

OCT 22 1982

APPENDIX X

NOTICE OF VIOLATION

Hahneman Medical College and Hospital
Philadelphia, Pennsylvania 19102

Docket No. 30-02959
License No. 37-00467-34

As a result of the inspection conducted on August 12-13, 1982 and in accordance with the NRC Enforcement Policy (10 CFR 2, Appendix C), the following violations were identified:

- A. 10 CFR 20.105(b) requires that radiation levels in unrestricted areas be limited so that an individual who was continuously present in the area could not receive a dose in excess of 2 millirems in any hour or 100 millirems in any seven consecutive days.

Contrary to the above, on July 22, 1982, radiation levels of 5 milliroentgen per hour were measured at 10 feet from the bed of a patient in Room 1964 implanted with 63 seeds of iridium-192. As calculated from this measurement, radiation levels of 3.5 and 2.6 milliroentgen per hour existed in the unrestricted area (hallway) 12 and 14 feet from the bed.

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

- B. Condition 25 of License No. 37-00467-34 requires that licensed material be possessed and used in accordance with statements, representations and procedures contained in application dated March 23, 1979, and letters dated February 22, 1982 and March 23, 1982.

Item No. 10 of this application requires that the dose calibrators be calibrated in accordance with procedures contained in Appendix D, Section 2, Regulatory Guide 10.8.

Item A.1 of Appendix D, Section 2, requires that the dose calibrator linearity be determined at installation and quarterly thereafter.

Contrary to the above, as of August 12, 1982, dose calibrator linearity had not been determined since April 1, 1982 a period of more than a calendar quarter.

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

Pursuant to the provisions of 10 CFR 2.201, Hahneman Medical College and Hospital is hereby required to submit to this office within thirty 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. Where good cause is shown, consideration will be given to extending this response time.