



Memo To: Jonathan Young 7/6/88
From: Glenn W. Calvert *GPC*
Subject: Leak Test of Transfer Cask

On July 5, 1988 a Model L-3 Leak Test Kit was used to perform a leak test on a Transfer Cask located at the Parsippany, NJ facility for detection of any removable radioactive contamination. Samples taken by you were brought to Dosimetry Services for analysis.

The samples were taken at seven (7) locations: three on the lid of the cask, the vent hole top and bottom and two on the sides of the cask.

Measurements for removable contamination were made using an Eberline Mini-Scaler (Model MS-2) Detector with a Model HP-21 Probe. An efficiency of 4.54% was determined with the high voltage set at 721. Counts per minute (cpm) of the Cobalt 60 Standard were 388 and counter background cpm was 37. Counts for each of the seven locations are listed below:

Location	Counts per Minute
1 Lid	39
2 Lid	29
3 Lid	40
4 Vent Hole (top)	34
5 Vent Hole (bottom)	33
6 Side of Cask	38
7 Side of Cask	38

Note: Removable contamination was $< .005 \mu\text{Ci}$ for all samples. *GPC* 7/15/88

cc:M. Saylor

C/40 (2)

ISOMEDIX INC.

ITEM # 40