



Massachusetts
Eye and Ear
Infirmary

030-01833

October 5, 1990

Thomas K. Thompson
Nuclear Materials Safety Section B
Division of Radiation Safety
and Safeguards

License No. 20-01212-10

Dear Mr. Thompson:

I am writing you to request an amendment to our Materials License. I have enclosed a check in the amount of \$500.00

Please reduce the maximum amount of possession under section 6H. Calcium 45 from 10 millicuries to 5 millicuries.

I am submitting training and experience profiles for your review so that the following persons will be approved and listed under section 11. A. of the Infirmary's License:

| <u>Names</u> | <u>Isotopes/Experience</u> |
|-------------------------|--|
| o James E. Dutt, B.S. | 125I, 51CR, 3H |
| o Joel S. Schuman, M.D. | No experience - seeking approval to use 3H |

Please remove the following persons names from the License under the following sections:

11.A. Stanley Schein, M.D.

11.B. Peter A. Wells

11.C. Beverly Rice

Thank you for your assistance regarding this matter.

Sincerely,

John P. McGillivray
John P. McGillivray
Director, Safety Office
Radiation Safety Officer

| | |
|--------------|----------------|
| Log | 125I, 51CR, 3H |
| Remitter | |
| Check No. | 133578 |
| Amount | \$500.00 |
| Fee Category | 3H |

90 NOV -2 P3:18

61:14 6-100 05.

9301080138 920520
PDR FOIA
STOLL92-58 PDR

243 Charles Street
Boston, Massachusetts 02114
617-523-7900

OFFICIAL RECORD COPY

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James E. Dutt

| Type of Training | Where Trained | Duration | On the Job | Formal Courses |
|--|---|--|------------|----------------|
| Principles and Practices of radiation protection | Centocor Inc. Malvern, Pa. | Several half day lectures plus continuing on-the-job training 1981-85. | | |
| | Harvard University Environmental Health and Safety | 1990 | | Yes |
| Measurement and monitoring of radioactivity | Safe Use of Radioisotopes in Research " " | 1990 | | |
| Calculations basic to use and measurement of radioactivity | " " | 1990 | | |
| Biological effects of radiation | " " | 1990 | | |

Experience with Radionuclides

| Isotope | Maximum Amount | Where experience was gained | Duration | Type of use |
|---------|----------------|------------------------------|-----------|---|
| 125 I | 2 mci | Centocor Inc. Malvern Pa. | 1981-1985 | Labelled antibody used as a component of medical Diagnostic Kits. (RIA) |
| 51 Cr | 2 mci | Mass. Eye and Ear | 1990 | Enzyme |
| 3 H | 1 mci | Infirmery Hilles Lab. | | Assays |



Joel S. Schuman M.D.

| Type of Training | Where Trained | Duration | On the Job | Formal Courses |
|--|--|----------|------------|----------------|
| Principles and Practices of radiation protection | Harvard University Environmental Health and Safety Safe Use of Radioisotopes in Research | 1990 | No | Yes |
| Measurement and monitoring of radioactivity | " " | 1990 | | |
| Calculations basic to use and measurement of radioactivity | " " | 1990 | | |
| Biological effects of radiation | " " | 1990 | | |

Experience with Radionuclides

| Isotope | Maximum Amount | Where experience was gained | Duration | Type of use |
|---------|----------------|-----------------------------|----------|-------------|
| None | None | None | None | None |