AUG 0 1985

License No. 18-16979-01
Docket No. 030-12006
Control No. 119023

St. Joseph Hospital
ATTN: Sister Mary Norberta, C.S.S.F.
Executive Director
297 Center Street
Bangor, ME 04401

Dear Sister Norberta:

Please find enclosed an amendment to your NRC Material License.

Please review the enclosed document carefully and be sure that you understand all conditions. If there are any errors or questions, please notify the Region I Material Licensing Section, (215) 337-5239, so that we can provide appropriate corrections and answers.

Please be advised that you must conduct your program involving licensed radioact've materials in accordance with the conditions of your NRC license, representations made in your license application, and NRC regulations. In particular, please note the items in the enclosed, "Requirements for Materials Licensees."

Please note that we have not authorized iodine-131 therapy procedures at this time but have proceeded to authorize bone mineral analyses on an expedited basis as requrested by phone on July 22, 1985.

In order to authorize you for I-131 for Groups IV and V procedures, it will be necessary for you to submit the following additional information.

1. For nursing personnel who enter the room of a patient containing therapeutic amounts of I-131, please name of the manufacturer of the dosimeters these nurses will wear to measure their exposure to the radiation levels emanating from the I-131 patient. Also specify the frequency of changing these monitoring devices.

   For pocket dosimeters, please submit the useful range, frequency of readings taken while with the patient, where the device will be worn on the nurses person and procedures for calibration and maintenance.

2. Since you intend to use I-131 in any form, please submit the following additional information:

a) Submit the measured airflow rate across the open face of the "Radioisotope Fumehood" described, or confirm that you will have a minimum ventilation exhaust rate of 100 linear feet per minute across the fully open face of this hood.

b) Specify whether or not the exhaust from the fumehood is a dedicated system. If not, describe (by calculations) how recirculated air to other parts of the department and hospital will meet the MPC levels required by 10 CFR 20.103 and 20.106 (enclosed).

c) Since you also intend to use I-131 in non-capsule form (volatile form), you will need to describe your bioassay program. Refer to the enclosed bioassay guide for the minimum procedures (and action levels) that we find acceptable. You may adopt this program or construct your own program along these procedures for a more customized approach.

We will continue our review of the other areas of your application upon receipt of the above information. Please submit this request in duplicate, referencing Control No. 119023 and this letter.

Since serious consequences to employees and the public can result from failure to comply with NRC requirements, the NRC expects licensees to pay meticulous attention to detail and to achieve the high standard of compliance which the NRC expects of its licensees.

You will be periodically inspected by NRC. A fee may be charged for inspections in accordance with 10 CFR Part 170. Failure to conduct your program safely and in accordance with NRC regulations, license conditions, and representations made in your license application and supplemental correspondence with NRC will result in prompt and vigorous enforcement action against you. This could include issuance of a notice of violation, or in case of serious violations, an imposition of a civil penalty or an order suspending, modifying or revoking your license as specified in the General Policy and Procedures for NRC Enforcement Actions, 10 CFR Part 2, Appendix C.

We wish you success in operating a safe and effective licensed program.

Sincerely,

Original Signed By:
John E. Glenn

John E. Glenn, Ph.D., Chief
Nuclear Materials Safety Section B
Division of Radiation Safety
and Safeguards

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Enclosures:
1. Amendment No. 10
2. Requirements for Materials Licensees
3. NRC Forms 3 and 313M
4. 10 CFR Parts 2, 19, 20, 35, and 170
5. Regulatory Guides 8.20

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