

APPENDIX A

NOTICE OF VIOLATION

Albert Einstein Medical Center  
Philadelphia, Pennsylvania 19141  
License Nos. 37-00448-17  
              37-00448-19  
              37-00448-20

Docket Nos. 30-07061  
              30-07551  
              30-10885

Based on the results of an NRC inspection conducted on February 15 and 16, 1979, it appears that certain of your activities were not conducted in full compliance with NRC regulations and the conditions of your licenses as indicated below:

- A. 10 CFR 20.201(b) requires that you make such surveys as may be necessary to comply with all sections of Part 20.
1. Contrary to this requirement, as of February 16, 1979, you failed to make such surveys as were necessary for you to assure compliance with 10 CFR 20.103, "Exposure of individuals to concentrations of radioactive material in restricted areas." Specifically, you failed to adequately evaluate the quantity and distribution of removable contamination on the hands of a nuclear medicine technician at the Southern Division. (License No. 37-00448-19)
  2. Contrary to this requirement, you failed to make 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, on February 15, 1979, you failed to adequately survey for licensed materials in trash cans prior to disposing of the material to the normal trash. (License No. 37-00448-19)

These are infractions.

3. 10 CFR 20.105(b) requires that radiation levels in unrestricted areas be limited so that if an individual were continuously present in the area, he could not receive a dose in excess of 2 millirem in any one hour or 100 millirem in any seven consecutive days.

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Contrary to this requirement, on February 15, 1979, radiation levels existed in the hallway outside your "Radium Room" where radium and licensed materials are stored, such that if an individual were continuously present he could have received a dose in excess of 2 millirem in any one hour. (License No. 37-00448-19)

This is an infraction.

- C. 10 CFR 35.14(b)(5)(vii) requires that patients treated with Cesium-137 implants remain hospitalized until a source count and a radiation survey of the patient confirm that all implants have been removed.

Contrary to this requirement, as of February 15, 1979, a source count and radiation survey were not always conducted prior to the discharge of Cesium-137 implant patients from the hospital. (License No. 37-00448-19)

This is an infraction.

- D. Condition 14A of License No. 37-00448-19 requires that you test your sealed sources containing byproduct material for leakage and/or contamination at intervals not to exceed six months.

Contrary to this requirement, as of February 15, 1979, you had not tested your sealed sources containing Cesium-137 and Strontium-90 for contamination or leakage since June 23, 1973 and July 11, 1978 respectively, intervals of more than six months.

This is an infraction.

- E. Condition 14 of License No. 37-00448-20 requires that you continue follow-up for nuclear pacemaker patients, to insure compliance with Conditions 12 and 13 of the license.

Contrary to this requirement, as of February 15, 1979, you had not performed follow-up on nine patients since 1976.

This is a deficiency.

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