



BRIDGEPORT HOSPITAL

a community resource

Area Code (203) 384-3000

267 GRANT STREET • P.O. BOX 5000 • BRIDGEPORT, CT. 06610

RECEIVED BY LFMB

Date 5/14/84
Log May 6 I
By Brown
Orig. To
Action Compl 5/16/84

MICHAEL E. SCHRADER
President

Applicant
Check No. 171126
Amount/Fee Category 440-2B
Type of Fee Amendment
Date Check Rec'd 5/14/84
Received By Brown

March 28, 1984

U.S. Nuclear Regulatory Commission
Region I
Material Program Section No. 2
631 Park Avenue
King of Prussia, Pennsylvania 19406

Dear Sirs:

Please amend Bridgeport Hospital Materials License No. 06-01060-01 to incorporate changes in our brachytherapy program. The hospital's Radiation Medicine Division has been expanded and relocated (except for its Cobalt-60 teletherapy treatment room) from the third floor of the Richardson building to the first floor of the northeast corner of the hospital. The division's brachytherapy and survey instrument calibration facilities have been included in this move. A copy of a radiation survey of the new storage area performed on March 26, 1984, the day the facilities were moved to the new location, is enclosed. The brachytherapy storage safe and the J.L. Shepherd model 28-5 beam calibrator are surrounded by sufficient lead (bricks) to reduce exposure in adjacent occupied areas to near background levels while the safe drawer is closed and the beam calibrator is inactivated.

There is no direct access to the new storage room from outside of the new department. A door on the room's west wall opens to the division's simulator room, while a door on the east wall opens to the treatment planning room. There are no other doors. The room is securely locked when the department is not open. The safe and beam calibrator are securely locked at all times, except when in actual use. The keys to the safe and beam calibrator are kept in a separate room. The storage area is well marked with radiation precaution signs. Copies of the area radiation survey and the current brachytherapy inventory are posted, and a sign-out sheet for brachytherapy sources maintained. The area is surveyed at least once a week, as per the previous conditions of our license. All other applicable terms of our license pertaining to the storage area will be continued.

8512200293 850724
REG1 LIC30
06-01060-01 PDR


02361

MAY 02 1984

U.S. Nuclear Regulatory Commission
March 28, 1984
Page 2

Enclosed please find the required amendment fee of \$40.00.
If any additional information is required, please do not hesitate
to contact us.

Sincerely,


Michael E. Schrader
President

MES:cmp
Enclosures

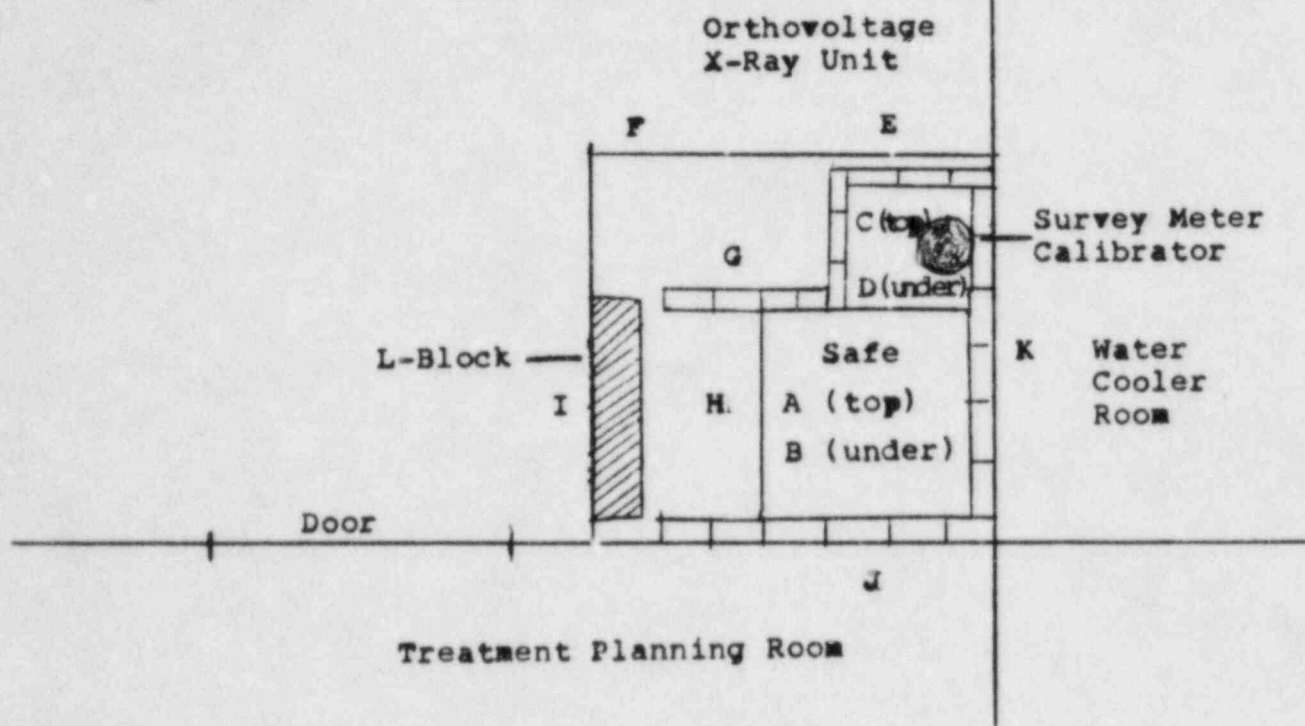
AREA RADIATION SURVEY

Brachytherapy Source Safe and Storage Room
 Bridgeport Hospital, Radiation Medicine Department
 Survey performed 3/26/84 by James E. Bond
 Instrument: Ludlum model 14A geiger counter

Calibrated 8/25/83 by J. Bond,
 using Cs-137 brachytherapy source

Safe contents: 621 mCi Cs-137, 50 mg Ra-226

J. L. Shepherd model 28-5 survey meter calibrator: 100 mCi Cs-137



<u>Location</u>	<u>Max. Exposure Rate(mR/hr)</u>	<u>Location</u>	<u>Max. Exposure Rate(mR/hr)</u>
A (drawer closed)	0.5	G (drawer closed)	0.01
B (drawer closed)	0.2	H (drawer closed)	1.5
C (drawer closed)	1	I (drawer closed)	0.01
D (drawer closed)	15	I (drawer open)	8 behind Pb 200 behind glass
E (drawer closed)	0.01	J (drawer closed)	0.02
E (drawer open)	2	J (drawer open)	3
F (drawer closed)	0.01	K (drawer closed)	0.01
F (drawer open)	60 (opening for hands)	K (drawer open)	0.01