

NOTICE OF VIOLATION

Hearst Institute of Michigan
Kalamazoo, Michigan

Docket No. 030-17349
License No. 21-18912-01

As a result of the inspection conducted on January 18, 1991, and in accordance with the "General Statement of Policy and Procedure for NRC Enforcement Actions," 10 CFR Part 2, Appendix C, (1990) (Enforcement Policy) the following violations were identified:

1. 10 CFR 35.50(e)(3) requires the RSO's signature on records of quarterly dose calibrator linearity tests. 10 CFR 35.59(d) requires the RSO's signature on records of sealed source leak tests. 10 CFR 35.59(g) requires the RSO's signature on records of quarterly physical inventories sealed sources.

Contrary to the above, as of January 18, 1991, the licensee's records for dose calibrator linearity tests, leak test results and quarterly physical inventories of sealed sources did not contain the signature of the RSO. Specifically, the sealed source inventory performed June 13, 1990; the leak test performed September 19, 1990; and linearities dated August 12, 1988, November 3, 1988, February 14, 1989, May 4, 1989, February 13, 1990, May 7, 1990, July 31, 1990, and November 9, 1990 lacked the required RSO signature.

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

2. 10 CFR 20.201(b) requires that each licensee make such surveys as may be necessary to comply with the requirements of Part 20 and which are reasonable under the circumstances to evaluate the extent of radiation hazards that may be present. As defined in 10 CFR 20.201(a), "survey" means an evaluation of the radiation hazards incident to the production, use, release, disposal, or presence of radioactive materials or other sources of radiation under a specific set of conditions.

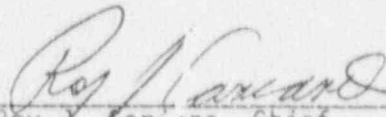
Contrary to the above, as of January 18, 1991, the licensee did not make surveys to assure compliance with that part of 10 CFR 20.101 that limits the radiation exposure to the extremities. Specifically, from approximately September 1989 through April 1990, two nuclear cardiology technologists failed to wear their thermoluminescent dosimeter (TLD) finger monitor badges and an evaluation of radiation exposure they received was not performed.

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

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.

FEB 14 1991

Dated _____



Roy J. Caniano, Chief
Nuclear Materials Safety
Section 2