

030-04762

GRACE

Research Division

W. R. Grace & Co.
Research Division
One Ledgeport Center
128 Spring Street
Lexington, Massachusetts 02173

July 11, 1988

Mr. Jack Davis
United States Nuclear Regulatory Commission
Region I
631 Park Avenue
King of Prussia, Pennsylvania 19406

Dear Mr. Davis:

This is a petition for amendment to NRC License No. 20-13794-01 in regard to Item 2, Location. We would like to transfer our license from 25 Hartwell Avenue, Lexington, Massachusetts, 02173 to a new site at One Ledgeport Center, 128 Spring Street, Lexington, Massachusetts, 02173, (617) 863-8720. Enclosed are a comprehensive survey of Laboratory C, 25 Hartwell Avenue, to release for unrestricted use, a floor-plan of our new site and Laboratory 315, and the amendment fee of \$120.00. Our radiation program will continue otherwise unaltered.

If any further information is required, please do not hesitate to contact me.

Sincerely,

W. R. Grace & Co.

Richard L. Duffy
Richard L. Duffy
Radiation Safety Officer

Enclosures

U.S. NUCLEAR REGULATORY COMMISSION
78 JUL 20 P3:43

RECEIVED

Log	Jul 15
Remitter	
Check No.	50443
Amount	\$ 120
Fee Category	3M
Type of Fee	AMID
Date Check Rec'd.	7-15-88
Date Completed	7-15-88
By:	J. Kimberly

9001160190 880913
REG1 LIC30
20-13794-01 PDR

109220

"OFFICIAL RECORD COPY" ML1B

7-12-88

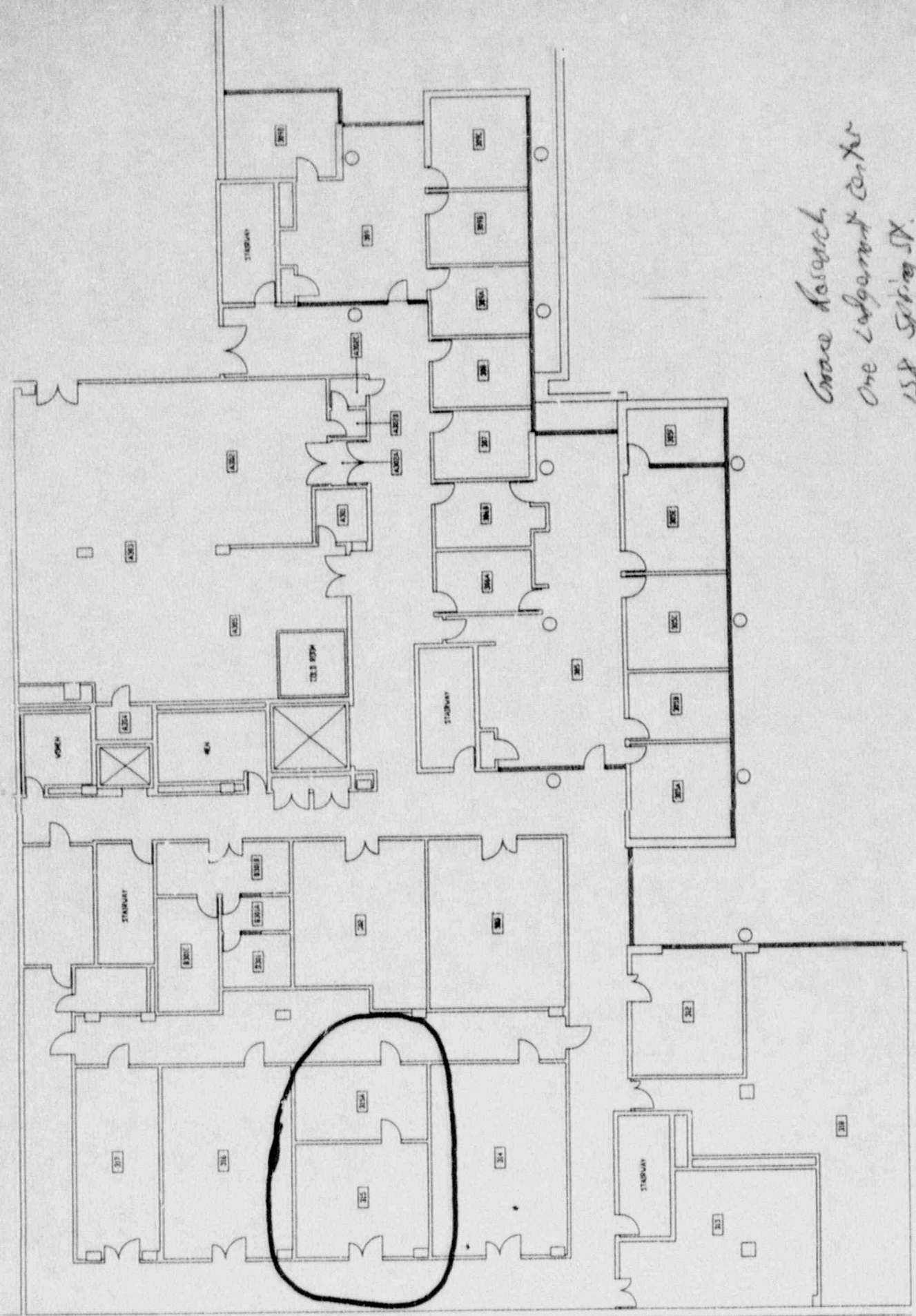
Comprehensive Survey of Laboratory C in accordance with the July, 1982 "Guidelines for Decontamination of Facilities and Equipment Prior to Release for Unrestricted Use."

1. Laboratory C is located within the research facility at 25 Hartwell Avenue, Lexington, Massachusetts, 02173.
2. In addition to monthly radiation smear tests, contamination surveys are performed after each use of a radioactive material. Any level of contamination found is treated until background levels have been achieved.
3. A general survey of Laboratory C was performed using a Ludlum Geiger Counter, Model 3, with a 44-9 detector. This was followed by a series of smear tests in the areas most likely to be exposed to contamination (see attached floor plan and counts). The last radioactive work was performed in March, 1988 using I¹²⁵ labelled protein. No other isotope has been used in-house in over six years.
4. Efficiency of counting system = 71.4%.

Smears with soft absorbent paper, applying moderate pressure, were performed over a surface of 100 cm².

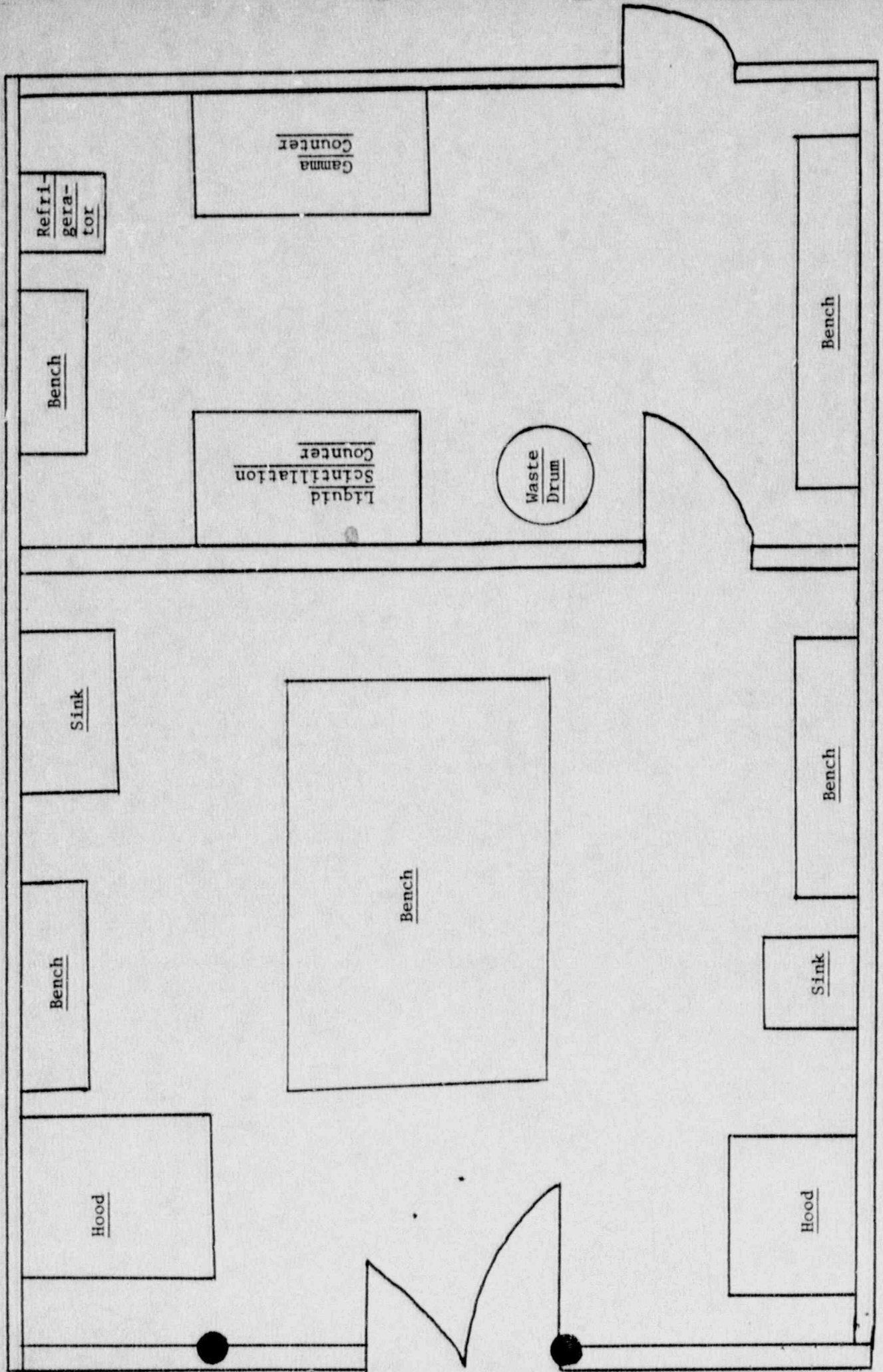
Smears were assessed in a Packard Auto-gamma Spectrometer, Model 5230.

All smear tests were well below the average 100 dpm/100 cm² (see attached floor plan and tests).



Grace Research
 One Colquhoun Center
 158 Spring St.
 Lexington, Ma. 02173
 (617) 863-8720

Laboratory 315 - Radiation



To: Radiation Files

CC:

From: R. L. Outby

Title: Monthly Radiation Smear Tests

TEST DATE: 6/14/88

<u>SITE</u>	COUNTS PER MINUTE	
	<u>GAMMA</u>	<u>SCINT.</u>
1. Bench	33	
2. Bench Floor	29	
3. Sink	30	
4. Sink Floor	22	
5. Hood	36	
6. Hood Floor	29	
7. Refrigerator Floor	36	
8. Refrigerator	29	
9. Gamma Counter Floor	31	
10. Gamma Counter	54	
11. Scintillation Counter Floor	35	
12. Scintillation Counter	43	
13. Waste Drum	27	
14.		
15.		

BACKGROUND:

Average Background - 35 cpm.

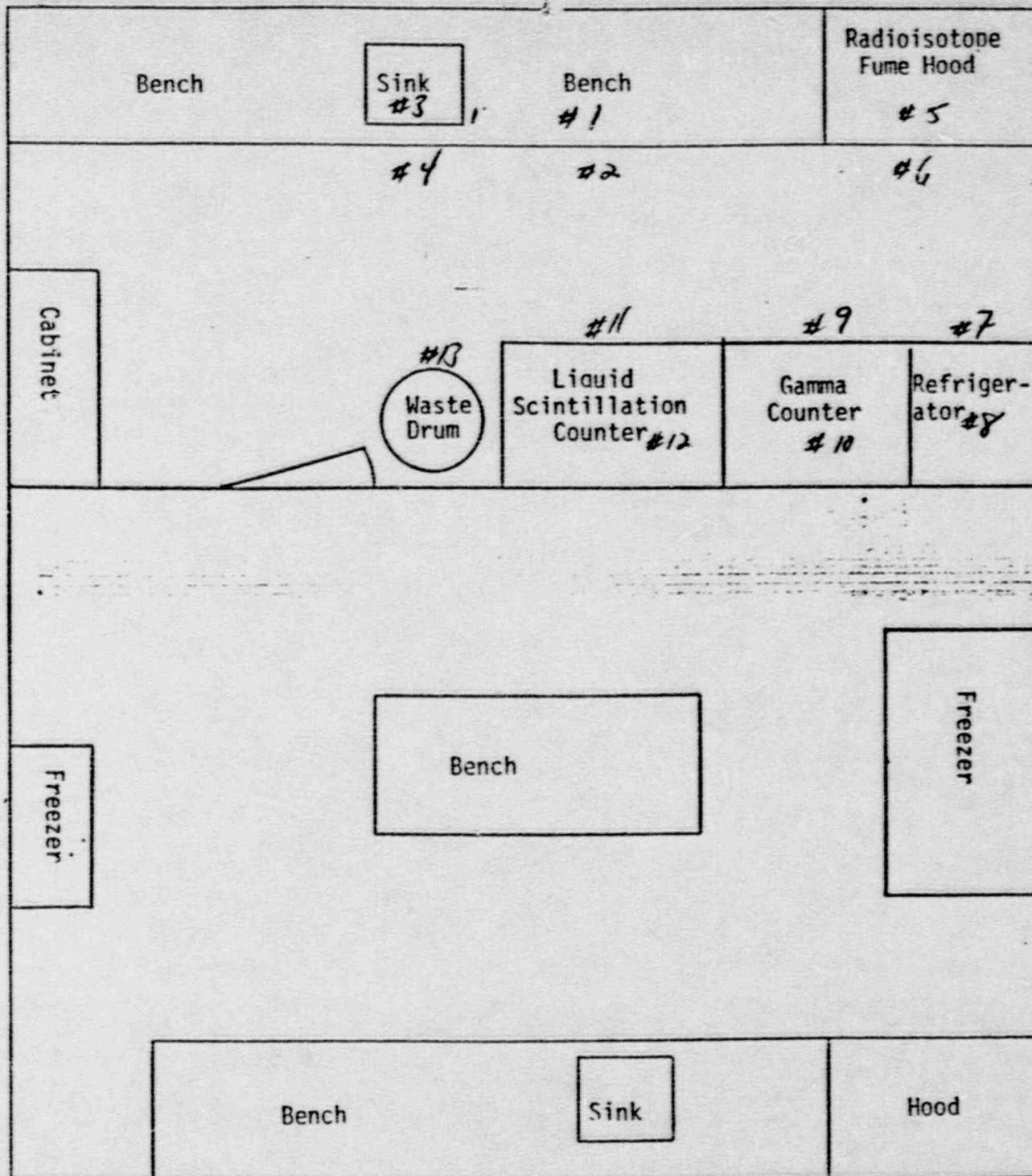
COMMENTS:

6/14/88

1	1.00	33
2	1.00	32
7	1.00	40

32 } Background.
30 }
39 }

1	1.00	32	33
2	1.00	31	29
3	1.00	30	30
4	1.00	24	22
5	1.00	35	36
6	1.00	29	29
7	1.00	38	36
8	1.00	34	29
9	1.00	30	31
10	1.00	52	54
11	1.00	36	35
12	1.00	43	43
13	1.00	27	27



LABORATORY C

: (FOR LFMS USE)
 : INFORMATION FROM LTS
 : -----
 :
 : PROGRAM CODE: 03620
 : STATUS CODE: 0
 : FEE CATEGORY: 3M
 : EXP. DATE: 19920229
 : FEE COMMENTS: -----
 :

BETWEEN:

LICENSE FEE MANAGEMENT BRANCH, ARM
 AND
 REGIONAL LICENSING SECTIONS

LICENSE FEE TRANSMITTAL

A. REGION T

1. APPLICATION ATTACHED
 APPLICANT/LICENSEE: W. R. GRACE & CO.
 RECEIVED DATE: 880712
 DOCKET NO: 3004762
 CONTROL NO.: 109220
 LICENSE NO.: 20-13794-01
 ACTION TYPE: AMENDMENT

2. FEE ATTACHED
 AMOUNT: 120.00
 CHECK NO.: 50443

3. COMMENTS

SIGNED BP
 DATE 7/2/88

B. LICENSE FEE MANAGEMENT BRANCH (CHECK WHEN MILESTONE 03 IS ENTERED 1-7)

1. FEE CATEGORY AND AMOUNT: 3M \$ 120

2. CORRECT FEE PAID. APPLICATION MAY BE PROCESSED FOR:
 AMENDMENT ✓
 RENEWAL _____
 LICENSE _____

3. OTHER _____

SIGNED S. Kimberley
 DATE 7/2/88