- 62006-05

1050-06046

## GENERAL C ELECTRIC

FEDERAL AND ELECTRONIC SYSTEMS DIVISION GENERAL ELECTRIC COMPANY • VALLEY FORGE SPACE CENTER • P.O. BOX 8555 • PHILADELPHIA, PENNSYLVANIA 19101 • (215) 354-1000

Aug. 4, 1987

Mr. Jordan S. Davis U. S. Nuclear Regulatory Commission Region 1 631 Park Avenue King of Prussia, PA 19406

Dear Mr. Davis:

RE: License #37-02006-05

On 7/24/87, I informed you of our discovery of a leaking sealed Po-210 source. A review of our calculations on 7/31/87 showed that certain arithmetical errors had been made. The accurate reportable leakage has now been determined to be 0.0164 microcuries rather than the previously reported value.

In our investigation into the cause of the leakage, we were told by the manufacturer, 3M Co., that elevated temperatures to which the source was inadvertently exposed the week end prior to our wipe tests were likely to have degraded the epoxy encapsulation. This being the case, we wipe tested a 5 mCi Po-210 source that had also seen the elevated temperature. This source was also found to be leaking at the rate of 0.042 microcuries.

Both sources have been double-wrapped in polyethylene bags and are impounded in our radioactive materials storage vault pending disposition instructions from the 3M Co. As noted in my earlier letter, all areas and personnel involved have been tested and, where applicable, decontaminated to background.

If you have any questions, please feel free to call me.

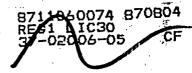
Yours very truly,

A Chillon

C. B. Chilton, PE, CSP Manager Industrial Safety & Hygiene

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RETURN ORIGINAL 10



DESIGNATED ORIGINAL

Certified By E Alluch

NMSS LIC	REGION I ENSEE EVENT REPORT
•	License No. <u>37-02006-05</u>
	Docket No. <u>030-06046</u>
I. ACTION CONTROL DATA	MLER-RI-87-142
Licensee <u>GENERAL</u> EL	ETTRIC
Event Description <u>leaking</u>	
Event Date	Report Date _ <u>8-4-87</u>
II. REPORTING REQUIREMENT	· · · · · · · · · · · · · · · · · · ·
[] 10 CFR 20.402 - theft or loss	[ ] 10 CFR 35.33 Therapeutic Misadministration
[] 10 CFR 20.403(a)(b) overexposure/release	[] 10 CFR 35.33 Diagnostic Misadministration
[] 10 CFR 20.405 - 30 day report	$\neq$ [X]-License Condition
[] Other	
III. REGION I RESPONSE	
[] Immediate Site Inspection	InspectorDate
[] Special Inspection	InspectorDate
[] Telephone Inquiry	InspectorDate
Licensee Representative and Title	
[] PN [] Daily Report	•
[X] Information entered - Region Flog and Outstanding Items List	
[1] Review at next routine inspection	n
IV. REPORT EVALUATION	
[X] Description of Event	[X] Corrective Actions
[X] Levels of R/M involved	[ ] Calculation Adequate
[>] Cause of Event	[] Letter to Licensee requesting additional information
Completed by: <u>Retex</u> <u>Ullin</u>	<u>L</u> Date <u>10/2/87</u>
Reviewed by: Dunnen	Date 10/21/87
V. SPECIAL INSTRUCTIONS OR COMMENTS	
* follow-up information on fint souce, second souce also found leaking deer to temperature of are.	