

AUG 18 1982

APPENDIX A

NOTICE OF VIOLATION

Veterans Administration Hospital  
Boston, Massachusetts 02130

Docket No. 30-01815  
License No. 20-00671-02

As a result of the inspection conducted on July 7, 1982, and in accordance with the NRC Enforcement Policy (10 CFR 2, Appendix C), the following violations were identified:

A. 10 CFR 20.201(b) requires that each licensee make such surveys as may be necessary to comply with all sections of Part 20. 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.

1. Contrary to the above, as of July 7, 1982, adequate surveys to assure compliance with that part of 10 CFR 20.101 that limits the radiation exposure to the extremities of individuals were not made.

Specifically, the evaluation of the radiation dose to the hands and fingers of an individual in Nuclear Medicine, was inadequate in that the individual wore the ring badge on the fifth finger of the left hand and injected doses with the right hand.

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

2. Contrary to the above, no surveys were made to determine that individuals who handled significant quantities of iodine-131 were not exposed to airborne concentrations exceeding the limits specified in 10 CFR 20.103. Specifically, no surveys (evaluations, including air monitoring and thyroid monitoring where applicable) were made during the handling and dilution of up to 10 millicuries of iodine-131 received on February 4, April 12, and May 24, 1982.

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

B. Condition 17 of License No. 20-00671-02 requires that licensed material be possessed and used in accordance with statements, representations and procedures contained in application dated July 30, 1974.

Item 11 of this application requires that survey meters be calibrated biannually.

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Contrary to the above, as of July 7, 1982, survey meters were calibrated annually rather than biannually in 1980 and 1981.

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

Pursuant to the provisions of 10 CFR 2.201, Veterans Administration Hospital is hereby required to submit to this office within thirty days of the date of this Notice, a written statement or explanation in reply, including; (1) the corrective steps which have been taken and the results achieved; (2) corrective steps which will be taken to avoid further violations; and (3) the date when full compliance will be achieved. Where good cause is shown, consideration will be given to extending this response time.