

NOTICE OF VIOLATION

Elyria Memorial Hospital
Elyria, Ohio

License No. 34-04307-02
Docket No. 030-02727

During an NRC inspection conducted on March 24, 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 (1991), the violations are listed below:

1. 10 CFR 35.21(a) requires that the licensee, through the Radiation Safety Officer, ensure that radiation safety activities are being performed in accordance with approved procedures. The licensee's procedures for dose calibrator testing are described in the letter dated March 29, 1988, and were approved by License Condition No. 18.

The letter dated March 29, 1988 states in Item 1 and Attachment 9.3 that the dose calibrator will be checked for accuracy on an annual basis, using cobalt-57, barium-133, and cesium-137 sealed sources.

Contrary to the above, as of March 24, 1992, the last dose calibrator accuracy check conducted in August 1991, failed to include use of a cobalt-57 source.

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

2. 10 CFR 35.21(a) requires that the licensee, through the Radiation Safety Officer, ensure that radiation safety activities are being performed in accordance with approved procedures. The licensee's procedures for safely opening packages containing radioactive material are described in the application received June 29, 1987, and were approved by License Condition No. 18.

The application received June 29, 1987 states in Item 14, Appendix F, that a packages' final source container shield will be wiped and checked for removable contamination.

Contrary to the above, in 1991 to the date of this inspection on March 24, 1992, the licensee routinely failed to wipe test for removable contamination incoming radioactive material packages or its final source container shield.

This is a Severity Level IV violation (Supplement VI)

3. 10 CFR 35.50(e)(3) requires, in part, that records of quarterly dose calibrator linearity tests include the signature of the Radiation Safety Officer.

License Condition No. 17 requires that the Radiation Safety Officer review and initial records of dose rate and contamination surveys on a quarterly basis.

Contrary to the above, as of March 24, 1992, the licensee's records of dose calibrator linearity tests performed in May and October 1990, August and November 1991, and February 1992, did not include the signature/initials of the Radiation Safety Officer. In addition, the Radiation Safety Officer did not initial records of dose rate and contamination surveys performed on a daily and weekly basis in the nuclear medicine department during 1991 and 1992 through March 1992.

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

4. 10 CFR 35.205(b) 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, in 1991 through March 24, 1992, the licensee used radioactive xenon-133 gas in its two nuclear medicine department scanning areas and did not post the safety measures to be instituted in case of a spill of xenon-133 gas or the calculated time needed after a spill to reduce the concentration to the occupational limit listed in 10 CFR Part 20, Appendix B.

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

Pursuant to the provisions of 10 CFR 2.201, Elyria Memorial Hospital 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 may be issued to show cause 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.

APR 13 1992

Dated _____

William Schultz
William Schultz, Chief
Nuclear Materials Inspection
Section 1