

POOR ORIGINAL

Date: July 31, 1980

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PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURENCE--PNO-III-80-143

This preliminary notification constitutes EARLY notice of events 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: Carle Clinic Association
Urbana, IL
License No. 12-01081-02

SUBJECT: APPARENT OVEREXPOSURE OF FOUR NUCLEAR MEDICINE TECHNICIANS

Region III (Chicago) was informed that four nuclear medicine technicians may have received exposures in excess of 10 CFR 20.101(a) and (b) whole body limits for the period June 2 to June 29, 1980. The technicians were wearing both TLD and film whole body dosimeters. The TLD readings ranged from 1360 millirem to 5200 millirem. The film dosimeter readings ranged from 580 millirem to 1850 millirem. The dosimeter vendor (R. S. Landaur, Jr. and Co.) indicated that the readings may have been the result of a single exposure and that one of the readings was due to a "medium energy" source.

Ambient levels of radiation at the licensee's facility have been evaluated by the licensee's consultant and cannot account for the apparent exposures. The personnel dosimeters for the current monitoring period of the four individuals involved have been turned in for immediate processing. Licensed activities within the nuclear medicine area have ceased as well as the use of a nearby C-T scanning unit.

Region III is expecting a report from the licensee on August 4, 1980, regarding further dosimeter processing results and also plans to conduct an investigation.

The State of Illinois has been notified. Media interest is not expected.

Region III received initial notification by telephone from the licensee's consultant at 2:45 p.m. July 31, 1980. The Headquarters Duty Officer was notified at 3:45 p.m. CDT.

Contact: W. Adam, RIII, 384;2528; C. J. Paperiello, RIII, 384-2511.

Distribution: Transmitted H St. 4:37

Chairman Ahearne	Commissioner Hendrie	S. J. Chilk, SECY
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Transmitted: MNBB 4:32

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Landow _____ (6 min/page)
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Regional Offices <u>4:55</u>	J. G. Davis, NMSS
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PRELIMINARY NOTIFICATION

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