

File Solid Waste

METROPOLITAN EDISON COMPANY

TMI-II-R-12028

Subsidiary of General Public Utilities Corporation

Subject Curie Content Estimate For LSA Boxes

Location T-1

To M. G. Stark

Date January 8, 1980

The Health Physics Procedure 1620 defines a method for estimating curie content in containers of 50 ft.³ or more based on dose rate readings on the surface of the container. The conversion factor defined in 1620 is not applicable for post-accident LSA waste. The following conversion factor should be used in lieu of that defined in 1620:

$$\text{mCi} = 1.10 \times \text{Highest Gamma Reading (mr/hr)}$$

This conversion is applicable to the 79.5" x 48" x 37" LSA boxes only, and accounts for beta contamination. Procedure 1620 is in the process of being revised to reflect the present conditions and source activities.

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INTER-OFFICE MEMORANDUM