



JAN 16 1985

Docket No. 030-00753

License No. 20-00297-53

MEMORANDUM FOR: Alan Shropshire
Office Allegation Coordinator

THRU:  Thomas T. Martin, Director
Division of Engineering and Technical Programs

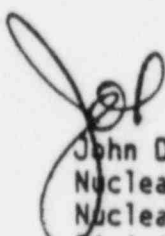
 James H. Joyner, Chief, Nuclear Materials and Safeguards
Branch

FROM: John D. Kinneman, Chief
Nuclear Materials Section A

SUBJECT: ALLEGATION RI-84-A-0173
HARVARD UNIVERSITY: ALLEGED IMPROPER DISPOSAL
OF RADIOACTIVE MATERIAL

On October 20, 1984, a former employee of Harvard University contacted Region I by telephone and reported that in 1979 he had been directed to dump 100-150 gallons of liquid waste containing phosphorus-32 into the sanitary sewer system through a closet drain in Building 16 on Divinity Avenue in Cambridge, Massachusetts. He stated that he did not know the activity of the liquid and did not know if the concentration or activity of the release exceeded regulatory limits.

On November 16, 1984, the individual was contacted by telephone by F. Costello of my staff. The individual repeated the statements previously provided and added that he believed that the phosphorus-32 had decayed for about five half-lives at the time of the disposal. His concern was that the disposal had been made on a Saturday, apparently in anticipation of an inspection by the fire marshal. The individual stated that he realized that it was unlikely that there was significant quantity of phosphorus-32 in the waste, but that he was concerned by the apparently hasty method of disposal. Mr. Costello informed the individual that it appeared that no violation of NRC or other radiation safety requirements had occurred, but that the radioactive waste disposal program would be reviewed during the next routine inspection of this license. The individual seemed to be satisfied. Therefore, this matter is considered closed.


John D. Kinneman, Chief
Nuclear Materials Section A
Nuclear Material & Safeguards Branch
Division of Engineering and Technical Programs

8506190057 850327
PDR FOIA
BURKE85-79 PDR

OFFICIAL RECORD COPY

ALLEGATION RI-84-A - 0001.0.0
12/27/84

B/(2)

JAN 16 1985

bcc:

Region I Docket Room (w/concurrences)

F. Costello, RI, DETP

J. Kinneman, RI, DETP

FMK
RI:DETP
Costello
12/2/84

[Signature]
RI:DETP
Kinneman
12/3/84

[Signature]
RI:DETP
Joyner
12/11/84
1

[Signature]
RI:DETP
Martin
12/1/84
1/15/85

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ALLEGATION RI-84-A - 0002.0.0
12/27/84

ALLEGATION DATA FORM

Instructions on reverse side

U.S. NUCLEAR REGULATORY COMMISSION

RECEIVING OFFICE

1. Facility(ies) Involved:

(If more than 3, or if generic, write GENERIC)

(Name)

HAYWARD UNIVERSITY

Docket Number (if applicable)

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 0 | 3 | 0 | 1 | 0 | 7 | 5 | 3 |
| 0 | 3 | 0 | 0 | 0 | 7 | 5 | 3 |
| | | | | | | | |

2. Functional Area(s) Involved:

(Check appropriate box(es))

| |
|--------------------------|
| <input type="checkbox"/> |
| <input type="checkbox"/> |
| <input type="checkbox"/> |
| <input type="checkbox"/> |

operations
construction
safeguards
other (Specify) _____

| |
|-------------------------------------|
| <input checked="" type="checkbox"/> |
| <input checked="" type="checkbox"/> |
| <input type="checkbox"/> |

onsite health and safety
offsite health and safety
emergency preparedness

3. Description:

(Limit to 100 characters)

| | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S | U | S | P | E | C | T | E | D | I | M | A | R | O | P | E | R | D | I | S | P | O | S |
| A | L | O | F | R | A | D | I | O | A | C | T | I | V | E | M | A | T | E | R | I | A | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |

4. Source of Allegation:

(Check appropriate box)

| |
|-------------------------------------|
| <input type="checkbox"/> |
| <input type="checkbox"/> |
| <input type="checkbox"/> |
| <input type="checkbox"/> |
| <input checked="" type="checkbox"/> |

contractor employee
licensee employee
NRC employee
organization (Specify) _____
other (Specify) _____

| |
|--------------------------|
| <input type="checkbox"/> |
| <input type="checkbox"/> |
| <input type="checkbox"/> |

security guard
news media
private citizen

FORMER LICENSEE EMPLOYEE

5. Date Allegation Received:

| | | |
|----|----|----|
| MM | DD | YY |
| 1 | 0 | 3 |
| 0 | 8 | 4 |

6. Name of Individual Receiving Allegation:

(First two initials and last name)

C. R. POWE

7. Office:

| | | | |
|--|--|--|--|
| | | | |
|--|--|--|--|

ACTION OFFICE

8. Action Office Contact:

(First two initials and last name)

J. D. KUMEMAN

9. FTS Telephone Number:

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 4 | 8 | 8 | - | 1 | 2 | 5 | 2 |
|---|---|---|---|---|---|---|---|

10. Status:

(Check one)

| |
|-------------------------------------|
| <input type="checkbox"/> |
| <input checked="" type="checkbox"/> |

Open, if followup actions are pending or in progress
Closed, if followup actions are completed

11. Date Closed:

| | | |
|----|----|----|
| MM | DD | YY |
| 1 | 1 | 2 |
| 1 | 8 | 8 |

12. Remarks:

(Limit to 50 characters)

| | | | | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |

13. Allegation Number:

| | | |
|--------|------|--------|
| Office | Year | Number |
| RI | 84 | A-0173 |

PAGE OF
PREPARED BY:

C. Rowe

DATE: 10-30-84

ACTION REQUIRED (TO BE COMPLETED BY OAC AFTER INITIAL PANEL MEETING):

REVIEWED BY:

DATE:

BY THE PRIVACY ACT"

ALLEGATION RECEIPT

REPORT

NAME:

ALLEGATION: SUSPECTED
IMPROPER DISPOSAL
OF RADIOACTIVE MATERIAL

FACILITY:

Harvard University

ADDRESS:

FILE NO: ~~CONFIDENTIAL~~

DATE: 10-30-84

TIME: 4:35 P.M.

PHONE:

617-862-6252

CONFIDENTIALITY
REQUESTED:

YES

NO

DOC NO:

030-00753

SUMMARY OF INFORMATION:

5 stated that 100-150 gallons of liquid waste that contained P-32 was dumped into the sanitary sewer system via a closet drain in Building 16 Divinity Avenue "Radioisotope Lab". This happened in October 1979 when Mr. Edward Lenhoff was the facility manager. He stated that he did not know the activity of the liquid and did not know if it exceeded regulatory limits.

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