

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE--PNO-I-82-57C

This preliminary notification constitutes EARLY notice of events of POSSIBLE safety or public interest significance. The information is as initially received without verification or evaluation, and is basically all that is known by the Region I staff on this date.

Facility:	Licensee Emergency Classification:
Consolidated Coal Company	<u> X </u> Notification of Unusual Event
Library, Pennsylvania	<u> </u> Alert
License No. 37-16998-01	<u> </u> Site Area Emergency
Field Site: Jollytown, Pennsylvania	<u> </u> General Emergency
	<u> </u> Not Applicable

Subject: POSSIBLE RUPTURE OF AMERICIUM-241 WELL LOGGING SEALED SOURCES UPDATE

As reported in PNO-I-57, 57A, and 57B, licensee representatives suspect that one or both of two americium-241 sealed sources (250 millicuries each), lost down a well during well logging operations, were ruptured during recovery operations. Americium-241 contamination was found on the drilling equipment and in an area about 50 yards by 100 yards near the drilling rig.

Licensee representatives, the licensee's consultant, and Commonwealth of Pennsylvania and NRC inspectors have identified and surveyed about 30 persons who have been on the sites or in contact with material removed from the sites. All persons, their private residences or motel rooms, and all vehicles have been surveyed. Gloves, shirts, and shoes have been found contaminated with up to 3000 disintegrations per minute per hundred square centimeters.

No personnel contamination has been identified. About ten persons have had whole-body counts at the University of Pittsburgh. No radiation levels above background were detected. Urinalysis is also being conducted on these individuals, who are considered to be the most likely to have had internal contamination. Whole-body counting and urinalysis of other persons is scheduled.

Region I has determined that the sources were used for gamma backscatter measurements and did not contain beryllium, as originally reported.

The licensee has begun a survey of the site and will submit a schedule for completing the survey shortly.

The licensee issued a press release on September 4, 1982. Region I continues to respond to media inquiries. This information is current as of 11:00 a.m., September 9, 1982.

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Region I Form 83
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Licensee: NA
(Reactor Licensees)

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