

APPENDIX A

NOTICE OF VIOLATION

Diagnostic Radiology Associates  
Waterbury, Connecticut 06708

Docket No. 030-19183  
License No. 06-19749-01

As a result of the inspection conducted on October 8, 1985, and in accordance with the NRC Enforcement Policy (10 CFR 2, Appendix C), the following violations were identified:

- A. 10 CFR 35.14(e)(2) requires that records of leak test of calibration or reference sources possessed pursuant to 10 CFR 35.14(d) be maintained for inspection by the Commission.

Contrary to the above, as of October 8, 1985, records were not maintained of leak tests conducted prior to November 1984 on calibration or reference sources containing more than 100 microcuries each.

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

- B. Condition 14 of License No. 06-19749-01 requires that licensed material be possessed and used in accordance with the statements, representations and procedures contained in application dated May 4, 1981, except that references to the "NRC Draft License Guide, dated November 1977" shall instead refer to Regulatory Guide 10.8 (Rev. 1).

1. Item 10 of this application states that a radioactive standard will be used to perform the day of use constancy check.

Item 10.b of this application requires that dose calibrators be calibrated in accordance with methods and frequencies as defined in NRC Draft License Guide, dated November 1977, Appendix D, Section 2.

Item I of NRC Draft License Guide, dated November 1977, requires that the predicted activity based upon decay calculations and  $\pm 5\%$  limits be indicated on semi-log graph paper as well as the measured activity in order to determine variations greater than  $\pm 5\%$  from the predicted activity.

Contrary to the above, as of October 8, 1985, the predicted activity,  $\pm 5\%$  limits and measured activity had not been graphed in order to determine variations greater than  $\pm 5\%$ . On August 22 and 29, 1985, the constancy check was not performed even though the dose calibrator had been used to assay doses on those dates.

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2. Item 10.b of this application require that the dose calibrator linearity be determined as defined in NRC Draft License Guide, dated November, 1977, Appendix D, Section 2.

NRC Draft License Guide, dated November, 1977, requires that the linearity test be performed at installation and quarterly thereafter and that a determination be made as to whether the measured net activities are within  $\pm 5\%$  of predicted activities.

Contrary to the above, the linearity test was not performed quarterly during 1982, 1983, 1984 and it was not determined whether the measured net activities were within  $\pm 5\%$  of the predicted activities.

These are Severity Level IV violations. (Supplement VI)

Pursuant to the provisions of 10 CFR 2.201, Diagnostic Radiology Associates 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.