

APPENDIX A

NOTICE OF VIOLATION

Lawrence and Memorial Hospital
New London, Connecticut 06320

Docket No. 030-01275
License No. 06-09261-01

As a result of the inspection conducted on January 15, 1991, and in accordance with the "General Statement of Policy and Procedure for NRC Enforcement Actions," 10 CFR Part 2, Appendix C (Enforcement Policy) (1990), the following violations were identified:

A. 10 CFR 35.50 requires, in part,

- 1) that the dose calibrator linearity test be performed over the range of use from the highest dosage administered to a patient down to 10 microcuries;
- 2) that the dose calibrator linearity and accuracy tests be signed by the Radiation Safety Officer; and
- 3) that the dose calibrator accuracy test record include the model and serial number of the dose calibrator tested and the model numbers of the radioactive sources used in the test.

Contrary to the above, as of January 15, 1991,

- 1) the dose calibrator linearity test was not performed over the range of use from the highest dosage administered to a patient and 10 microcuries (The linearity test was performed from the highest dosage administered to a patient down to 400 microcuries when 100 microcurie dose calibrator reference sources were used for the test);
- 2) the dose calibrator linearity and accuracy tests were not signed by the Radiation Safety Officer; and
- 3) the dose calibrator accuracy test record did not include the model and serial number of the dose calibrator tested or the model number of the radioactive sources used in the test.

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

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B. 10 CFR 35.59 requires, in part, that

- 1) physical inventories of all sealed sources and brachytherapy devices be performed quarterly;
- 2) physical inventories and wipe test records of sealed sources be signed by the Radiation Safety Officer; and
- 3) wipe tests of sealed sources be kept in units of microcuries.

Contrary to the above, as of January 15, 1991,

- 1) physical inventories of sealed sources and brachytherapy devices were not performed quarterly but every six months;
- 2) physical inventory and wipe test records of sealed sources were not signed by the Radiation Safety Officer; and
- 3) wipe tests of sealed sources were not kept in units of microcuries but in units of disintegrations per minute.

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

Pursuant to the provisions of 10 CFR 2.201, Lawrence and Memorial Hospital 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.