



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

[Handwritten signature]
C. Files

JUN 18 1979

The University of Chicago
ATTN: Dr. Cedric L. Chernick
Vice President for
Sponsored Programs
5801 Ellis Avenue
Chicago, IL 60637

License No. 12-00509-03

Names of parties and certain other identifying details have been removed in order to prevent a clearly unwarranted invasion of the personal privacy of the individuals involved.

Gentlemen:

This refers to the inspection conducted by Mr. R. A. Paul of this office on May 7, 1979, of activities at the University of Chicago, and to the telephone conversation between you and Mr. A. B. Davis on June 5, 1979.

This also refers to the meeting held on May 30, 1979, in your offices. This meeting was attended by you, Dr. Sugarman, and Mr. Mason of your staff and Dr. Paperella and myself of this office. This acknowledges the receipt of your letter dated June 1, 1979, confirming the uptake of I-125 by a University employee.

This inspection was conducted to review circumstances surrounding the uptake of I-125 by a University Employee which your staff reported to us by telephone on April 27, 1979.

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, and interviews with personnel.

During this inspection, certain of your activities appeared to be in noncompliance with NRC requirements, as described in the enclosed Appendix A.

With respect to item 1 in Appendix A, information provided at the meeting showed that action had been taken to correct the identified noncompliance and to prevent recurrence. Consequently, no reply to this noncompliance is required and we have no further questions regarding this matter at this time.

This notice is sent to you pursuant to the provisions of Section 2.201 of the NRC's "Rules of Practice," Part 2, Title 10, Code of Federal Regulations. Section 2.201 requires you to submit to this

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JUN 18 1979

University of Chicago - 2 -

to determine compliance with the uptake limits of 10 CFR 20.103(a)(3) and 10 CFR 20.103(b)(2) for the first calendar quarter of 1979.

This is a repeat item of noncompliance.

3. 10 CFR 20.103(b)(2) requires that whenever the intake of radioactive material by any individual exceeds that which would result from inhalation of such material for forty hours at the uniform concentrations specified in 10 CFR 20, Appendix B, Table 1, Column 1, you make such evaluations and take such actions as are necessary to assure against recurrence. 10 CFR 20.103(b)(2) further requires that you maintain records of such occurrences, evaluations, and actions taken in a clear and readily identifiable form suitable for summary review and evaluation.

Contrary to this requirement, your records and statements of your employees show you failed to maintain a record in clear and readily identifiable form suitable for summary review and evaluation of actions taken to assure against recurrence of an uptake of iodine-125 in excess of the above forty hour limit that occurred on April 24, 1979, in Laboratory P-616 of Billings Hospital.

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The University of Chicago - 3 -

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JUN 18 1979

the NRC's Public Document Room, except as follows. If the enclosures contain information that you or your contractors believe to be proprietary, you must apply in writing to this office, within twenty days of your receipt of this letter, to withhold such information from public disclosure. The application must include a full statement of the reasons for which the information is considered proprietary, and should be prepared so that proprietary information identified in the application is contained in an enclosure to the application.

I have enclosed copies of the information you requested in our telephone conversation on June 5, 1979.

Sincerely,

A. B. Davis, Chief
Fuel Facility and
Materials Safety Branch

Enclosure: Appendix A,
Notice of Violation

cc w/encl:
Central Files
Reproduction Unit NRC 20b
PDR
NSIC

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