

NOTICE OF VIOLATION

V.A. Edward Hines, Jr.
Medical Center
Hines, IL 60141-5000

License No. 12-01087-07
Docket No. 030-01391

During an NRC inspection conducted on July 1, 1993, violations of NRC requirements were identified. In accordance with the "General Statement of Policy and Procedure for NRC Enforcement Actions," 10 CFR Part 2, Appendix C the violations are listed below:

1. 10 CFR 20.1501 requires that each licensee make or cause to be made surveys that may be necessary for the licensee to comply with the regulations in Part 20 and that are reasonable under the circumstances to evaluate the extent of radiation levels, concentrations or quantities of radioactive materials, and the potential radiological hazards that could be present.

Pursuant to 10 CFR 20.1003, survey means an evaluation of the radiological conditions and potential hazards incident to the production, use, transfer, release, disposal, or presence of radioactive material or other sources of radiation.

Condition 22 of License No. 12-01087-07 requires that licensed material be possessed and used in accordance with statements, representations and procedures contained in an application dated June 15, 1984, and an application received on August 29, 1990.

The referenced application dated June 15, 1984, states in Item 17 that all areas where greater than 200 microcuries of radioactive material is used in a week will be surveyed for removable contamination weekly.

Contrary to the above, as of June 16, 1993, the licensee did not make necessary surveys to assure compliance with the above referenced statements. Specifically, the licensee performed weekly surveys of removable contamination in the compactor room and counted the wipes on an instrument (NaI detector) which was incapable of measuring the radiation from some of the radioactive materials, specifically, pure beta emitting radionuclides brought into the room for compaction and storage incident to disposal.

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

2. Condition 22 of License No. 12-01087-07 requires that licensed material be possessed and used in accordance with statements, representations and procedures contained in an application received August 29, 1990 and an application dated February 25, 1992.

- A. Item 10.4 Safe Use of Radiopharmaceuticals in application received August 29, 1990 states that the licensee will establish and implement the model safety rules published in Appendix I to Regulatory Guide 10.8, Revision 2.

Model Rule 3. of Appendix I of the referenced regulatory guide states "Either after each procedure or before leaving the area, monitor your hands for contamination in a low-background area with a crystal probe or camera."

Contrary to the above, on the day of the inspection, several individuals (student trainees) were observed to have failed to check their hands after performing a procedure using radiopharmaceuticals and before leaving the area.

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

- B. Item 9.3 Facilities and Equipment of the referenced application dated February 25, 1992, for possession and use of a J.L. Shepherd Model 143-45A irradiator states, in part, that the fire fighters are normally trained by radiation safety with regard to other uses of by-product material, but will be additionally trained in hazards and methods associated with high activity sealed source fires.

Contrary to the above, the licensee since April 1992 has failed to provide additional training to fire fighters in hazards and methods associated with high activity sealed source fires.

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

3. 10 CFR 30.41(c) requires that, prior to transferring byproduct material, the licensee verify that the transferee's license authorizes the receipt of the type, form, and quantity of byproduct material to be transferred. 10 CFR 30.41(d) specifies acceptable methods for this verification.

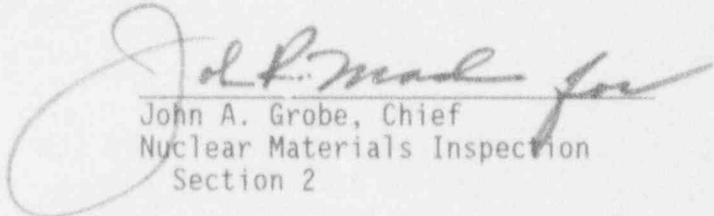
Contrary to the above, on February 10, 1994, the licensee transferred 75.6 millicuries of mixed radioactive waste to ADCO Inc., and prior to the transfer, the licensee did not verify by an acceptable method that the transferee's license authorized receipt of this material.

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

Pursuant to the provisions of 10 CFR 2.201, V.A. Edward Hines, Jr. Medical Center is hereby required to submit a written statement or explanation to the U.S. Nuclear Regulatory Commission, Region III, 801 Warrenville Road, Lisle, Illinois 60532-4351, within 30 days of the date of the letter transmitting this Notice of Violation (Notice). This reply should be clearly marked as a "Reply to a Notice of Violation" and should include for each violation: (1) the reason for the violation, or, if contested, the basis for disputing the violation, (2) the corrective steps that have been taken and the results achieved, (3) the corrective steps that will be taken to avoid further violations, and (4) the date when full compliance will be achieved. If an adequate reply is not received within the time specified in this Notice, an order or a demand for information may be issued as to why the license should not be modified, suspended, or revoked, or why such other action as may be proper should not be taken. Where good cause is shown, consideration will be given to extending the response time.

MAR 23 1994

Dated _____


John A. Grobe, Chief
Nuclear Materials Inspection
Section 2