

PRELIMINARY NOTIFICATION

Date: July 8, 1980

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE--PNO-I-80-97

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: Connecticut Yankee Atomic Power Company
Haddam Neck Plant (DN 50-213)
Haddam Neck, Connecticut

Subject: UNPLANNED GASEOUS RADIOACTIVITY RELEASE

During containment integrated leak rate testing, a minor, unplanned release occurred from the Waste Gas Decay Tank (WGDT) through the valve stem leak off drain header into the Auxiliary Building and out the plant stack. The leak was discovered and isolated at 3:45 pm on July 7, 1980 when decreasing pressure was observed in the WGDT. The licensee notified the NRC via the Emergency Notification System at 4:47 pm on July 7, 1980. A total of 1.03 Ci was released; 94 percent was krypton 85 and 6 percent was xenon 133. Site boundary dose equivalent was estimated at 2.3 x 10^-4 millirem. The concentration of krypton 85 and xenon 133 combined, at the site boundary, was 0.6 percent of the maximum permissible. The instantaneous release was 3.9 percent of the Technical Specification limit with a release rate of 343 microcuries per second (allowable 8810 microcuries per second). No personnel contamination was experienced due to this release.

Media interest has been expressed. A press release is not planned by the NRC or the licensee. The State of Connecticut was informed by the licensee and NRC.

NRC Region I (Philadelphia) received notification via telephone from the NRC:HQ Duty Officer at 5:04 pm on July 7, 1980.

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