

NOTICE OF VIOLATION

St. Elizabeth Hospital
Medical Center
Youngstown, Ohio

License No. 34-01131-01
License No. 34-01131-03

During an NRC inspection conducted on August 18, 1992, 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 (1992), the violations are listed below:

1. 10 CFR 20.301 requires that no licensee dispose of licensed material except by certain specified procedures.

Contrary to the above, on or about March 25, 1992, the licensee sent approximately 127 microcuries of barium-133 in a sealed source for disposal in the normal trash, a method not authorized by 10 CFR 20.301.

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

2. 10 CFR 35.205(c) requires, in part, that before receiving, using, or storing a radioactive gas, the licensee calculate the amount of time needed after a spill to reduce the concentration in the room to the occupational limit listed in 10 CFR Part 20, Appendix B.

10 CFR 35.205(d) requires, in part, that a licensee post the safety measures to be instituted in case of a spill of a radioactive gas at the area of use and the calculated time needed after a spill to reduce the concentration to the occupational limit listed in 10 CFR Part 20, Appendix B.

Contrary to the above, since January 1990, the licensee, used xenon-133 gas and failed to make the calculations required in Paragraph (c) of this section. In addition, the licensee failed to post safety measures to be instituted in case of a spill of xenon-133 at the area of use.

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

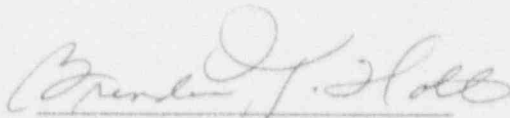
3. 10 CFR 35.315(a)(8) requires, in part, that a licensee measure the thyroid burden of each individual who helped prepare or administer dosages of iodine-131 in amounts that required the patient to be hospitalized for compliance with 10 CFR 35.75, and that the measurements be performed within three days after the administration of the dosage.

Contrary to the above on June 24, 1992, the licensee administered to a patient 148 millicuries of iodine-131, a dosage which requires hospitalization for compliance with 10 CFR 35.75, and the licensee did not measure the thyroid burden of the technologist who administered this dosage.

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

Pursuant to the provisions of 10 CFR 2.201, St. Elizabeth Hospital Medical Center is hereby required to submit a written statement or explanation to the U.S. Nuclear Regulatory Commission, Region III, 799 Roosevelt Road, Glen Ellyn, Illinois, 60137, 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.

10/8/92
Dated


Brenda J. Holt, Chief
Nuclear Materials Inspection
Section 1