

Appendix A

NOTICE OF VIOLATION

The Curators of the
University of Missouri

License No. 24-00513-32

Based on the inspection conducted on June 18-22, 1979, it appears that certain of your activities were in noncompliance with NRC requirements, as noted below. Items 1 through 3 are infractions.

1. Paragraph 19.12, Title 10 of the Code of Federal Regulations, requires that you instruct all individuals working in your restricted areas in the applicable provisions of the Commission's regulations and licenses.

Contrary to this requirement, on the day of the inspection, custodians working in your restricted area had not been instructed in the applicable provisions of the regulations and the conditions of your license commensurate with potential radiological health protection problems.

2. Paragraph 20.205(b)(1), Title 10 of the Code of Federal Regulations, requires that upon receipt, specified packages of radioactive material, including iodine-131 in excess of 100 millicuries, shall be monitored for radioactive contamination caused by leakage.

Contrary to the above, on October 16, 1978, and May 4, 1979, monitoring was not performed on two separate packages, each containing 105 and 150 millicuries, respectively, of iodine-131 in liquid form.

3. Condition 26 of your license requires that licensed material be possessed and used in accordance with the statements, representations and procedures contained in your application and letter dated December 28, 1972.

One of these requirements, Section 2.2.2 of the Handbook of Operations (Radiation and Radioactive Waste Pamphlet) states: "All transfers and dilutions shall be in functioning exhaust hoods or glove boxes, unless it is completely safe to do otherwise".

Contrary to this requirement, on May 5, 1977, a person opened a 35 millicurie iodine-131 solution on a bench in the Nuclear Medicine Department for the purpose of withdrawing and transferring an aliquot of iodine-131 for a patient dose. This person's thyroid count, performed on May 6, 1977, indicated an elevated iodine-131 thyroid uptake, from zero to 64 MPC-hours within a seven day period.

544 290

7908130257