

Appendix A

NOTICE OF VIOLATION

Hennepin County Medical Center

License No. 22-11070-01

As a result of the inspection conducted on May 12, 1981, and in accordance with the Interim Enforcement Policy, 45 FR 66754 (October 7, 1980), the following violations were identified:

1. 10 CFR 20.105(b) requires that radiation levels in unrestricted areas be limited so that if an individual were continuously present in the area, he could not receive a dose in excess of two millirems in any hour or 100 millirems in any seven consecutive days.

Contrary to this requirement, on the day of the inspection, within an unrestricted hallway adjoining room 2D52, radiation levels existed of such a magnitude that if an individual had been continuously present in the area, he could have received a dose in excess of 100 millirems in any seven consecutive days.

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

2. 10 CFR 20.201(b), "Surveys," requires you to make surveys such as may be necessary for you to comply with all sections of Part 20. Contrary to this requirement, prior to September 1980, you failed to make such surveys as were necessary to determine that individuals who handled 100 mCi quantities of tritium were not exposed to airborne concentrations exceeding the limits specified in 10 CFR 20.103. Specifically, no urine bioassays were made during the preparation of tritiated sodium borohydride.

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

3. 10 CFR 34.14(e)(1)(i) 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 this requirement, from December 1978, to the day of the inspection, you have failed to leak test your 206 microcurie sealed cesium-137 reference source.

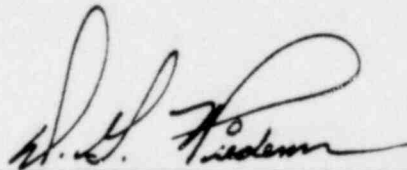
This is a Severity Level V violation (Supplement VII).

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Pursuant to the provisions of 10 CFR 2.201, you are required to submit to this office within twenty-five 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.

5-21-81

Dated



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