

SmithKline Bio-Science Laboratories

April 4, 1985

MS 16
P8

U.S. Nuclear Regulatory Commission
Division of Fuel Cycle and Material Cycle
Washington, DC 20555

Gentlemen:

Re: License No. 37-09314-02

This is to inform you that as of April 30, 1985 our laboratory, American Bio-Science Laboratories, in Philadelphia will be closed down.


In order to comply with NRC protocol for termination of our licenses, we are submitting the required report. Enclosed you will find the following:

1. A map of our RIA laboratory area.
2. A brief description of numbered areas on the map.
3. Gamma counter counts for each numbered item or area.
4. Calculation for net DPM removable radioactivity/100 cm².
5. Required areas to be decontaminated and a retest of these areas.

If you have any questions, please feel free to call me at (215) 561-7283 or (800) 523-0954.

7382

Sincerely,


Joseph J. Camoratto
Supervisor

Enclosures

cc:

Administrator of the NRC Regional Office

ES/mb

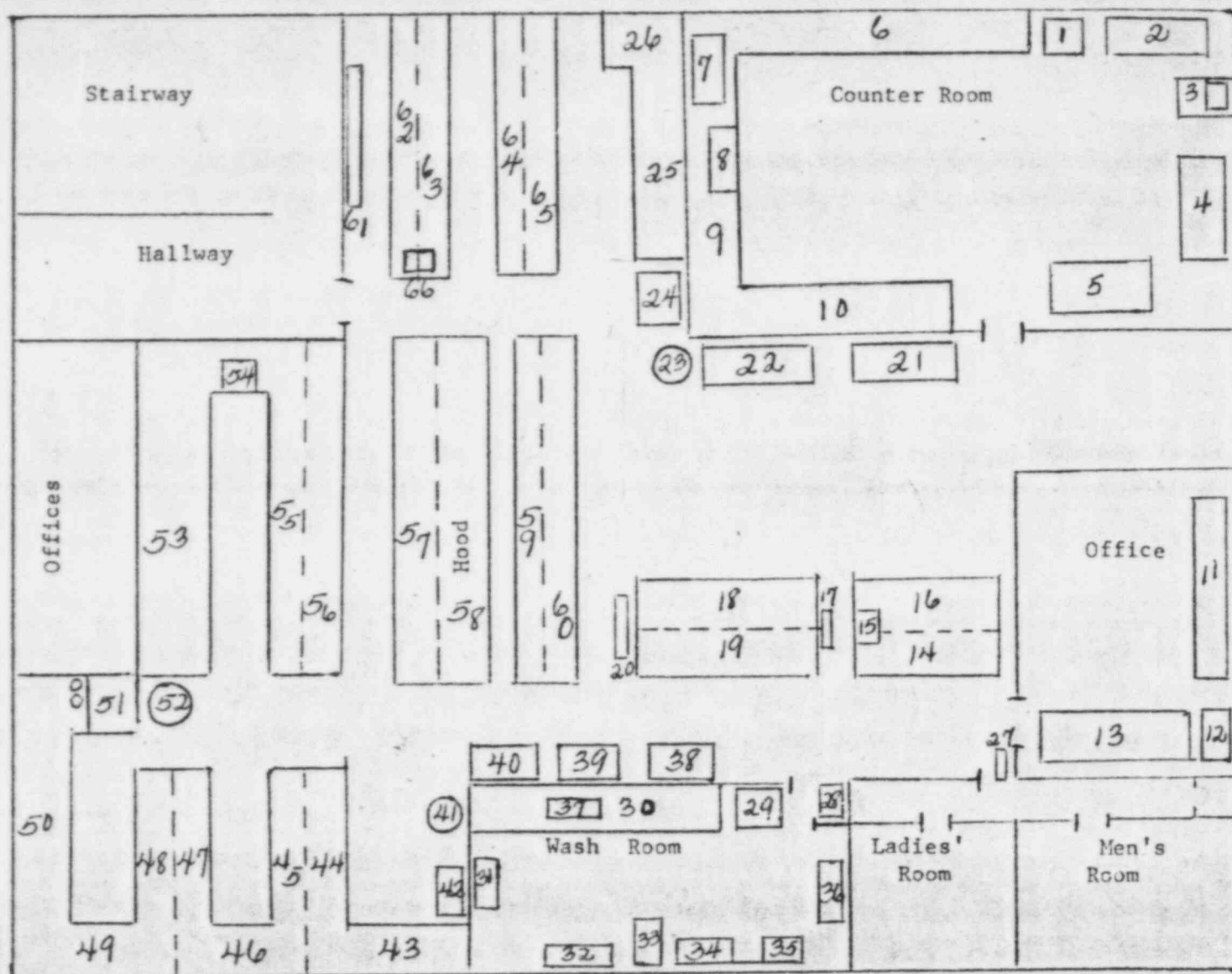
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Pipe Test Map

Station	Description	Date
31	Ice Cream Freezer	3/26/85
32	Ice Cream Freezer	1/30/85
33	Autoclave	9/13/84
34	Reagent Cabinet	11/28/84
35	Storage Cabinet	7/4/84
36	Storage Cabinet	12/3/84
37	Wash Room Sink	3/26/85
38	Solvent Safety Cabinet	3/26/85
39	Solvent Safety Cabinet	2/28/85
40	Acid Safety Cabinet	8/1/84
41	Centrifuge	10/14/84
42	Toxicology Refug	3/26/85
43	HPLC Bench	1/30/85
44	HPLC Counter	9/13/84
45	Condensed Air Prep Bench	11/28/84
46	Metallurgy Bench	3/26/85
47	Chilled Prep Bench	3/26/85
48	Volatile Bench	7/1/84
49	D.D. H ₂ O Bench	6/14/84
50	G.C. Bench	3/26/85
51	44 Jordan Refug	8/1/84
52	104 Centrifuge	3/26/85
53	Spot test Bench	11/14/84
54	Toxicology Sink	1/30/85
55	Toxicology Bench	11/28/84
56	TLC Bench	5/20/84
57	Evaporating皿. Hook	12/3/84
58	Wood Bench	2/28/85
59	Wood Bench	5/20/84
60	Ph meter Bench	3/26/85
61	Jordan Refug #1	6/14/84
62	ABA Bench	3/26/85
63	Computer Bench	3/26/85
64	Mass Spec Bench	8/1/84
65	Log-out Bench	3/26/85

REMOVABLE RADIOACTIVITY MONTHLY SURVEY

BSE Site: Philadelphia Section: RIA
 Supervisor: Joe Camoratto Date Performed: 3/26/85
 Surveyed Isotope I-125
 Radiation Counter Used Counter #1 Location Counter Room
 Counter Efficiency 94 % as of 3/26/85
 Upper Background Cutoff 100 DPM

(1) Area No.	(2) Gross Counts Per Two Minutes	(3) Gross Counts Per Minute	(4) Gross DPM's	(5) Net DPM Removable Radioactivity/100cm ²	(6) Decontamination Required?*
Bkg	43	21.5	20.	—	—
Std	419.532	209.766	197.180	197.160	—
Control	65	32.5	31	11	no
#1	65	32.5	31	11	↓
2	47	23.5	22	2	
3	102	51.0	48	28	yes
4	52	26.0	24	4	no
5	83	41.5	39	19	—
6	43	21.5	20	0	
7	55	27.5	26	6	
8	54	27.0	25	5	
9	65	32.5	31	11	
10	45	22.5	21	1	
11	50	25.0	24	4	
12	55	27.5	25	5	
13	60	30.0	28	8	
14	57	28.5	27	7	
15	78	39.0	37	17	
16	59	29.5	28	8	
17	60	30.0	28	8	↓

Survey Performed By: E. Spina Supervisors Signature: Joe Camoratto

*Write "Yes" or "No". If "Yes", record the result(s) of the follow-up wipe test(s) in this column. The Radiation Safety Officer must be notified immediately if contamination levels of 1000 DPM or more are found.



REMOVABLE RADIOACTIVITY MONITORING SURVEY

(2)

BSE Site: Philadelphia Section: R1A
 Supervisor: Joe Camoratto Date Performed: 3/26/85
 Surveyed Isotope I125
 Radiation Counter Used Counter #1 Location Courier Room
 Counter Efficiency 94 % as of 3/26/85
 Upper Background Cutoff 100 DPM

(1) Area No.	(2) Gross Counts Per Two Minutes	(3) Gross Counts Per Minute	(4) Gross DPM's	(5) Net DPM Removable Radioactivity/100cm ²	(6) Decontamination Required?*
#18	70	35.0	33	13	no
19	55	27.5	26	6	↓
20	195	97.5	92	72	yes
21	59	29.5	28	8	no
22	46	23.0	22	2	
23	59	29.5	28	8	
24	52	26.0	24	4	
25	46	23.0	22	2	
26	43	21.5	20	0	
27	53	26.5	25	5	
28	65	32.5	31	11	
29	52	26.0	24	4	
30	49	24.5	23	3	
31	61	30.5	29	9	↓
32	218	109.0	102	92	yes
33	62	31.0	29	9	no
34	56	28.0	26	6	
35	42	21.0	20	0	
36	51	25.5	24	4	
37	61	30.5	29	9	↓

Survey Performed By: E. Spina Supervisors Signature: J. Camoratto

*Write "Yes" or "No". If "Yes", record the result(s) of the follow-up wipe test(s) in this column. The Radiation Safety Officer must be notified immediately if contamination levels of 1000 DPM or more are found.



MOVABLE RADIOACTIVITY MONITORING SURVEY

(3)

BSE Site: Philadelphia Section: RIA
 Supervisor: Joe Lamoratto Date Performed: 3/26/85
 Surveyed Isotope I-125
 Radiation Counter Used Counter #1 Location Counter Room
 Counter Efficiency 94 % as of 3/26/85
 Upper Background Cutoff 110 DPM

(1) Area No.	(2) Gross Counts Per Two Minutes	(3) Gross Counts Per Minute	(4) Gross DPM's	(5) Net DPM Removable Radioactivity/100cm ²	(6) Decontamination Required?*
H38	140	70.0	66	42	yes
39	58	29.0	27	7	no
40	56	28.0	26	6	
41	61	30.5	29	9	
42	62	31.0	29	9	
43	43	21.5	20	0	
44	57	28.5	27	7	
45	54	27.0	25	5	
46	46	23.0	22	2	
47	45	22.5	21	1	
48	54	27.0	25	5	
49	62	31.0	29	9	
50	37	18.5	17	-3	
51	49	24.5	23	3	
52	49	24.5	23	3	
53	49	24.5	23	3	
54	53	26.5	25	5	
55	63	31.5	30	10	
56	46	23.0	22	2	
57	56	28.0	26	6	✓

Survey Performed By: E. Spira Supervisors Signature: [Signature]

*Write "Yes" or "No". If "Yes", record the result(s) of the follow-up wipe test(s) in this column. The Radiation Safety Officer must be notified immediately if contamination levels of 1000 DPM or more are found.



MOVABLE RADIOACTIVITY MONITORING SURVEY

(4)

BSE Site: Philadelphia Section: R1A
 Supervisor: Joe Camoratto Date Performed: 3/26/85
 Surveyed Isotope: I125
 Radiation Counter Used: Counter #1 Location: Counter Room
 Counter Efficiency: 95 % as of 3/26/85
for
retest area
 Upper Background Cutoff: 100 DPM

(1) Area No.	(2) Gross Counts Per Two Minutes	(3) Gross Counts Per Minute	(4) Gross DPM's	(5) Net DPM Removable Radioactivity/100cm ²	(6) Decontamination Required?*
#58	58	29.0	27	7	no
59	77	38.5	36	6	
60	75	37.5	35	15	
61	53	26.5	25	5	
62	55	27.5	26	6	
63	41	20.5	19	-1	
64	52	26.0	24	4	
65	53	26.5	25	5	
66	52	26.0	24	4	↓
Retest after peak of area					
Bkg	37	18.5	18		
Sum	420390	210195	199685	199667	
Control	53	26.5	25	7	no
#3	59	29.5	28	10	
20	59	29.5	28	10	
32	46	23.0	22	4	
38	76	38.0	36	18	↓

Survey Performed By: E. Spina Supervisors Signature: Joe Camoratto

*Write "Yes" or "No". If "Yes", record the result(s) of the follow-up wipe test(s) in this column. The Radiation Safety Officer must be notified immediately if contamination levels 1000 DPM or more are found.

1/15/81



Initial Test of All Areas

3/26/85

212	200	43-
213	200	419532-
214	200	65-
215	200	65-
216	200	47-
217	200	102-
218	200	52
219	200	83
220	200	43
221	200	55
222	200	54
223	200	65
224	200	45
225	200	50
226	200	55
227	200	60
228	200	57
229	200	78
230	200	59
231	200	<u>60</u>
232	200	70
233	200	55
234	200	195
235	200	59
236	200	46
237	200	59
238	200	52
239	200	46
240	200	43
241	200	53
242	200	65
243	200	52
244	200	49
245	200	61
246	200	218
247	200	62
248	200	56
249	200	42
250	200	51
251	200	<u>61</u>
252	200	140
253	200	58
254	200	56
255	200	61
256	200	62
257	200	43
258	200	57
259	200	54
260	200	46
261	200	45
262	200	54
263	200	62
264	200	37
265	200	49
266	200	49
267	200	49
268	200	53
269	200	63
270	200	46
271	200	<u>56</u>

272	200	58
273	200	77
274	200	75
275	200	53
276	200	55
277	200	41
278	200	52
279	200	53
280	200	52

Retest of areas after wash.

3/26/85

69	200	37
70	200	420390
71	200	53
72	200	59
73	200	59
74	200	46
75	200	76

TELEPHONE OR VERBAL CONVERSATION RECORD

3/18/85

TIME

3:10

8 AM
8 PM

☐ INCOMING CALL

☒ OUTGOING CALL

☐ VISIT

PERSON CALLING

Judith H. Souster

OFFICE/ADDRESS

Region I

PHONE NUMBER

EXTENSION

PERSON CALLED

Joe Camoratto

OFFICE/ADDRESS

American B.C. - Science Labs

PHONE NUMBER

EXTENSION

215
561-6900

SUBJECT

CONVERSATION

need additional information

SUMMARY

Mr. Camoratto states they wish to terminate
license # 37-09314-02, a close out survey will
be performed, and information on the disposal
of materials will be sent

Decontamination Guidelines will be sent to
Mr. Camoratto

ML10

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REFERRED TO:

ACTION REQUESTED

☐ ADVISE ME OF
ACTION TAKEN.

INITIALS

DATE

ACTION TAKEN

INITIALS

DATE

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

No Fee
Needed - Termination

A. REGION

1. APPLICATION ATTACHED

Applicant/Licensee: Smith Kline Bio-Science Laboratories

Application Dated: 3/7/85

Control No.: 03518

License No.: 37-09314-02

2. FEE ATTACHED

Amount: 0

Check No.: 0

3. COMMENTS

Signed Brenda Platchek

Date 3/13/85

B. LICENSE FEE MANAGEMENT BRANCH

1. Fee Category and Amount:

Termination - no fee due

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

Amendment ✓

Renewal

License

Signed

Frances Brown

Date

3/18/85