

Appendix A

NOTICE OF VIOLATION

Herrin Hospital

License No. 12-12101-02

As a result of the inspection conducted on August 6, 1981, and in accordance with the Interim Enforcement Policy, 45 FR 66754 (October 7, 1980), the following violations were identified:

1. License Condition No. 16 requires that licensed material be possessed and used in accordance with statements, representations, and procedures contained in application dated July 25, 1980 and letter dated August 19, 1980. Item 10 of the application states the procedures described in Appendix D, Section 2 of the NRC Medical Licensing Guide will be used for calibration of the dose calibrator. Appendix D, Section 2 requires the following checks: (1) Constancy, (± 5 percent) daily; (2) Linearity, at installation and quarterly; (3) Accuracy, at installation and annually; and (4) Geometrical variation, at installation.

Contrary to the above, as of the date of this inspection, the calibration of your dose calibrator was not performed according to all of the above requirements. Specifically, Accuracy, Linearity, and Geometrical variation checks were never performed at installation, and the daily constancy checks were in excess of ± 5 percent from the calculated activity of the cesium-137 standard.

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

2. 10 CFR 35.14(e)(1)(i) requires that sealed sources used as calibration or reference sources be tested for leakage and/or contamination at intervals not to exceed six months. 10 CFR 35.14(e)(2) requires that records of leak test results shall be kept in units of microcuries and maintained for inspection by the Commission.

Contrary to this requirement, a 209 microcurie cesium-137 sealed source was not leak tested since the date of license issuance.

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

3. License Condition No. 16 requires that licensed material be possessed and used in accordance with statements, representations, and procedures contained in application dated July 25, 1980 and letter dated August 19, 1980. Item 9 of this application lists an available survey meter with a maximum range of 1000 mR/hr.

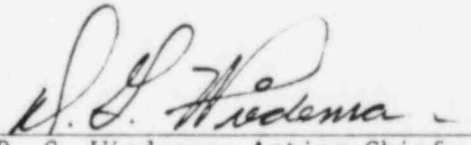
Contrary to the above, as of the date of this inspection, the licensee had a Victoreen, Model 491, Survey Meter, Serial No. 128, with a maximum range of only 100 mR/hr.

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

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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 item of noncompliance: (1) corrective action taken and the results achieved; (2) corrective action to be taken to avoid further noncompliance; and (3) the date when full compliance will be achieved. Under the authority of Section 182 of the Atomic Energy Act of 1954, as amended, this response shall be submitted under oath or affirmation. Consideration may be given to extending your response time for good cause shown.

8-18-81
Date


D. G. Wiedeman, Acting Chief
Materials Radiation Protection
Section 1