

APPENDIX A
NOTICE OF VIOLATION

John A. Weaver, M.D.
Washington, D.C. 20020

Docket No. 030-20577
License No. 08-21375-01

As a result of the inspection conducted on June 29, 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) requires that sealed calibration or reference sources possessed pursuant to 10 CFR 35.14(d) be tested for leakage and/or contamination at intervals not to exceed six months.

Contrary to the above, as of June 29, 1985, leak tests had never been performed on cesium 137 and barium 133 reference sources which were possessed pursuant to 10 CFR 35.14(d).

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

- B. Condition 16 of License No. 08-21375-01 requires that licensed material be possessed and used in accordance with the statements, representations and procedures contained in an application dated May 9, 1983.

1. Item 17 of this application requires that surveys be performed in accordance with the "Area Survey Procedures" in Appendix I of Regulatory Guide 10.8.

- a. Item 4 of Appendix I requires that monthly wipe tests be performed on designated laboratory areas, that the results evaluated for contamination and that the method be sufficiently sensitive to detect 200 disintegrations per minute per 100 square centimeters.

Contrary to the above, as of June 29, 1985, wipe tests were not adequately evaluated for contamination in that the counting equipment used for the evaluation did not have the required sensitivity.

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

- b. Item E of Appendix I requires that a permanent record of survey results be maintained.

Contrary to the above, as of June 29, 1985, a record had not been kept of weekly wipe tests.

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

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2. Item 10 on page 2 of this application requires that the procedures described in Appendix D, Section 2, of Regulatory Guide 10.8 be used for calibration of dose calibrators.
 - a. Item E.4 of Appendix D, Section 2, requires that in the test for linearity, the net activity measured for each time interval be plotted versus the predicted activity.

Contrary to the above, as of June 29, 1985, the results of linearity tests were not plotted and evaluated as required.

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

- b. Items C.2 and H of Appendix D, Section 2, require that the dose calibrator be checked daily with a long lived standard radionuclide at all commonly used radionuclide settings and that control charts of instrument constancy be maintained.

Contrary to the above, as of June 29, 1985, the required dose calibrator control charts were not maintained.

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

3. Item 14 of this application requires that packages containing radioactive material be opened in accordance with the procedures in Appendix F of Regulatory Guide 10.8.

Item 2.c of Appendix F requires that records be maintained of measurements of exposure rates made at 3 feet from package surfaces.

Contrary to the above, as of June 29, 1985, these exposure rates were not recorded.

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

Pursuant to the provisions of 10 CFR 2.201, John A. Weaver, M.D. 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.