



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
631 PARK AVENUE
KING OF PRUSSIA, PENNSYLVANIA 19406

J.R.

Docket No. 30-5248

DEC 04 1980

Department of the Army
ATTN: Ronald W. Kaese, Chief
ERADCOM Safety Office
Headquarters, U.S. Army Electronics Research
and Development Command
2800 Power Mill Road
Adelphi, Maryland 20783

Gentlemen:

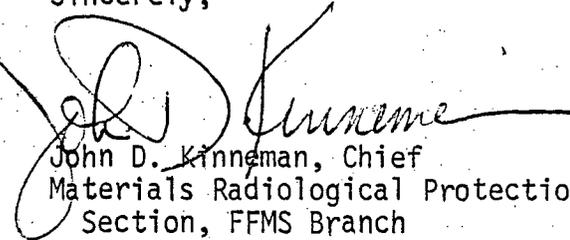
Subject: Recovery of Missing Nickel-63 Source

Thank you for your letter, dated November 3, 1980, which forwarded a final report pursuant to 10 CFR 20.402 regarding the subject matter.

This matter will be reviewed during our next inspection.

Your cooperation with us is appreciated.

Sincerely,



John D. Kinneman, Chief
Materials Radiological Protection
Section, FFMS Branch

cc:
Stanley B. Potter, Chief
Radiation Safety Office, Fort Monmouth

bcc:
IE Mail & Files (For Appropriate Distribution)
Central Files
Public Document Room (PDR)
Nuclear Safety Information Center (NSIC)
REG:I Reading Room
State of Maryland (2)

AA/53

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OFFICE	FFMS	FFMS				
SURNAME	Glehn/gwc	Kinneman				
DATE	11/26/80	12-2-80				



DEPARTMENT OF THE ARMY
HEADQUARTERS, U.S. ARMY ELECTRONICS RESEARCH
AND DEVELOPMENT COMMAND
2800 POWDER MILL RD., ADELPHI, MD 20783

REPLY TO
ATTENTION OF

DEL-SS

3 November 1980.

THRU: Commander
Hq. U.S. Army Materiel Development and Readiness Command
Attn: DRCSF-P
5001 Eisenhower Avenue
Alexandria, Virginia 22333

TO: Region 1, USNRC
Office of Inspection and Enforcement
Attn: Dr. John Glenn
631 Park Avenue
King of Prussia, Pa. 19406

Dear Dr. Glenn:

The 2 millicurie Nickel-63 source, used in a Hewlett-Packard gas chromatograph and reported as missing on September 29, 1980, (see attached inclosure) has been found.

The equipment containing the Nickel-63 had been turned in as scrap. However, the component containing the radioactive source had not been sold as excess equipment nor was it damaged in any way. The Nickel-63 was housed within stainless steel and 25% glass filled Teflon cylinders. The cylinders were sealed within a massive aluminum heatsink, preventing any radiation exposure to personnel or the environment.

The radioactive source is presently in the Fort Monmouth radioactive Waste Storage Area under the control of Mr. Stanley B. Potter, Health Physicist and Radiation Protection Officer. Mr. Potter may be contacted at Area Code 201-544-5292, should you need any further information.

Sincerely,

RONALD W. KAESE
Chief
ERADCOM Safety Office

1 Incl
As stated



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
631 PARK AVENUE
KING OF PRUSSIA, PENNSYLVANIA 19406

80-43

Glenn

29-01022-06

OCT 21 1980

Docket No. 30-5248

Department of the Army
US Army ERADCOM Field Offices
ATTN: Stanley B. Potter, Chief
Radiation Safety Office
Fort Monmouth, New Jersey 07703

Gentlemen:

Subject: Missing Nickel-63 Source (Your letter received October 6, 1980)

Thank you for your letter, referenced above, which forwarded an interim report pursuant to 10 CFR 20.402 regarding the subject matter.

This matter will be reviewed during our next inspection.

Your cooperation with us is appreciated.

Sincerely,

John D. Kinneman, Chief
Materials Radiological Protection
Section

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REG:I Reading Room
State of New Jersey

OCT 21 1980

Docket No. 30-5248

Department of the Army
US Army ERADCOM Field Offices
ATTN: Stanley B. Potter, Chief
Radiation Safety Office
Fort Monmouth, New Jersey 07703

Gentlemen:

Subject: Missing Nickel-63 Source (Your letter received October 6, 1980)

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Sincerely,

John D. Kinneman, Chief
Materials Radiological Protection
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REG:I Reading Room
State of New Jersey

OFFICE	FFMS	FFMS				
SURNAME	Kinneman:mt	Kinneman				
DATE	10/20/80	10-20-80				



DEPARTMENT OF THE ARMY
US ARMY ERADCOM FIELD OFFICES
FORT MONMOUTH, NEW JERSEY 07703

DRDEL-SS-H

Region 1, USNRC
Office of Inspection and Enforcement
631 Park Avenue
King Of Prussia, PA. 19406

Dear Sirs:

Reference telephone conversation with your office on 29 September 1980.

In compliance with Title 10, part 20.402, Code of Federal Regulations, this report of a missing radioactive source is submitted.

(1) The missing source is a 2 milli-curie Nickel-63 metal foil used in a gas chromatograph manufactured by Hewlett Packard and F & M Scientific.

(2) The loss occurred as a result of a property mix-up. The radioactive source was a component of one of two separate parts of a gas chromatograph. When the gas chromatograph was transferred from one laboratory to another, a recorder was taken as the second part of the gas chromatograph, leaving the item containing the radioactive material as an unidentified piece of equipment. Commercial contract movers were brought in to empty the laboratory and the person responsible for the property dispatched all unidentified property to excess for disposal.

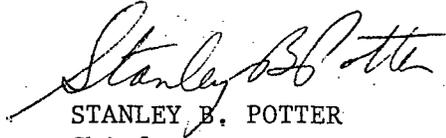
(3) The person responsible for the property has stated that the item was turned in as excess property and was destroyed as scrap metal.

(4) It is not believed that any exposure resulted from the loss of this item.

(5) Searches have been conducted of all areas where the item might have been put if it were not turned in as excess property, with negative results.

(6) All radioactive items which are not conspicuously marked

as radioactive will be labeled in such a manner that the radio-activity can not be ignored.



STANLEY B. POTTER
Chief,
Radiation Safety Office

CSL : 5 53 67, 00

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