

REGION I  
NMSS LICENSEE EVENT REPORT

License No. 37-02006-05

Docket No. 030-06046

MLER-RI-89 -082

I. ACTION CONTROL DATA

Licensee GENERAL ELECTRIC COMPANY - GE AEROSPACE

Event Description apparent overexposure

Event Date FIRST QUARTER 1989 Report Date 6-19-89

II. REPORTING REQUIREMENT

- 10 CFR 20.402 - theft or loss
- 10 CFR 20.403(a)(b) overexposure/release
- 10 CFR 20.405 - 30 day report
- Other \_\_\_\_\_
- 10 CFR 35.33 Therapeutic Misadministration
- 10 CFR 35.33 Diagnostic Misadministration
- License Condition

III. REGION I RESPONSE

- Immediate Site Inspection Inspector \_\_\_\_\_ Date \_\_\_\_\_
- Special Inspection Inspector \_\_\_\_\_ Date \_\_\_\_\_
- Telephone Inquiry Inspector \_\_\_\_\_ Date \_\_\_\_\_

Licensee Representative and Title \_\_\_\_\_

- PM  Daily Report
- Information entered - Region I log and Outstanding Items List
- Review at next routine inspection

IV. REPORT EVALUATION

- Description of Event
- Levels of R/M involved
- Cause of Event
- Corrective Actions
- Calculation Adequate
- Letter to Licensee requesting additional information

Completed by: E. Ullrich Date 7/7/89

Reviewed by: [Signature] Date 8/18/89

V. SPECIAL INSTRUCTIONS OR COMMENTS

Information in this record was deleted in accordance with the Freedom of Information Act, exemptions b  
FOIA- 2007-304

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**PROPRIETARY INFORMATION**

**NOTICE**

THE ATTACHED DOCUMENT MAY CONTAIN "PROPRIETARY INFORMATION" AND SHOULD BE HANDLED AS NRC "OFFICIAL USE ONLY" INFORMATION. IT SHOULD NOT BE DISCUSSED OR MADE AVAILABLE TO ANY PERSON NOT REQUIRING SUCH INFORMATION IN THE CONDUCT OF OFFICIAL BUSINESS AND SHOULD BE STORED, TRANSFERRED, AND DISPOSED OF BY EACH RECIPIENT IN A MANNER WHICH WILL ASSURE THAT ITS CONTENTS ARE NOT MADE AVAILABLE TO UNAUTHORIZED PERSONS.



~~"CONTAINS INFORMATION PROTECTED BY THE PRIVACY ACT"~~

GE Aerospace

General Electric Company  
P.O. Box 8555 Philadelphia, PA 19101

June 19, 1989

U.S. Nuclear Regulatory Commission  
Division of Radiation Safety & Safeguards  
Region 1  
475 Allendale Road  
King of Prussia, PA 19406

License No. 37-02006-05

Docket No. 030-06046

MLER-8 9-082

Gentlemen:

On May 25, 1989, we were notified by telephone call from R.S. Landauer Inc. that one of our first quarter 1989 TLD visitor's badges indicated the following radiation exposure:

Deep 190 mr/hr  
Shallow 1360 mr/hr  
Beta 1170 mr/hr.

Our records indicated that this badge was issued to a GE employee (b)(6) on 1/3/89. Mr. (b)(6) is not a regular radiation dosimeter badge user and during an interview he indicated that he only used this badge for a few days in early January. Mr. (b)(6) was issued the badge to permit him to access a room containing a Triotech krypton-85 parts leak detection system. However, Mr. (b)(6) work did not involve the Triotech system in any way. In fact, this system has been out of service for several years. The equipment Mr. (b)(6) was operating was an electric shock test device located 15 feet 9 inches from the leak test system. The highest level of radiation measured at the surface of the krypton-85 leak test equipment was 0.4 mr/hr and the radiation at the shock test station was essentially background (0.01 - 0.02 mr/hr).

E46

Pressure gauge readings indicate that no krypton gas was lost from the leak detector during this time frame. No automatic radiation alarms were recorded and the exhaust ventilation system has been functioning without interruption.

A second employee assigned to work with Mr. (b)(6) during this time period had a minimal exposure reading for his dosimeter badge.

It is my considered opinion that the radiation dose indicated on the badge in question is not representative of any dose actually received by Mr. (b)(6). There is a possibility that this badge was improperly stored on or near the leak detection equipment for the balance of the quarter but

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Certified By

*E. Ellm...*

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General Electric Company  
P.O. Box 8555, Philadelphia, PA 19101

June 19, 1989

U.S. Nuclear Regulatory Commission  
Division of Radiation Safety & Safeguards  
Region 1  
475 Allendale Road  
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June 19, 1989

Page 2

this has not been confirmed. A thorough investigation is currently under way and I will issue a final report as soon as it is complete.

Sincerely,

*AW Kobylinski / by C.B.C.*

Alfred W. Kobylinski  
Radiation Safety Officer

AWK/ezb

cc: C. B. Chilton  
S. J. Mucha, M.D.  
D. M. Sternberg

(b)(6)

*ayb*