

**Brockton Hospital**  
We Care for Southeastern  
Massachusetts

680 Centre Street  
Brockton Massachusetts  
02402

617-586-2600

September 5, 1986

Dr. John Glenn  
U.S. Nuclear Regulatory Commission  
Nuclear Materials & Safeguard Branch, Region I  
King of Prussia, Pennsylvania 19406

RECEIVED

Dear Dr. Glenn:

'86 SEP 22 A9:46

This letter is to request admendment of NRC license #20-03333-02 issued to the Brockton Hospital to include the following:

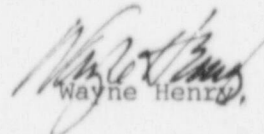
U.S. N.R.C.  
LIC. FEE MGMT. BRANCH

1. Increase the possession limit of Group III of Schedule A, Section 35,100 of 10 CFR 35 from 2 curies each of byproduct material authorized in Subitem 6B to 3 curies each of byproduct material authorized in Subitem 6B, to provide a large enough maximum possession limit for decay in storage of old generators.
2. Add the use of the Nuclear Instrument Company, 65 Grove St., Rockland, Massachusetts, NRC license #21-16972-01 for calibration of survey instruments per attached.
3. Add the use of Siemens Gammasonics, Inc., 2000 Nuclear Drive, Des Plaines, Illinois, 60018, NRC licence #12-00369-01 to perform counting of the leak tests on the sealed calibration sources.
4. It has been determined that the efficiency of the thin end window GM Survey meter (Eberline E-120 with a HP-19A probe) is not sensitive enough to properly distinguish a reading of 200 dpm/100 cm<sup>2</sup> as required by Appendix I of Regulatory Guide 10.8. Therefore, we request to use the recommended action levels for Removable Surface Contamination in Medical Institutions contained in Regulatory Guide 8.23, Table 2, page 8.23-8 (Radiation Safety Survey at Medical Institutions). In addition we request to increase the wipe test area to cover 1000 cm<sup>2</sup>. This will allow us to be able to properly distinguish a contamination level of 220,000 dpm/1000 cm<sup>2</sup>.

If you require any additional data it will be sent to you immediately.

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REG1 LIC30  
20-03333-02 PDR

Sincerely,

  
Wayne Henry, President

"OFFICIAL RECORD COPY" ML19 106151

SEP 16 1986

Log	161392
Remitter	
Check No.	161392
Amount WH/b	1/20
Fee	72
Type of Fee	Amendment
Date Check Rec'd.	9/22/86
Date Completed	9/24/86
By:	S. Kimbrell



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02120

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BETWEEN: William O. Miller, Chief  
License Fee Management Branch  
Office of Administration

John E. Glenn, Chief  
Nuclear Materials Section B  
Division of Engineering and  
Technical Programs

## LICENSE FEE TRANSMITTAL

A. REGION I1. APPLICATION ATTACHEDApplicant/Licensee: Brockton Hosp.Application Dated: 9-5-86Control No.: 106151License No.: 20-03333-022. FEE ATTACHEDAmount: \$120Check No.: 1613923. COMMENTSSigned SLJDate 9-17-86B. LICENSE FEE MANAGEMENT BRANCH1. Fee Category and Amount: 7C \$120

2. Correct Fee Paid. Application may be processed for:

Amendment ✓Renewal       License       Signed S. KimberleyDate 9/24/86