

APPENDIX A

NOTICE OF VIOLATION

Hospital Center at Orange
Orange, New Jersey 07051

Docket No. 30-0347
License No. 29-03038-02

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

- A. 10 CFR 35.21(a) requires that full calibration measurements be made prior to the first use of a teletherapy unit for treating humans and at intervals not exceeding one year.

10 CFR 35.21(b)(3) and (4) require that the full calibration measurements of teletherapy units required by 10 CFR 32.21(a) include a determination of the uniformity of the radiation field and timer accuracy.

Contrary to this requirement, as of the date of the inspection, February 12, 1981, determinations of the uniformity of the radiation field, and of the timer accuracy had not been made for more than one year. We note that determinations of timer accuracy were made which were intended to meet this requirement, but these were inadequate in that an appropriate method was not used (cf. ANSI N449.1-1978 and NRC IE Information Notice 80-33).

This is a Severity Level IV Violation. (Supplement VII)

- B. 10 CFR 35.22(a) requires that you cause spot check measurements to be performed on your teletherapy unit at intervals not exceeding one month.

Contrary to this requirement, no spot check measurements were performed on your teletherapy unit from December 18, 1980 to the day of the inspection, February 12, 1981, an interval of more than one month.

This is a Severity Level IV Violation (Supplement VII).

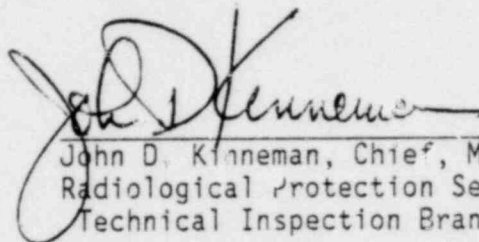
- C. 10 CFR 35.23(a) requires that calibration measurements on teletherapy units required by 10 CFR 35.21 be performed using a dosimetry system that has been calibrated by the National Bureau of Standards or by a Regional Calibration Laboratory accredited by the American Association of Physicists in Medicine.

Contrary to this requirement, as of the day of the inspection, February 12, 1981, a calibration of your teletherapy unit had not been performed which used a dosimetry system that was calibrated as required.

This is a Severity Level IV Violation (Supplement VII).

Pursuant to the provisions of 10 CFR 2.201, the Hospital Center at Orange is hereby required to submit to this office within twenty-five days of the date of 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. Under the authority of Section 182 of the Atomic Energy Act of 1954, as amended, this response shall be submitted under oath or affirmation.

Dated 10 MAR 1981



John D. Kinneman, Chief, Materials
Radiological Protection Section,
Technical Inspection Branch