believes the most probable source of contamination to be atmospheric fallout from the plant stack which occurred during containment purge in January 1980 when eight millicuries of particulate radioactivity were released over a five day period. The State of Florida conducts the licensee's routine environmental monitoring program. Environmental monitoring performed by the State during this period revealed no radioactivity above normal background levels. The State is increasing its environmental surveillance around the facility. NRC inspectors are onsite to continue followup throughout the weekend.

Region II (Atlanta) is continuing to respond to local media inquiries. The licensee will issue its first news release today. Region II will keep the State of Florida informed in this matter.

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