

APPENDIX A
NOTICE OF VIOLATION

James M. Brown, M.D.
East Orange, New Jersey 07018

Docket No. 030-10829
License No. 29-16333-01

As a result of the inspection conducted on March 11, 1985, and in accordance with the NRC Enforcement Policy (10 CFR 2, Appendix C), the following violations were identified:

Condition 14 of License No. 29-16333-01 requires that licensed material be possessed and used in accordance with the statements, representations and procedures contained in an application received January 29, 1980.

Block 10 of this application requires that the dose calibrator be calibrated in accordance with procedures contained in Appendix D, Section 2, of Regulatory Guide 10.8.

1. Item E.1 of Appendix D, Section 2, requires that the dose calibrator linearity be determined using a vial of Tc-99m whose activity is equivalent to the maximum anticipated activity to be assayed.

Contrary to the above, only 10 millicuries of Tc-99m was used for the determinations of linearity performed in October, 1983, June, 1984; and September, 1984, even though 20 millicurie doses are routinely assayed for use in bone and brain scans.

2. Item C of Appendix D, Section 2, "Test for Instrument Constancy", requires a determination of the variation of the daily measured activities of the reference sources from the predicted activities of the sources based on decay calculations.

Contrary to the above, as of March 11, 1985, decay calculations were not being made in order to determine the predicted activities of reference sources.

These are Severity Level IV violations. (Supplement V)

Pursuant to the provisions of 10 CFR 2.201, James M. Brown, M.D. 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.

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