

*DR Central file*

METROPOLITAN EDISON COMPANY SUBSIDIARY OF GENERAL PUBLIC UTILITIES CORPORATION

POST OFFICE BOX 480 MIDDLETOWN, PENNSYLVANIA 17057 TELEPHONE 717-944-4041

October 11, 1974

Mr. J.P. O'Reilly, Director  
Directorate Of Regulatory  
Region I  
631 Park Avenue  
King Of Prussia, Pa. 19406

POOR  
ORIGINAL

Operating License DPR-50  
Docket 50-200

Subject: Inadvertant release of radioactive material at TII.

Dear Mr. O'Reilly:

This telegram is to confirm the telecon between Lee Spessard (Region I-AEC), and J.G. Herbein (Station Superintendent) at 1000 hours 10 October 1974.

On October 9 & 10, 1974, an inadvertant release of radioactive material occurred over a time period of 2 hours and 30 minutes.

Analysis of radiation effluent monitor recorder charts and local air samples indicate the radioactive material released was predominately Xe133, and that the instantaneous noble gas release rate was  $2.92 \times 10^4$  m<sup>3</sup>/sec., which is below the technical specification limit of  $1.2 \times 10^5$  m<sup>3</sup>/sec. The average release rate over the 2 hour and 30 minute period of this release was  $1.37 \times 10^4$  m<sup>3</sup>/sec. with a total release of noble gas of 35.6 curies.

Operating personnel in the auxiliary building were immediately evacuated and monitoring indicated no contamination.

The exact cause of the inadvertant radioactive material release has not been determined at this time. A special meeting was held by key supervisory personnel at TII and a comprehensive program was established to cover additional radiation monitoring requirements, specific Health Physics practices to be followed, special operational monitoring requirements and individual responsibilities and manning requirements for all evolutions in the TII Red Waste facility.

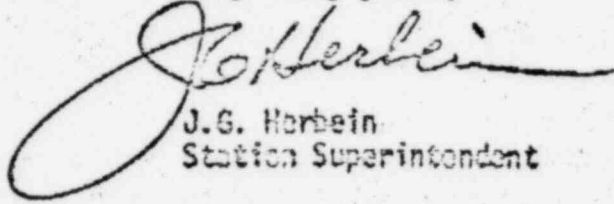
This incident may have caused the release of radioactive materials in concentrations reportable under paragraph 20.403 (b) (2) of 10CFR20. This aspect of

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Mr. J.P. O'Reilly  
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the incident will be addressed in our 10 day Nonroutine Report #4.

Very Truly yours,



J.G. Herbein  
Station Superintendent

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