

NOTICE OF VIOLATION

Caylor-Nickel Medical Center
Bluffton, Indiana

License No. 13-01629-03
Docket No. 030-01596

During an NRC inspection conducted from January 28 through February 7, 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:

1. Condition 14.A. of License No. 13-01629-03 requires that licensed material be possessed and used in accordance with statements, representations and procedures contained in an application dated July 21, 1989.

Item 10.13 of the section of this application states that Appendix C, Regulatory Guide 10.8, Revision 2 will be followed for dose calibrator calibration.

Appendix C states in part, that the dose calibrator will be checked for constancy by assaying each reference source using the appropriate dose calibrator setting.

Contrary to the above, on numerous occasions since January 1990, the dose calibrator was not checked for constancy by assaying each reference source using an appropriate dose calibrator setting. Specifically, dose calibrator settings for iodine-131 and xenon-133 were not checked for constancy on days of use.

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

2. Condition 18.A. of License No. 13-01629-03 requires that licensed material be possessed and used in accordance with statements, representations and procedures contained in an application dated October 6, 1986.

Item 21 of the section of this application entitled "Procedures and Precautions for Use of Radioactive Gases" requires, in part, that in the event of an accidental release of xenon-133 from the hot lab and scanning rooms will be evacuated for two air exchanges.


Contrary to the above, on January 13, 1994, a vial containing approximately six millicuries of xenon-133 gas was accidentally broken during an imaging procedure resulting in the release of xenon-133 gas and the scanning room was not evacuated until the completion of a perfusion lung scan.

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

Pursuant to the provisions of 10 CFR 2.201, Caylor-Nickel 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.

FEB 22 1994

Dated _____


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