

NOTICE OF VIOLATION

Milwaukee Diagnostic Services  
Milwaukee, Wisconsin

License No. 48-26493-01  
Docket No. 030-33145

During an NRC inspection conducted on February 23 and 25, 1994 with continuing NRC review through March 23, 1994, 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:

10 CFR 35.50(b)(2) requires, in part, that each dose calibrator be tested for accuracy upon installation by assaying at least two sealed sources containing different radionuclides.

10 CFR 35.50(b)(4) requires, in part, that a licensee test each dose calibrator for geometry dependence upon installation over the range of volumes and volume configurations for which it will be used.

Contrary to the above:

The dose calibrator was not tested for accuracy by assaying at least two sealed sources containing different radionuclides. Specifically, the dose calibrator was calibrated with one radionuclide when it was installed in August 1993.

The dose calibrator was not tested for geometry dependence over the range of volumes and volume configurations for which it is used. Specifically, upon installation of the dose calibrator in August 1993, the geometrical dependence test was performed using only a 5 milliliter syringe rather than a 3 milliliter syringe and a 10 milliliter vial that are used for patient doses.

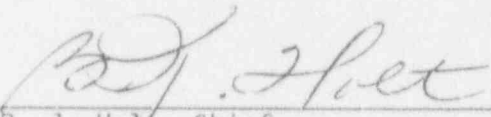
These are Severity Level IV violations (Supplement VI).

Pursuant to the provisions of 10 CFR 2.201, Milwaukee Diagnostic Services 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.

APR 8 1994

Dated \_\_\_\_\_

  
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B. J. Holt, Chief  
Nuclear Materials Inspection  
Section 1