

TOBEY HOSPITAL

43 High Street

Wareham, Massachusetts 02571

(617) 295-0880

RECEIVED



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CERTIFIED MAIL: RETURN RECEIPT REQUESTED:

APR 14 AM 11 30
WARREN E. BISHOP
ADMINISTRATOR

U.S. NUC. REG.
COMMISSION
SECTION

March 26, 1981

Mr. Larry W. Camper
Material Licensing Branch
Div. of Fuel Cycle and Material Safety
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Camper:

The following information is in reference to our Byproduct Material License No. 20-16392-01 renewal application. Our NRC Control No. is 03234.

Item 1: Concerning our request to designate Dr. Dennis J. Sanidas as an authorized user.

Reply: Since our application, Dr. Sanidas is no longer on our Radiology service therefore we request not to amend our license to read as such.

Item 2: Authorization to use I-131 for treatment of thyroid carcinoma - Dr. James Condon.

Reply: At this time I-131 treatment for thyroid carcinoma is not being done - therefore, we request to omit this from our application.

Item 3: Possession limit of 1 curie of Xe-133.

Reply: In reviewing our demands for Xenon-133, it is reasonable at this time to decrease our maximum request to 300 mCi Xenon-133. If our demands increase, we at that time will amend our license.

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CURRICULUM VITAE

ITEM 4:

Thomas L. Gleason, M.D.
Maritime Drive
Wareham, Mass. 02571

Born - 10/31/47 New Britain, Connecticut

Education:	Fairfield University Fairfield, Connecticut B.S. Biology	1969
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Tufts University School of Medicine Boston, Massachusetts M.D.	1973
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Training	St. Elizabeth's Hospital Boston, Mass. Internship	7/1/73 - 6/30/74
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St. Elizabeth's Hospital Boston, Mass. Residency - 1st year - Med.	7/1/74 - 6/30/75
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Residency - 2nd year - Med	7/1/75 - 6/30/76
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Board certified	Diplomate - American Board of Internal Medicine	6/16/76
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Admitted to Staff	Tobey Hospital Medical Staff	5/21/76
	Chairman of Medical Education Committee	1978, 1979 1980, 1981

ITEM 4:

Harry D. Ainsworth, M.D.
37 Morelands Terrace
New Bedford, MA 02740

Born: May 29, 1932 - Somerville, MA

Education: 1950-1954 - Tufts University
Medford, MA
B.S. cum laude

1954-1958 - Tufts University School of Medicine
M.D.

Training: 1958-1959 - Worcester City Hospital
Worcester, MA
Rotating internship

1959-1961 - Boston VA Hospital
Children's Hospital
Free Hospital for Women
Boston Lying-In Hospital
Boston, MA
Anatomic Pathology Residency

1961-1962 - Malden Hospital
Malden, MA
Clinical Pathology Residency

1962-1963 - Quincy City Hospital
Quincy, MA
Clinical Pathology Residency

1963 Diplomat - American Board of Clinical
Pathology and Anatomic Pathology

Memberships: American Society of Clinical Pathologists (member)
College of American Pathology (Fellow)
A.A.B.B.
Mass. Society of Pathologists
New England Society of Pathologists
Mass. Medical Society

Practice: 1963-1965 - Director of Laboratories
Walton Army Hospital
Fort Dix, N.J.

1965-1978 - Vice-Chairman Department of Pathology
St. Luke's Hospital
New Bedford, MA

1978- Director of Laboratories
St. Luke's Hospital
New Bedford, MA

License: State of Massachusetts
Diplomat National Board of Medical Examiners

Item 5: Specific sources which will be used to perform dose calibration constance and accuracy tests.

Reply: To better standardize our dose calibrator, we will purchase a complete set of Standards from New England Nuclear.

NES-360 they are as follows:

- A) 300 uCi of Co-57 vial type E
- B) 50 uCi of Co-60 vial type E
- C) 200 uCi of Cs-137 vial type E

These sources are in addition to our 5.0mCi of Co-57 NES-206 vial type E source.

All sources will be in 20 ml active volume in 27 ml vial type E containers. Each will be calibrated within $\pm 5\%$ accuracy and be contained in their individual lead containers. There will be a Certificate of Calibration on file for inspection purposes.

Item 6: Conform No food, drink, or personal effects will be stored with Radioactive materials.

Reply: There will be no food, drink, or personal effects stored with Radioactive materials at any time.

Item 7: Survey Procedures - wipe tests

Reply: Wipe tests will be performed on a monthly basis and not "at least twice a year" as indicated on our application.

Item 8: Disposal of $\text{Mo}^{99}/\text{Tc}^{99\text{m}}$ generators.

Reply: Disposal of $\text{Mo}^{99}/\text{Tc}^{99\text{m}}$ generators will be disposed of by a commercial waste company. The commercial wastecompany we will use is:

Interex Corp.

Natick, Mass. 01760

Their NRC #20-14082-01

Item 9: Thyroid activity of I-131 were greater than 0.04 uCi.

Reply: If the thyroid burden at the time of measurement exceeds 0.04 uCi I-131, the following actions will be taken:

- A) Investigation of operation involved, air and in-plant surveys, will be done to determine cause of exposure and to evaluate potential for further exposure.

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Reply to

Item 9: B) If investigation indicates further work in
(Cont) the area might result in exposure to worker
that would cause limiting intakes set up in
20.103 10 CRR 20 be exceeded, we will restrict
worker from further exposure until source is dis-
covered and/or corrected.

C) Actions will be implemented to correct or
lower potential exposures.

D) A report bioassay will be done within 2 weeks.
This will be evaluated withing 24 hours after
measurement to confirm presence of internal radio-
iodine and to obtain an estimate of effective half
life for estimating dose commitment.

E) Reports and notification will be provided as
required by NRC Regulations.

Item 10: Patients treated with I-131 for thyroid carcinoma

Reply: At this time I-131 thyroid carcinoma patients are
not being done. We would request to omit this from
our application.

Item 11: Monitor charcoal trap.

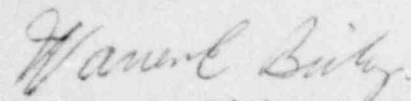
Reply: We will monitor or Xenon charcoal trap system weekly
instead of "at three month intervals" as submitted
in our application.

Item 12: Specific sources Item 6.B

Reply: A standard calibrated sealed source will be used.
It will be Co⁵⁷/simulated Tc-99m
NEN NES 206 vial type E 5.0 mCi
This source is calibrated \pm 5%
At all times this source will be stored behind
lead bricked cave area and be enclosed in its
approved manufacturer's lead container.

If you should have any further questions, please do not hesi-
tate to call us. We would be happy to furnish it to you.

Sincerely,



Warren E. Bishop
Administrator