

REPLY TO
SPRING HOUSE TECHNICAL CENTER
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SPRING HOUSE, PA 19477-0904
(215) 641-7000

RECEIVED
REGION 1

2005 JUL -6 AM 8:09



June 29, 2005

Mr. John Nicholson
Commercial and R&D Branch
Division of Nuclear Materials Safety
US Nuclear Regulatory Commission
Region I
475 Allendale Road
King of Prussia, PA 19406

MS 16
L-7

Ref: Mail Control No. 136973 Docket No. 03006021
License No. 37-01665-01
Letter dated January 18, 2005, Thompson to Greenley
Letters dated April 26, 2005, May 16, 2005 and May 27, 2005, Rothman to
Nicholson

Dear Mr. Nicholson:

In response to your query, where you pointed out that our licensed operations at the Philadelphia Plant began in late 1956 to very early 1957, and wanted some further details and monitoring performed, I am providing this information. I was told by Dr. Bill Lyman, a retiree who worked there for a time starting in 1958, that his predecessor worked with very small amounts of ^3H and ^{14}C material, contracting out larger syntheses. Dr. Lyman began working in Building 60 in 1958, working with microcurie amounts of material. I have attached a letter that he wrote describing his work.

Dr. Lyman accompanied me to the Philadelphia Plant on June 17th and showed me the lab in 60 Building where he worked, Room 181. He immediately saw that the lab, which has been out of operation for several years now, had changed from his occupation, and we saw a plaque in the lab stating that the lab had been renovated in May 1988. The hood that he used was replaced, as were all of the lab benches and the flooring. He showed me where the Liquid Scintillation Counter originally stood and the location of his former hood. He worked in the end hood of the lab and used a Liquid Scintillation Counter nearby in an enclosed area in the aisle between the eastern outer wall and the first bench.

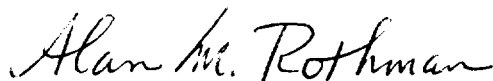
136973

NMSS/RGNI MATERIALS-002

I monitored the area with a meter and by wipe test (methanol-soaked Q-tips). I used a Ludlum 44-116 100 cm² thin-window scintillator probe with a Ludlum Model 3 survey meter and a Packard 1900 CA Liquid Scintillation Analyzer for the swipes. I found no evidence of ¹⁴C or ³H contamination anywhere in the room. Although the original hood and immediate ductwork had been replaced, I assumed that there was a possibility that any contamination further along the ductwork might fall back down when the hood were turned off, and I monitored the replacement hood. Because of static electricity and dirt in the wipe samples, we generally use any count less than twice background as not significant. At this point I found no evidence of contamination in the only area in Room 181 where ¹⁴C or ³H material was used.

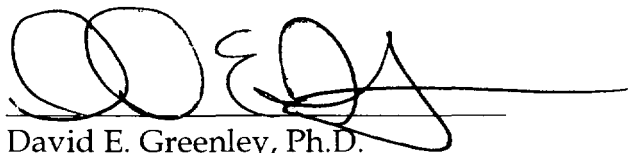
I am enclosing Bill Lyman's letter, a diagram of the first floor of 60 building, showing the laboratory location, pictures of the current lab, and my monitoring reports. I am also enclosing floor plan diagrams of the entire 60 Building. I hope that this satisfactorily answers your questions and we can move ahead with removing the Philadelphia Plant from our license.

Sincerely,



Alan M. Rothman, Ph.D.
Radiation Safety Officer
Spring House Technical Center
Rohm and Haas Company
Tel: 215-641-7229
FAX: 215-641-7254

Approved By:



David E. Greenley, Ph.D.
Director of Technology Operations
Spring House Technical Center

Rohm and Haas Company

Enclosures:

1. Letter, Lyman to Rothman, dated June 17, 2005
2. Floor Plan of Building 60 first floor
3. Photo showing end hood in Room 181, site of the former radiotracer hood.
4. Photo showing corner of Room 181 where LSC used to be located.
5. Photo showing wall area of Room 181 where LSC used to be located.
6. Meter Monitoring Report of Room 181.
7. Wipe Test Monitoring Report of Room 181.
8. Additional Floor plans of 60 Building

June 17, 2005

To: Dr. Alan M. Rothman

From: William R. Lyman

Subject: Use of Radioisotopes in Building 60, Rohm & Haas Co., Philadelphia Plant

I transferred into Analytical Research Laboratory (Lab 13) on April 1, 1958. My assignment was to consult with anyone in Research as to the feasibility of the use of radioisotopes to tackle specific research problems. In cases where this use appeared practical, it was also my duty to help plan experiments, obtain approval from research management to proceed, to obtain necessary materials, supervise the work from the standpoint of radiation safety, and provide guidance and service in the measurement of radioactivity in samples. To enhance my capability to do this I took a four week course at the Oak Ridge Institute of Nuclear Studies at Oak Ridge, TN in October, 1958. On January 1, 1961 I transferred from Building 60 to Analytical Laboratory (Lab 57) in Building 64 at the Rohm & Haas Co. Bristol Plant at Bristol, PA.

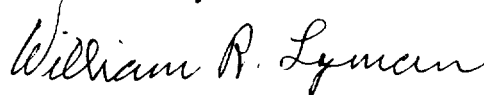
During the time at the Philadelphia location I worked in Room 181 of Building 60. I had the use of a small fume hood and an adjacent short section of laboratory bench. This area was used for small scale practice syntheses of radiolabeled compounds using microcurie quantities of tritium or carbon 14. If these were successful and higher activity samples were to be made, this work was done in a laboratory at Bristol Building 64 which was available for this purpose.

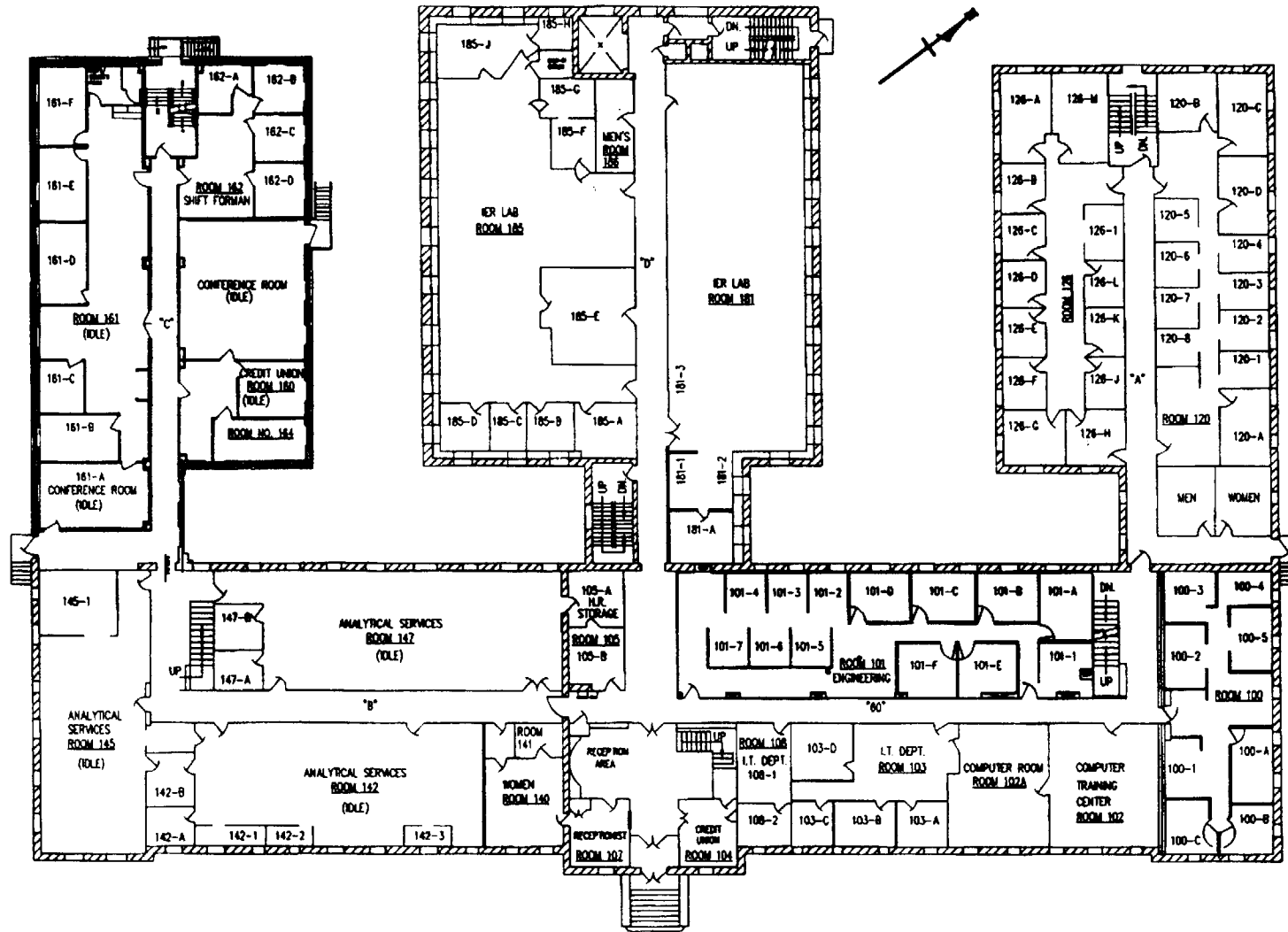
About 10-15 feet from my work area at Philadelphia was a separate area (in Room 181) with a Liquid Scintillation Counter and adjacent bench for the preparation and counting of radioactive samples.

In any experiments involving the participation of other chemists it was my practice to discuss with them the aspects of radiation safety pertaining to the isotope to be used, especially the need to avoid contamination of the person by skin contact, inhalation or ingestion, or contamination of bench tops or other areas which might lead to personal exposure or to false results in the experiment. It was also our practice to monitor areas suspected of possible contamination by taking wipes, followed by cleanup and repeating, if necessary, until wipes were free of counts above background.

In our visit to Building 60, Philadelphia today, I believe we identified the locations within Room 181 which would be most likely to show contamination if indeed any remains after more than 45 years.

William R. Lyman

A handwritten signature in cursive script that reads "William R. Lyman". The signature is written in black ink and is positioned below the typed name.



REVISIONS	
NO.	DESCRIPTION

1	NO	BROUGHT UP TO DATE	
2	NO	BROUGHT UP TO DATE	
3	NO	BROUGHT UP TO DATE	
4	NO	BROUGHT UP TO DATE	
5	NO	REBRWLN	

**BUILDING 80
FIRST FLOOR
FLOOR PLAN**



SCALE	DATE	BY	CHECKED
AS SHOWN			

Building 60 Room 181



End Hood (previous location of radiotracer hood)

Building 60 Room 181



Former Location of Liquid Scintillation Counter

Building 60 Room 181



Previous LS Counter Area

SURVEY METER MONITORING FOR CONTAMINATION

Area or Place Monitored: Room 181 Bldg 60

A. Meter:

Meter Used (S/N) Ludlum (72440)

Expiration Date 9/15/05

Check Source Reading 1.6 mR/hr Theor. Reading 1.6 mR/hr or 5500 cpm

Background Reading (units) 450 cpm

B. Items Surveyed:

Result:

<u>Floor in counter area</u>	<u>BKG</u>
<u>walls in counter area</u>	<u>BKG</u>
<u>Lab bench closest to counter area</u>	<u>BKG</u>
<u>Exterior of hood</u>	<u>BKG</u>
<u>Interior of hood, bench, baffle</u>	<u>BKG</u>
<u>Floor area around hood</u>	<u>BKG</u>
<u>floor drain</u>	<u>BKG</u>

Survey Performed By A Rothman

Date 6/17/05

Monitoring Report for Wipe Testing

Location:	Philadelphia Plant Building 60 Room 181		
Date:	6/17/2005	Done By:	Alan M. Rothman
Type:	Methanol soaked Q-tip		

Counter:	Packard Tri-Carb 1900 CA	Cocktail:	ReadySafe
Count:	5 x 1 min 10 deg C		

	Hydrogen-3 Channel		
vial #	wipe ID	dpm	uCi
1	background control	5	---
2	Hood bench	1	0
3	Hood baffle at rear	0	0
4	Hood apron	0	0
5	Hood left side	2	0
6	Hood right side	1	0
7	Hood nozzles	2	0
8	Floor in front of hood	0	0
9	Pillar	1	0
10	Floor drain	1	0
11	Random floor LSC area	1	0
12	Random floor LSC area	1	0
13	Random floor LSC area	2	0
14	heater vents in LSC area	12	0
15	heater vents in LSC area	1	0
16	Floor under heater vents	3	0
17	Floor near sink	0	0
18	Sink	3	0
19	Floor center under LS Counter	3	0
20	benchttop LSC area	2	0
21	Floor doorway entrance	7	0
22	Tile wall at entrance	2	0
23	Pillar side of door	1	0
24	Wall behind LS Counter	3	0
26	sealed 3H standard (283300 dpm)	276706	(283300)
27	sealed 14C standard (125100 dpm)	634	(125100)

Signature: Alan M. Rothman Date: 6/20/05

Monitoring Report for Wipe Testing

Location:	Philadelphia Plant Building 60 Room 181		
Date:	6/17/2005	Done By:	Alan M. Rothman
Type:	Methanol soaked Q-tip		

Counter:	Packard Tri-Carb 1900 CA	Cocktail:	ReadySafe
Count:	5 x 1 min 10 deg C		

	Carbon-14 Channel		
vial #	wipe ID	dpm	uCi
1	background control	11	---
2	Hood bench	0	0
3	Hood baffle at rear	7	0
4	Hood apron	0	0
5	Hood left side	2	0
6	Hood right side	0	0
7	Hood nozzles	2	0
8	Floor in front of hood	5	0
9	Pillar	1	0
10	Floor drain	2	0
11	Random floor LSC area	4	0
12	Random floor LSC area	4	0
13	Random floor LSC area	0	0
14	heater vents in LSC area	2	0
15	heater vents in LSC area	2	0
16	Floor under heater vents	5	0
17	Floor near sink	1	0
18	Sink	3	0
19	Floor center under LS Counter	4	0
20	benchttop LSC area	2	0
21	Floor doorway entrance	7	0
22	Tile wall at entrance	2	0
23	Pillar side of door	2	0
24	Wall behind LS Counter	2	0
26	sealed 3H standard (283300 dpm)	0	(283300)
27	sealed 14C standard (125100 dpm)	124950	(125100)

Signature: Alan M. Rothman Date: 6/20/05

Protocol #:19 Name:Room 181 Bldg 60 20-Jun-2005 06:45

Region A: LL-UL= 0.0-12.0 Lcr= 0 Bkg= 0.00 %2 Sigma=0.43

Region B: LL-UL=i2.0-156. Lcr= 0 Bkg= 0.00 %2 Sigma=0.43

Region C: LL-UL= 0.0- 0.0 Lcr= 0 Bkg= 0.00 %2 Sigma=0.00

Time = 1.00 GIP = tSIE/AEC ES Terminator = Count

Conventional DPM

Nuclide 1 = 283300 Nuclide 2 = 125100

S#	TIME	CPMA	CPMB	SIS	DPM1	DPM2	tSIE	LUM	FLAG
1	10.00	4.87	12.23	99.181			714.	1	B
1	10.00	5.80	11.50	97.515			717.	1	B
1	10.00	5.76	13.24	91.907			712.	1	B
1	10.00	6.01	11.88	92.026			714.	2	B
1	10.00	4.84	10.66	98.609			714.	3	B
	10.00	5.46	11.90	95.848			714.	1	AB
2	1.00	0.00	0.00	0.000	0.00	0.00	362.	13	
2	1.00	1.08	1.57	0.000	2.55	1.84	361.	0	
2	1.00	0.00	0.10	0.000	0.00	0.12	363.	18	
2	1.00	0.00	7.10	0.000	0.00	9.00	361.	9	
2	1.00	0.00	0.00	0.000	0.00	0.00	361.	33	
	1.00	0.22	1.75	0.000	0.51	2.19	362.	15	A
3	1.00	0.00	4.10	0.000	0.00	5.18	375.	0	
3	1.00	0.54	3.10	0.000	0.28	3.84	375.	0	
3	1.00	0.00	3.10	0.000	0.00	3.92	375.	0	
3	1.00	0.00	8.51	58.065	0.00	10.75	375.	0	
3	1.00	1.54	8.10	35.789	1.08	10.03	375.	0	
	1.00	0.42	5.38	18.771	0.27	6.74	375.	0	A
4	1.00	0.00	0.00	0.000	0.00	0.00	524.	0	
4	1.00	0.00	0.00	0.000	0.00	0.00	520.	7	
4	1.00	0.00	0.10	0.000	0.00	0.12	524.	0	
4	1.00	0.00	0.00	0.000	0.00	0.00	522.	7	
4	1.00	0.21	0.44	10.097	0.33	0.51	524.	11	
	1.00	0.04	0.11	2.019	0.07	0.13	523.	5	A
5	1.00	0.00	0.00	0.000	0.00	0.00	374.	9	
5	1.00	0.00	0.00	0.000	0.00	0.00	376.	0	
5	1.00	0.00	1.10	0.000	0.00	1.39	376.	0	
5	1.00	1.54	0.00	0.000	4.50	0.00	376.	6	
5	1.00	0.00	6.28	37.424	0.00	7.94	376.	4	
	1.00	0.31	1.48	7.485	0.90	1.86	376.	4	A
6	1.00	0.00	1.90	78.771	0.00	2.33	603.	0	
6	1.00	0.00	0.10	0.000	0.00	0.12	606.	6	
6	1.00	2.54	0.00	0.000	5.40	0.00	606.	0	
6	1.00	0.00	0.00	0.000	0.00	0.00	602.	0	
6	1.00	0.00	0.00	7.120	0.00	0.00	602.	6	
	1.00	0.51	0.40	17.178	1.08	0.49	604.	2	A
7	1.00	1.11	1.54	0.000	1.92	1.75	582.	5	
7	1.00	2.32	0.00	0.000	5.04	0.00	582.	0	
7	1.00	1.54	5.10	70.796	1.77	6.06	581.	0	
7	1.00	0.00	3.34	4.356	0.00	4.09	581.	0	
7	1.00	0.00	0.00	94.228	0.00	0.00	581.	0	
	1.00	1.00	2.00	33.876	1.75	2.38	582.	1	A
8	1.00	1.04	5.60	113.20	0.59	6.82	463.	0	
8	1.00	0.00	4.10	67.810	0.00	5.08	463.	0	
8	1.00	0.00	0.00	0.000	0.00	0.00	461.	13	
8	1.00	0.00	6.10	143.97	0.00	7.56	464.	5	
8	1.00	0.54	6.10	0.000	0.00	7.49	464.	0	
	1.00	0.32	4.38	64.994	0.12	5.39	463.	3	A

S#	TIME	CPMA	CPMB	SIS	DPM1	DPM2	tSIE	LUM	FLAG
9	1.00	0.00	0.00	0.000	0.00	0.00	552.	6	
9	1.00	0.00	3.10	0.000	0.00	3.80	555.	0	
9	1.00	0.54	0.00	0.000	1.22	0.00	551.	0	
9	1.00	0.99	0.00	0.000	2.22	0.00	553.	0	
9	1.00	0.54	0.00	0.000	1.22	0.00	554.	0	
	1.00	0.42	0.62	0.000	0.93	0.76	553.	1	A
10	1.00	0.54	1.10	26.445	0.86	1.28	562.	0	
10	1.00	0.93	2.71	25.235	1.20	3.22	562.	0	
10	1.00	0.00	2.71	107.18	0.00	3.32	562.	0	
10	1.00	0.00	0.00	0.000	0.00	0.00	563.	0	
10	1.00	1.54	0.00	0.000	3.41	0.00	564.	0	
	1.00	0.60	1.30	31.773	1.09	1.56	562.	0	A
11	1.00	0.00	0.00	0.000	0.00	0.00	591.	0	
11	1.00	0.00	7.11	72.597	0.00	8.70	593.	0	
11	1.00	0.00	4.10	97.854	0.00	5.01	592.	0	
11	1.00	1.54	1.10	27.207	2.97	1.17	595.	5	
11	1.00	0.00	4.10	59.356	0.00	5.01	592.	0	
	1.00	0.31	3.28	51.403	0.59	3.98	593.	1	A
12	1.00	0.54	1.10	110.32	0.82	1.28	607.	0	
12	1.00	0.00	6.81	81.008	0.00	8.33	607.	0	
12	1.00	0.00	8.10	139.23	0.00	9.90	610.	0	
12	1.00	1.54	0.00	0.000	3.27	0.00	608.	13	
12	1.00	1.54	0.00	0.000	3.26	0.00	609.	0	
	1.00	0.73	3.20	66.112	1.47	3.90	608.	3	A
13	1.00	0.00	0.00	0.000	0.00	0.00	559.	0	
13	1.00	0.00	0.10	0.000	0.00	0.12	560.	7	
13	1.00	0.00	0.10	62.135	0.00	0.12	563.	6	
13	1.00	3.94	0.00	0.000	8.71	0.00	562.	6	
13	1.00	0.00	0.10	308.28	0.00	0.12	560.	7	
	1.00	0.79	0.06	74.084	1.74	0.07	561.	5	A
14	1.00	0.00	3.10	0.000	0.00	3.97	313.	5	
14	1.00	4.17	4.73	0.000	11.72	5.51	314.	4	
14	1.00	9.15	0.00	0.000	30.96	0.00	313.	8	
14	1.00	2.54	0.00	0.000	8.61	0.00	313.	11	
14	1.00	3.54	0.00	0.000	12.01	0.00	312.	18	
	1.00	3.88	1.57	0.000	12.66	1.90	313.	9	A
15	1.00	1.54	0.10	0.000	3.62	0.00	505.	0	
15	1.00	0.00	0.00	0.000	0.00	0.00	507.	0	
15	1.00	0.54	7.10	55.874	0.00	8.68	507.	4	
15	1.00	0.54	0.00	0.000	1.29	0.00	505.	0	
15	1.00	0.00	0.00	0.000	0.00	0.00	505.	0	
	1.00	0.53	1.44	11.175	0.98	1.74	506.	1	A
16	1.00	0.00	3.10	0.000	0.00	3.88	414.	5	
16	1.00	0.00	4.10	0.000	0.00	5.13	415.	0	
16	1.00	5.06	2.58	0.000	12.76	2.59	412.	4	
16	1.00	0.00	3.10	0.000	0.00	3.88	414.	0	
16	1.00	0.00	7.10	3.051	0.00	8.89	415.	0	
	1.00	1.01	3.99	0.610	2.55	4.87	414.	2	A
17	1.00	0.00	0.00	0.000	0.00	0.00	451.	0	
17	1.00	0.00	0.00	0.000	0.00	0.00	451.	0	
17	1.00	0.00	2.10	99.882	0.00	2.61	453.	12	
17	1.00	0.00	1.10	0.000	0.00	1.36	452.	11	
17	1.00	0.00	1.10	0.000	0.00	1.36	453.	7	
	1.00	0.00	0.86	19.976	0.00	1.07	452.	6	A
18	1.00	1.38	3.27	73.502	1.96	3.84	585.	5	
18	1.00	0.00	2.10	7.395	0.00	2.57	584.	0	

SN	TIME	CPMA	CPMB	SIS	DPM1	DPM2	tsIE	LUM	FLAG
18	1.00	0.54	0.00	0.000	1.18	0.00	586.	0	
18	1.00	5.54	0.00	0.000	11.97	0.00	586.	6	
18	1.00	0.00	5.10	92.026	0.00	6.24	584.	0	
	1.00	1.49	2.09	34.585	3.02	2.53	585.	2	A
19	1.00	5.54	3.10	0.000	14.72	3.18	381.	8	
19	1.00	0.00	7.10	35.747	0.00	8.96	382.	5	
19	1.00	0.49	4.16	38.865	0.00	5.18	382.	9	
19	1.00	0.00	1.10	0.000	0.00	1.39	383.	12	
19	1.00	0.00	1.10	0.000	0.00	1.39	383.	0	
	1.00	1.21	3.31	14.922	2.94	4.02	382.	7	A
20	1.00	0.54	0.00	0.000	1.15	0.00	606.	8	
20	1.00	0.00	5.10	155.06	0.00	6.23	603.	0	
20	1.00	0.00	0.00	0.000	0.00	0.00	606.	7	
20	1.00	1.54	3.10	37.677	2.33	3.61	605.	5	
20	1.00	2.54	0.10	0.000	5.36	0.00	606.	0	
	1.00	0.93	1.66	38.547	1.77	1.97	605.	4	A
21	1.00	0.00	4.10	120.84	0.00	5.03	538.	5	
21	1.00	5.49	1.15	24.341	12.09	0.77	539.	0	
21	1.00	0.00	1.10	0.000	0.00	1.35	536.	0	
21	1.00	1.54	0.00	0.000	3.51	0.00	539.	0	
21	1.00	9.47	11.17	44.173	17.89	12.61	538.	0	
	1.00	3.30	3.50	37.870	6.70	3.95	538.	1	A
22	1.00	0.00	0.00	0.000	0.00	0.00	628.	0	
22	1.00	0.00	0.00	0.000	0.00	0.00	626.	0	
22	1.00	1.54	0.00	0.000	3.21	0.00	629.	0	
22	1.00	0.54	0.00	0.000	1.13	0.00	628.	0	
22	1.00	2.54	6.10	0.000	3.47	7.16	626.	0	
	1.00	0.93	1.22	0.000	1.56	1.43	627.	0	A
23	1.00	0.00	0.00	0.000	0.00	0.00	622.	0	
23	1.00	2.82	0.00	0.000	5.89	0.00	623.	6	
23	1.00	0.00	4.10	124.67	0.00	5.01	625.	0	
23	1.00	0.00	6.10	0.000	0.00	7.45	623.	0	
23	1.00	0.00	0.00	0.000	0.00	0.00	624.	0	
	1.00	0.56	2.04	24.933	1.18	2.49	623.	1	A
24	1.00	5.99	0.65	0.000	14.82	0.07	461.	4	
24	1.00	0.00	0.00	0.000	0.00	0.00	461.	0	
24	1.00	0.54	0.10	0.000	1.33	0.05	461.	6	
24	1.00	0.00	0.00	0.000	0.00	0.00	459.	0	
24	1.00	0.00	9.10	54.306	0.00	11.29	462.	4	
	1.00	1.31	1.97	10.861	3.23	2.28	461.	3	A
(1 missing vial)									
26	1.00	164466.	12246.3	20.320	276266.	0.00	1037	0	E
26	1.00	164163.	12245.4	20.284	275858.	2.30	1036	0	E
26	1.00	165281.	11819.6	20.300	276969.	0.00	1045	0	E
26	1.00	164842.	12237.0	20.272	277085.	0.00	1036	0	E
26	1.00	165097.	12269.4	20.361	277351.	0.00	1037	0	E
	1.00	164770.	12163.5	20.307	276706.	0.46	1038	0	AE*
27	1.00	15496.9	103747.	133.20	839.00	124458.	828.	0	
27	1.00	15139.1	104346.	133.18	27.82	125225.	826.	0	
27	1.00	15262.4	104310.	133.48	266.68	125171.	825.	0	
27	1.00	15598.9	103947.	132.85	973.19	124691.	828.	0	
27	1.00	15727.7	104383.	133.55	1087.92	125205.	830.	0	
	1.00	15445.0	104146.	133.25	638.92	124950.	827.	0	A

SYSTEM NORMALIZED

C14 IPA DATA PROCESSED - 20-Jun-2005 10:54

C14 Eff (0-156 keV) = 95.41 %

H3 IPA DATA PROCESSED - 20-Jun-2005 10:55

H3 Eff (0-18.6 keV) = 63.40 %

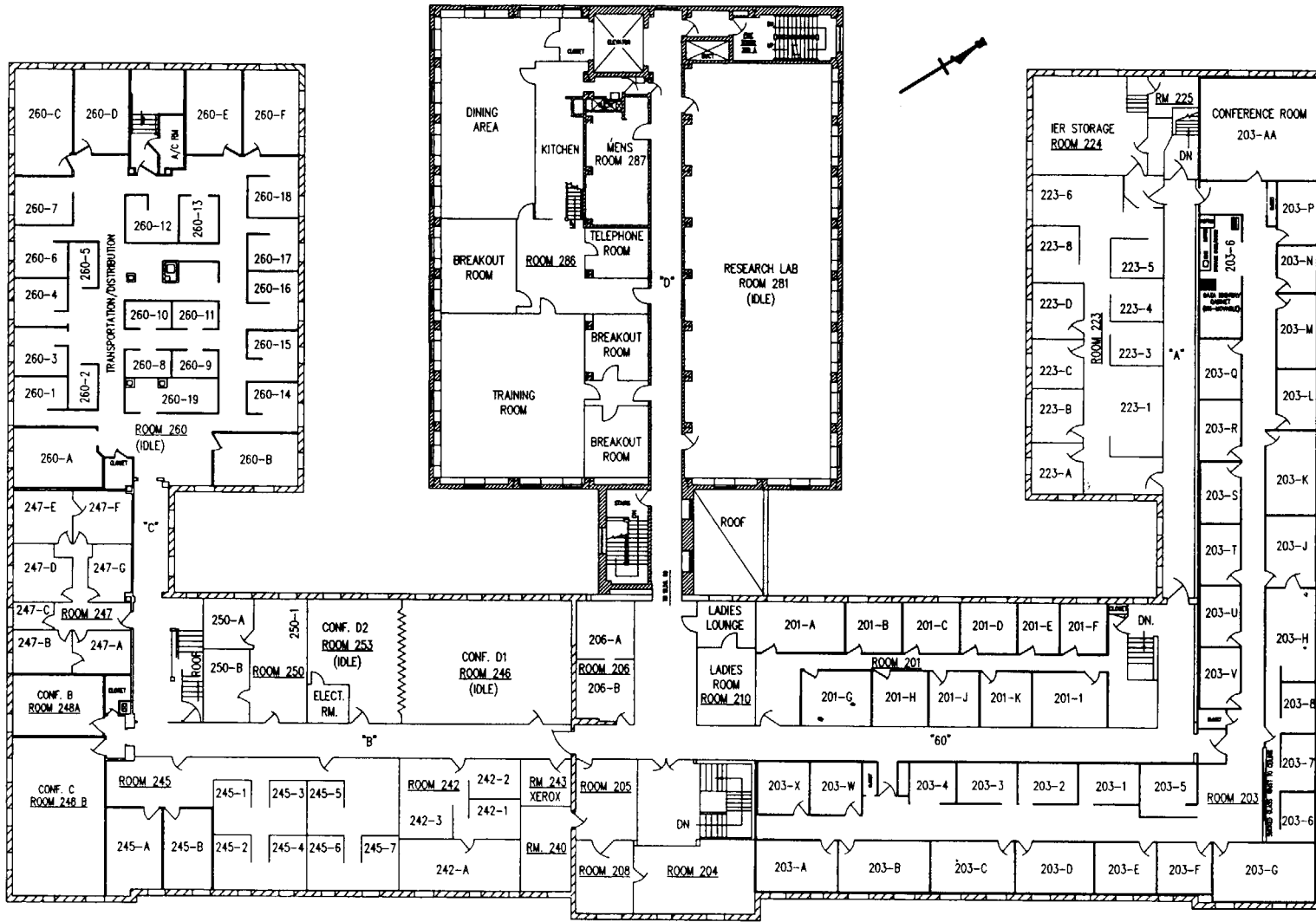
8K0 IPA DATA PROCESSED - 20-Jun-2005 11:56

Bkg (0-18.6 keV) = 13.87 cpm

Bkg (0-156 keV) = 21.13 cpm

C14 E²/B (1-156 keV) = 559.43

H3 E²/B (1-18.6 keV) = 292.92



NO.	DATE	DESCRIPTION	APPROVED
L	10/1/80	BROUGHT UP TO DATE	
K	9/1/80	BROUGHT UP TO DATE	
J	8/1/80	ADDED ROOM NUMBERS	
I	7/1/80	BROUGHT UP TO DATE	
H	6/1/80	BROUGHT UP TO DATE	
G	5/1/80	BROUGHT UP TO DATE	
F	4/1/80	BROUGHT UP TO DATE	
E	3/1/80	BROUGHT UP TO DATE	
D	2/1/80	RETRAIN	

REFERENCE DRAWINGS

60-750 BLDG 60 - ROOM 286
 60-780 BLDG 60 - MEZZANINE & THIRD FLOOR
 60-811 BLDG 60 - FIRST FLOOR
 60-801 BLDG 60 - BASEMENT

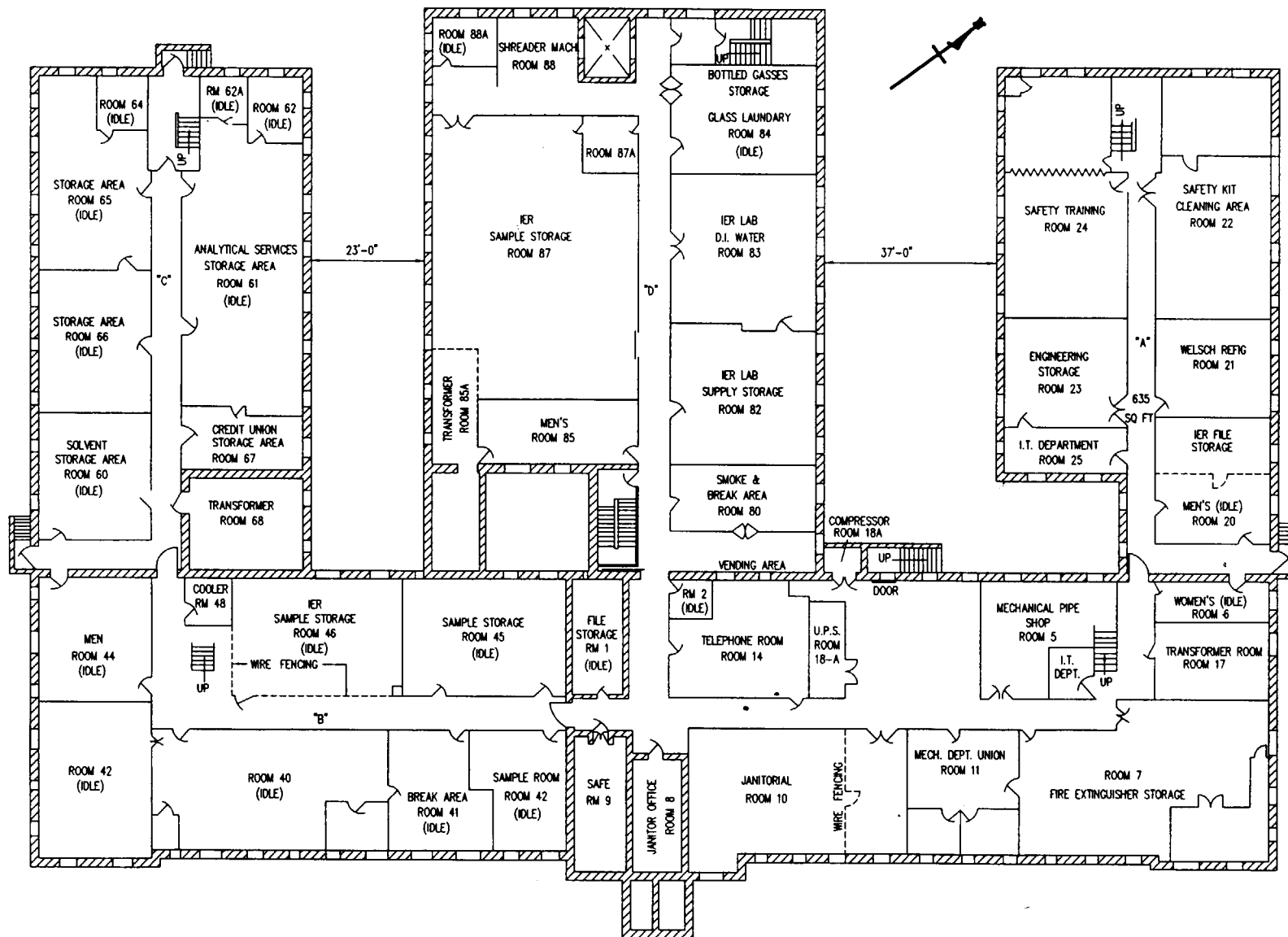
**BUILDING 60
SECOND FLOOR
FLOOR PLAN**

ROHM & HAAS
PHILADELPHIA PLANT
PHILADELPHIA, PA.

DATE OF ISSUE: 10/1/80
 DATE OF REVISION: 10/1/80
 DRAWING NUMBER: 60-82

NO.	DATE	DESCRIPTION	APPROVED
350	00	0060	100
012	L		

60-82



60-200	BLDG. 60 - MEZZANINE & THIRD FLOOR
60-21	BLDG. 60 - SECOND FLOOR
60-22	BLDG. 60 - FIRST FLOOR
60-23	BLDG. 60 - BASEMENT

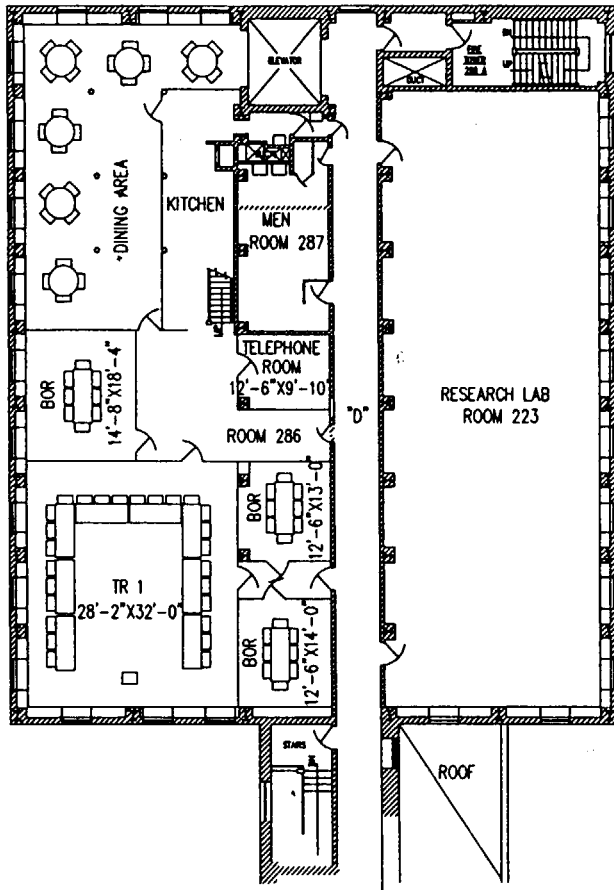
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**BUILDING 60
BASEMENT
FLOOR PLAN**

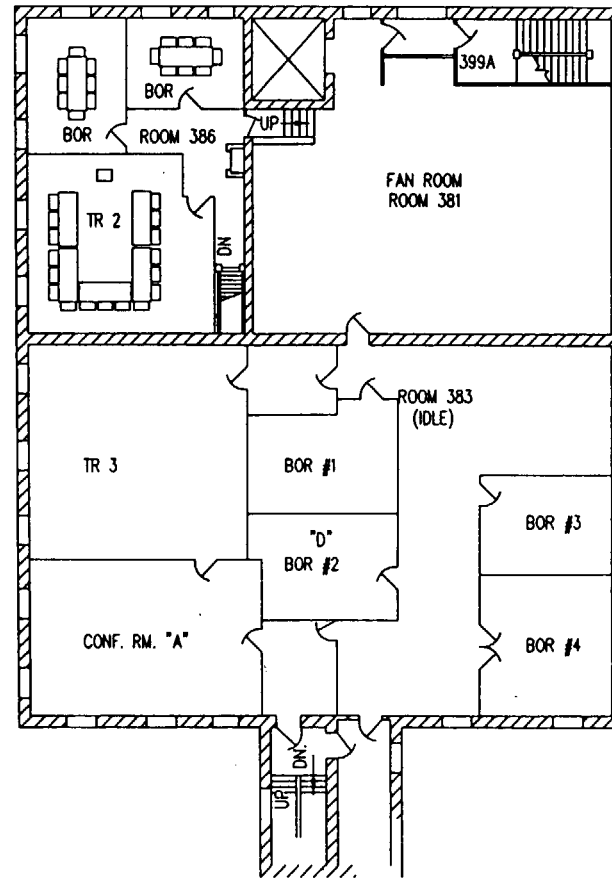


DATE	DESCRIPTION	BY	APP'D
05-85	ISSUED FOR CONSTRUCTION	J. J. ...	J. J. ...
DRAWING NUMBER		DATE	
7860		00	
REV.	DATE	BY	APP'D
350	00	0060	100
		010	K

60-80



SECOND FLOOR 'D' WING
SCALE 1/8"=1'-0"



THIRD FLOOR 'D' WING
SCALE 1/8"=1'-0"

NO.	DATE	DESCRIPTION

BUILDING 60
MODIFICA
ROOM 286 SEC
PARTITIONS AND

**ROHM
HARRIS**
PHILADELPHIA
PHILADELPHIA

DATE	1/20/70	REVISED	1
DATE	10-715	DATE	
NO.	92-458	PLAT NO.	002
NO.	350	NO.	00
NO.	0060	NO.	0060