

Mulay

Caylor-Nickel

Medical Center

One Caylor-Nickel Square
Bluffton, Indiana 46714
219-824-3500

March 1, 1994

B.J. Holt, Chief
Nuclear Materials Inspection, Section 1
U.S. Nuclear Regulatory Commission
Region III
801 Warrenville Road
Lisle, IL 60532-4351

Ref: Caylor-Nickel Medical Center
License No. 13-01629-03
Docket No. 030-01596

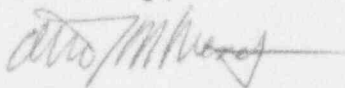
Dear Mr. Holt,

In reply to your notice of violation letter, dated 22 February, 1994, the following corrective actions have been taken.

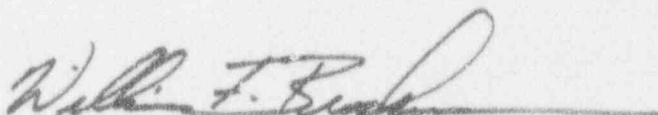
- 1) Violation 1: The dose calibrator will be checked for constancy by assaying each reference source using an appropriate dose calibrator setting. Dose calibrator settings for Iodine-131 and Xenon-133 are now being done daily whether used or not. This was a misinterpretation between Regulatory Guide 10.8 Appendix C and the Part 35.50 a.1 which states "a frequently used setting".
- 2) Violation 2: A new policy regarding evacuation of scanning room in the event of a Xenon spill has been implemented. The policy states in part "the scanning room will be evacuated immediately, not after performing a perfusion scan". The technologist knew the need to evacuate the room but felt the performance of the perfusion scan in an "emergency" patient superseded "immediate" evacuation. The actual dose received by the technologist is being calculated and will be on file for the next inspection.

It is hoped these procedural changes bring Caylor-Nickel into compliance.

Sincerely,



Otto Kunst, M.D.
Radiation Safety Officer



William Brockmann, FACHE
President & CEO

One Caylor-Nickel Square
Bluffton, Indiana 46714


XENON SPILL EVACUATION POLICY

IN THE EVENT OF AN ACCIDENTAL XENON GAS SPILL SCANNING
ROOM WILL BE EVACUATED IMMEDIATELY.

THE DOOR TO THE WAITING AREA WILL BE SHUT AND THE ROOMS WILL
BE EVACUATED FOR TWO (2) COMPLETE AIR EXCHANGES ACCORDING TO
THE AIR EXCHANGE CHART ON THE "HOT LAB" WINDOW.

THE PATIENT AND PERSONNEL WILL EVACUATE IMMEDIATELY, NO
MATTER WHAT THE CONDITION OF THE PATIENT. THE PATIENT WILL
EITHER HAVE TO BE HELD OUTSIDE THE ROOM FOR THE AIR EXCHANGE
OR SENT BACK TO THE HOSPITAL UNTIL THE TWO (2) AIR EXCHANGES
HAVE BEEN COMPLETED.

THIS POLICY IS IN COMPLIANCE WITH THE NRC REGULATIONS.

D. UPTGRAFT, R.T. 
SUPERVISOR NUCLEAR MEDICINE
1-31-94