

NOTICE OF VIOLATION

Memorial Hospital
Burlington, Wisconsin

License No. 48-18803-01

As a result of the inspection conducted on January 31, 1990, and in accordance with the "General Statement of Policy and Procedure for NRC Enforcement Actions," 10 CFR Part 2, Appendix C, (1989) (Enforcement Policy) the following violations were identified:

1. License Condition No. 17 requires that licensed material be possessed and used in accordance with statements, representations and procedures contained in an application dated March 14, 1985.

Item 7(b) submitted with that application requires that the Radiation Safety Committee meet at least quarterly.

Contrary to the above, the licensee's Radiation Safety Committee failed to meet during the first quarter of 1987 (December 10, 1986 to May 29, 1987), the third and fourth quarters of 1988 (June 20, 1988 to January 18, 1989) and second and fourth quarters of 1989 (January 18, 1989 to July 12, 1989 and July 12, 1989 to the day of the inspection, January 31, 1990).

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

2. License Condition No. 17 requires that licensed material be possessed and used in accordance with statements, representations and procedures contained in an application dated March 14, 1985.

Item 7(a) submitted with that application describes the duties and responsibilities of the Radiation Safety Committee (RSC). Paragraph Nine (9) of the section describing the duties of the RSC requires the Committee to ensure that the Byproduct Material License is amended, when necessary, prior to any changes in facilities, equipment, policies, procedures and personnel.

Contrary to the above, it was determined from a review of records and from statements of licensee representatives that the Nuclear Medicine Department was moved from the East Wing of the hospital to Room 146 of the West Wing sometime in July of 1988, and the licensee failed to amend the license to reflect that move.

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

3. License Condition No. 17 requires that licensed material be possessed and used in accordance with statements, representations and procedures contained in an application dated March 14, 1985.

9002280156 900210
REG3 LIC30
48-18803-01 PDC

Item 10 submitted with that application requires the licensee to assay a Cesium-137 source (approximately 200 microcuries) in the dose calibrator daily in the Cesium-137 setting on the instrument, and assayed daily in other radionuclide settings routinely used in the department. In addition the linearity of the dose calibrator will be established quarterly.

Contrary to the above, the licensee failed to perform daily assays of their Cesium-137 in the Technetium-99m setting, and the licensee has routinely used technetium-99m in the Nuclear Medicine department since December 21, 1986. In addition, the licensee failed to establish linearity of the dose calibrator during the fourth quarter of 1988 (August 16, 1988 to January 2, 1989), and during the third quarter of 1989 (June 19, 1989 to November 15, 1989).

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

4. License Condition No. 16, requires that radioactive material held for decay in storage be monitored to determine that its radioactivity cannot be distinguished from background with typical low-level laboratory survey instruments and generator columns shall be segregated so that they may be monitored separately to ensure decay to background levels prior to disposal.

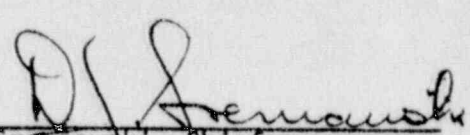
Contrary to the above, the licensee disposed of radioactive material held for decay-in-storage and failed to segregate generator columns to ensure decay to background levels prior to disposal. Specifically, the licensee disposed of radioactive material including generator columns in normal trash on October 28, 1987, when that material read 0.13 mr/hr at contact, on April 28, 1988, with a contact reading of 0.09 mr/hr (background readings were not recorded), on January 16, 1989, with a contact reading of 0.1 mr/hr, and background reading of 0.05 mr/hr.

This is a Severity Level IV 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 violation: (1) the corrective steps that have been taken and the results achieved; (2) the corrective steps that will be taken to avoid further violations; and (3) the date when full compliance will be achieved. Consideration may be given to extending your response time for good cause shown.

Dated

2/10/90


D. J. Sreniawski, Chief
Nuclear Materials Safety
Section 1