

OHIO UNIVERSITY
ATHENS, OHIO 45701

ENVIRONMENTAL HEALTH AND SAFETY
HUDSON HEALTH CENTER

August 23, 1982

Mr. D. J. Sreniawski, Chief
Materials Radiation Protection
Section 2
United States Nuclear Regulatory Commission
Region III
799 Roosevelt Road
Glen Ellyn, Illinois 60137

Dear Mr. Sreniawski:

In answer to your letter of August 10, 1982 concerning a Nuclear Regulatory Commission inspection of Ohio University Broad License (No. 34-01260-09), I offer the following information:

1. Appendix - Notice of Violation #1:
 - a. Corrective action taken and results achieved. A memo was sent to each licensee stating the Regulation Section 6.4.5.1 that eating, drinking, smoking and application of cosmetics are prohibited in areas where radioactive materials are used. After two weeks, an inspection of all laboratories was made and no violations were observed.
 - b. Corrective action to avoid further noncompliance.
An inspection will be made approximately every two weeks.
 - c. Date of full compliance - September 1, 1982.
2. Appendix - Notice of Violation #2:
 - a. Corrective action taken and results achieved.
A Radiation Safety Committee meeting will be scheduled prior to the start of each quarter rather than scheduling meetings when there is a need. Results of this scheduling method will be evaluated at the end of each year.
 - b. Corrective action to avoid further noncompliance.
See Part 2, Section a.
 - c. Date of full compliance - August 10, 1983.

8210130598 820917
NMS LIC30
34-01260-09 PDR

SEP 10 1982

3. Appendix - Notice of Violation #3:

- a. Corrective action taken and results achieved.

A standard form has been developed that includes not only the check for contamination but also the dose equivalent rate determination at the surface of the outer radioactive material package. The forms will be completed and attached to the appropriate requisition.

- b. Corrective action to avoid further noncompliance.

The form described in 3 (a) will be used each time a shipment of radioactive material is received.

- c. Date of full compliance - as soon as the forms are printed and received which will be close to September 15, 1982.

4. Appendix - Notice of Violation #4:

- a. Corrective action taken and results achieved.

Corrective action has been taken and the individual cited is providing the bioassays. The problem that existed was the individual was also an employee with the National Institute of Safety and Health and was spending most of his time away from the University. The solution to the problem was to provide bioassay containers at the times he was on campus.

- b. Corrective action to avoid further noncompliance.

I believe the corrective action taken will avoid further noncompliance.

- c. Date of full compliance - full compliance has been achieved.

5. Appendix - Notice of Violation #5:

- a. Corrective action taken and results achieved.

The sources indicated are being checked at three-month intervals.

- b. Corrective action to avoid further noncompliance.

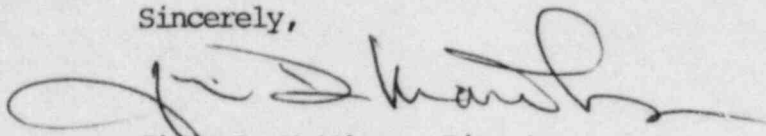
Dates of testing are placed on an agenda calendar.

Mr. D. J. Sreniaswki
Page Three
August 23, 1982

5. Appendix - Notice of Violation #5 Continued:

c. Date when full compliance achieved - June 1, 1981.

Sincerely,

A handwritten signature in cursive script, appearing to read "Jimmy D. Matthews". The signature is written in dark ink and is positioned above the typed name.

Jimmy D. Matthews, Director
Environmental Health and Safety;
Health Physicist

JDM:dmc

Enclosure

xc: Dr. Carol C. Harter

RECEIVED AUG 12 1982



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION III
799 ROOSEVELT ROAD
GLEN ELLYN, ILLINOIS 60137

AUG 10 1982

Ohio University
ATTN: Carol C. Harter
Vice President and Dean
of Students
Athens, Ohio 45701

License No. 34-01260-09

Gentlemen:

This refers to the routine safety inspection conducted by Ms. E. Matson of this office on May 26, June 29 and 30, 1982, of activities authorized by NRC Byproduct Material License No. 34-01260-09 and to the discussion of our findings with Mr. T. Kohan and Mr. J. Matthews at the conclusion of the inspection.

The inspection was an examination of activities conducted under your license as they relate to radiation safety and to compliance with the Commission's rules and regulations and with the conditions of your license. The inspection consisted of a selective examination of procedures and representative records, observations, independent measurements, and interviews with personnel.

During this inspection, certain of your activities appeared to be in non-compliance with NRC requirements, as specified in the enclosed Appendix. A written response is required.

The responses directed by this letter (and the accompanying Notice) are not subject to the clearance procedures of the Office of Management and Budget as required by the Paperwork Reduction Act of 1980, PL 96-511.

We will gladly discuss any questions you have concerning this inspection.

Sincerely,

D. J. Sieniewski, Chief
Materials Radiation Protection
Section 2

Enclosure: Appendix,
Notice of Violation

cc w/encl:
DMB/Document Control Desk (RIDS)
→ Jimmy Matthews, RSO
Hudson Health Center

~~82-813-124~~

Appendix

NOTICE OF VIOLATION

Ohio University

License No. 34-01260-09

As a result of the inspection conducted on May 26, June 29 and 30, 1982, and in accordance with the NRC Enforcement Policy, (10 CFR 2, Appendix C), the following violations were identified:

1. License Condition No. 21 requires that licensed material be possessed and used in accordance with the statements, representations, and procedures contained in certain referenced applications and letters.

The referenced application dated January 31, 1979, states in Section 6.4.5.1 that eating, drinking, smoking and application of cosmetics are prohibited in areas where radioactive materials are used.

Contrary to the above, coffee pots were observed in two Irvine Hall laboratory areas where radioisotopes were in use on May 26, 1982, and in one laboratory area on July 29, 1982.

This is a Severity Level IV violation (Supplement VI).

2. License Condition No. 21 requires that licensed material be possessed and used in accordance with the statements, representations, and procedures contained in certain referenced applications and letters.

The referenced letter dated August 28, 1974, states that the Radiation Safety Committee will meet at least quarterly.

Contrary to the above, the Radiation Safety Committee failed to meet from January 1979, to September 1979, and from September 1979, to February 1980, and from July 1980, to May 1981. These periods exceed one calendar quarter.

This is a Severity Level IV violation (Supplement VI).

3. License Condition No. 21 requires that licensed material be possessed and used in accordance with the statements, representations, and procedures contained in certain referenced applications and letters.

The referenced letter dated April 11, 1980, states in Item 4 that incoming packages of radioactive materials are monitored for external radiation and all results are recorded.

Contrary to the above, since the inception of the requirement on June 24, 1982, records have not been maintained of results of package monitoring performed.

This is a Severity Level V violation (Supplement VI).

4. License Condition No. 21 requires that licensed material be possessed and used in accordance with the statements, representations, and procedures contained in certain referenced applications and letters.

The referenced letter dated August 28, 1974, states that individuals using one to nine millicuries of hydrogen-3 will have bioassays monthly.

Contrary to the above, an individual who used 1.4 millicuries of hydrogen-3 in January 1982, did not receive a bioassay until April 16, 1982.

This is a Severity Level IV violation (Supplement VI).

5. License Condition No. 14.c states each sealed source containing licensed material, other than hydrogen-3, with a half-life greater than thirty days and in any form other than gas shall be tested for leakage and/or contamination at intervals not to exceed six months except that each source designed for the purpose of emitting alpha particles shall be tested at intervals not to exceed three months.

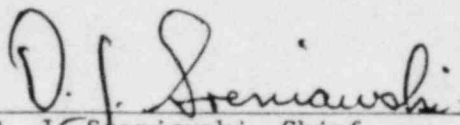
Contrary to the above, a 67 microcurie and a 50 microcurie curium-244 sealed source designed and used as alpha emitting internal check sources for detectors were not leak tested at three month intervals. Specifically, they were leak tested on March 10, 1981, September 21, 1981, and April 1, 1982, intervals greater than three months.

This is a Severity Level V violation (Supplement VI).

Pursuant to the provisions of 10 CFR 2.201, you are required to submit to this office within thirty days of the date of this Notice a written statement or explanation in reply, including for each item of noncompliance: (1) corrective action taken and the results achieved; (2) corrective action to be taken to avoid further noncompliance; and (3) the date when full compliance will be achieved. Consideration may be given to extending your response time for good cause shown.

Dated

8/9/82


D. J. Sreniawski, Chief
Materials Radiation Protection
Section 2

~~82-8134127~~