

PRELIMINARY NOTIFICATION

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Date: March 5, 1980

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE--PNO-I-80-34A

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 on this date.

Facility: Jersey Central Power and Light Company
Oyster Creek Nuclear Station (DN 50-219)
Toms River, New Jersey

Subject: PERSONNEL EXPOSURE TO RADIOACTIVE MATERIALS
(UPDATE TO PNO-I-80-34)

The licensee's whole body counting contractor has provided the following uptakes and dose commitments for the two individuals exposed to radioactive material on March 2, 1980. The contractor calculated that the initial uptakes of individuals A and B was 488 and 1570 nanocuries of Co-60 respectively. Based on these uptakes the following millirem dose commitments have been calculated:

<u>Individual</u>	<u>Lung (90 day)</u>	<u>Lung (1 year)</u>	<u>Lung (50 year)</u>	<u>% Deposited in Lung</u>
A	155	328	356	~ 34
B	500	1053	1175	~ 42

The licensee's contractor also provided dose commitments to the GI tract. Individuals A and B will receive an apparent lifetime maximum dose of 102 and 327 millirem respectively to the lower large intestine.

Based on the licensee's data provided, Individual A received an apparent uptake of 3% of the allowable quarterly quantity limit for uptake of Co-60. Individual B received 28% of the same limit. The ICRP2 limit for dose to any organ of the body, excepting gonads, bone, skin and thyroid is 4 rems/quarter or 15 rems/year. For total body and gonads, the dose limit is 5 rems/year.

This PN is issued for update information only and no further action other than routine followup by IE is anticipated.

Media Interest is expected as a result of licensee initial press release on March 3, 1980. The NRC has responded to many inquiries. The State of New Jersey has been notified.