Appendix A

NOTICE OF VIOLATION

Bloomington Hospital License No. 13-10408-02

Based on the inspection conducted on May 14, 1980, it appears that certain of your activities were in noncompliance with NRC requirements, as noted below. Items 1 through 4 are infractions, and item 5 is a deficiency.

1. License Condition 16 requires that licensed material be possessed and used in accordance with statements, representations and procedures contained in application dated December 18, 1978 and letter dated February 21, 1979. License application dated December 18, 1978, Item 7, requires in part, quarterly meetings of the Medical Isotope Committee.

   Contrary to this requirement, it was learned through statements of licensee representatives and a review of records, that quarterly meetings of the Medical Isotope Committee were not held. Specifically, meetings of the Medical Isotope Committee were held on March 19, 1979, August 27, 1979 and January 15, 1980, frequencies greater than three months.

2. License Condition 16 requires that licensed material be possessed and used in accordance with statements, representations and procedures contained in application dated December 18, 1978 and letter dated February 21, 1979. License application dated December 18, 1978, Item 10, requires in part, that the procedures in Appendix D, Section 2 of the NRC Draft License Guide dated November, 1977, will be used for calibration of the dose calibrator. Appendix D, Section 2, Item I, requires in part, two reference sources such as cesium-137 and cobalt-57 to be assayed before each daily use of the dose calibrator.

   Contrary to this requirement, it was learned through statements of licensee representatives and a review of records, that a cobalt-57 reference source was not assayed before each daily use of the dose calibrator since the date of license issuance.

3. License Condition 16 requires that licensed material be possessed and used in accordance with statements, representations and procedures contained in application dated December 18, 1978 and letter dated February 21, 1979. License application dated December 18, 1978, Item 17, requires in part, that the survey procedures in

Appendix I, of the NRC Draft License dated November, 1977, will be followed. Appendix I, Section D, 2, requires that the method for performing wipe tests will be sufficiently sensitive to detect 100 disintegrations per minute.

Contrary to this requirement, it was learned through statements of licensee representatives that your wipe tests have been analyzed using a G.M. counter which is incapable of detecting contamination levels as low as 100 disintegrations per minute.

4. License Condition 16 requires that licensed material be possessed and used in accordance with statements, representations and procedures contained in application dated December 18, 1978 and letter dated February 21, 1979. License application dated December 18, 1978 requires in part, monitoring the exhaust of the xenon-133 gas trap on a weekly basis when xenon-133 is used.

   Contrary to this requirement, it was learned through statements of licensee representatives, that monitoring the exhaust of the xenon-133 gas trap on a weekly basis when xenon-133 is used was not performed since the date of license issuance.

5. 10 CFR 20.401(b) requires that each licensee maintain records showing the results of surveys made to assure compliance with 10 CFR 20.201(b) "Surveys."

   Contrary to the above, as of the date of this inspection you failed to maintain records of results of such surveys as were necessary to assure compliance with 10 CFR 20.301, a regulation that describes authorized means of disposing of licensed material contained in waste. Specifically, you failed to maintain survey records of iodine-131 sodium iodide capsules which were disposed of as normal trash, from the Nuclear Medicine Department.