Beth Israel Hospital

330 Brookline Avenue
Boston, MA 02215

(617) 735-2000

A major teaching hospital of
Harvard Medical School

A constituent agency of
Combined Jewish Philanthropies

Mitchell T. Rabkin, MD
President

6/29/90

U.S. Nuclear Regulatory Commission
Region I
475 Allendale Road
King of Prussia PA 19406

Dear Sirs,
In preparation for submitting our decommissioning funding assurance plan for $750,000 shortly we wish to amend the way the form and possession limits are written in our license under sections 6, 7 and 8. The specifics of the amendment request are detailed on pages 2 and 3, attached

The purpose of the amendment is to be more specific in 6B, 7B, 8B since it would currently permit us to have many millicuries of many long lived unsealed sources that we do not have and are unlikely to need and therefore have to decommission. Those unsealed sources with half lives greater than 120 days that we need, or anticipate needing, are specified individually.

We will therefore have to amend our license in the future if a researcher should need a radionuclide with a half life greater that 120 days which is not specified here as we could not find a way to write them in in a general way that would keep us inside the $750,000 plan. We have not included Sodium 22 and Cobalt 57, since they are not reactor produced.

Our license is #20-00742-18 expiration date August 31, 1991.

An amendment fee for $120 is enclosed.

Sincerely yours,

M. Rosemary Kennedy
Radiation Safety Officer

Leg ... Jul. 10
Remitter ...
Check No. 729157
Amount $120
Fee Category 2B EX2C
Type of Fee AMD
Date Check Rec'd 7/2/90
Date Completed 7/10/90

FEE EXHIBIT

JUL 10

RECEIVED

114718

9301110025 920520
PDR FOIA
STOLL92-58 PDR

Rec'd in LAS 05P3K9

JUL 02 1990

"SECTION COPY"

OFFICIAL RECORD COPY ML 10

D/75

(No postmark - Received with batch in mailed out with postmarked Jun. 28 & 29)

9301110025 3pp

B. Change as follows:
6B. Byproduct, source, and/or special nuclear material
Unchanged: Any Byproduct material with Atomic Nos. 3 to 83, inclusive
7B. Chemical and/or physical form
Change from 'any' to 'any sealed source or plated foil of any half life, any unsealed source with physical half-life 120 days or less'
8B. Maximum amount that licensee may possess at any one time under this license
Unchanged: 300 millicuries

D. Delete in its entirety, no longer used (Krypton 85)

M. Change as follows:
6. Byproduct, source, and/or special nuclear material
Unchanged: Cesium 137
7. Chemical and/or physical form
Change from 'any' to 'any sealed sources'
8. Maximum amount that licensee may possess at any one time under this license
Unchanged: 2 curies

Add: as follows:

N 6N. Byproduct, source, and/or special nuclear material
Calcium 45
7N. Chemical and/or physical form
Any
8N. Maximum amount that licensee may possess at any one time under this license
[illegible] millicuries
[illegible] Byproduct, source, and/or special nuclear material
[illegible]ine 36
[illegible] Chemical and/or physical form
Any
8O. Maximum amount that licensee may possess at any one time under this license
30 millicuries

P 6P. Byproduct, source, and/or special nuclear material
Zinc 65
7P. Chemical and/or physical form
Any
8P. Maximum amount that licensee may possess at any one time under this license
2 millicuries

Q 6Q. Byproduct, source, and/or special nuclear material
Cobalt 60
7Q. Chemical and/or physical form
Any
8Q. Maximum amount that licensee may possess at any one time under this license
100 microcuries

With this amendment in place our license will read:

6. Byproduct, source and/or special nuclear material	7. Chemical and/or physical form	8. Maximum amount that licensee may possess at any one time under this license
A. Uranium (depleted in Uranium 235)	A. Cadmium plated metal	A. 204 kilograms
B. Any byproduct material with Atomic Nos. 3 to 83, inclusive	B. Any sealed source or plated foil of any half-life, any unsealed source with half-life of 120 days or less	B. 300 millicuries
C. Hydrogen 3	C. Any	C. 10 curies
D. Removed	D. Removed	D. Removed
E. Molybdenum 99	E. Any	E. 2 curies
F. Technetium 99m	F. Any	F. 2 curies
G. Iodine 131	G. Any	G. 1 curie
H. Iodine 125	H. Any	H. 1 curie
I. Xenon 133	I. Any	I. 5 curies
J. Carbon 14	J. Any	J. 1 curie
K. Iridium 192	K. Seeds encased in nylon ribbon	K. 2 curies
L. Osmium 191/Ir 191m	L. Any	L. 2 curies
M. Cesium 137	M. Any sealed source	M. 2 curies
N. Calcium 45	N. Any	N. 100 millicuries
O. Chlorine 36	O. Any	O. 30 millicuries
P. Zinc 65	P. Any	P. 2 millicuries
Q. Cobalt 60	Q. Any	Q. 100 microcuries

License #20-00742-18

M. Rosemary Kennedy
Radiation Safety Officer