

APPENDIX A  
NOTICE OF VIOLATION

The Medical Center at Princeton  
Princeton, New Jersey 08540

Docket Nos. 030-02489  
030-00357  
License Nos. 29-06750-01  
29-06750-02

As a result of the inspection conducted on March 23, 1990, and in accordance with the "General Statement of Policy and Procedure for NRC Enforcement Actions," 10 CFR Part 2, Appendix C (Enforcement Policy) (1988), the following violations were identified:

- A. 10 CFR 35.75(a) requires that a licensee not authorize release from confinement for medical care any patient administered a radiopharmaceutical until either the measured dose rate from the patient is less than 5 millirems per hour at a distance of one meter or the activity in the patient is less than 30 millicuries.

Contrary to the above, on April 8, 1989, a patient to whom 30.3 millicuries of iodine-131 was administered was immediately released from the hospital. No measurement of the dose rate from the patient was made; nor was the patient confined until the activity was less than 30 millicuries.

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

- B. 10 CFR 35.205(e) requires, in part, that licensees check the operation of collection systems for radioactive gases each month.

Contrary to the above, the operation of the collection system for radioactive gases (xenon-133) was not checked during June, July, November and December, 1989, and January 1990 and xenon-133 gas was used during these months.

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

- C. 10 CFR 35.315(a)(8) requires that licensees, for each patient receiving radiopharmaceutical therapy and hospitalized for compliance with 10 CFR 35.75, measure the thyroid burden of each individual who helped prepare or administer a dosage of iodine-131 within three days after administering the dosage.

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Contrary to the above, as of July 31, 1989, the thyroid burden was not measured for an individual who prepared and administered a dosage of iodine-131 to a patient in amounts requiring hospitalization in accordance with the requirements of 10 CFR 35.75 on July 18, 1989.

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

Pursuant to the provisions of 10 CFR 2.201, The Medical Center of Princeton is hereby required to submit to this office within thirty days of the date of the letter which transmitted 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.