

MATERIALS LICENSE  
SUPPLEMENTARY SHEET

License Number

22-20069-01

Docket or Reference Number

030-17925

Amendment No. 05

SmithKline Beecham Clinical  
Laboratories  
Interstate Corporate Center  
600 West County Road D  
New Brighton, MN 55112

In accordance with NRC Form 314 "Certificate of Disposition" dated October 16, 1996,  
License Number 22-20069-01 is hereby terminated.

TERMINATED

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date 11/1/96

By Kevin G. Hall  
Nuclear Materials Licensing Branch, Region III

270098

9611290005 961101  
PDR ADOCK 03017925  
C PDR

COPY

di ml  
230  
50

BETWEEN:

LICENSE FEE MANAGEMENT BRANCH, ARM  
AND  
REGIONAL LICENSING SECTIONS

(FOR LFMS USE)  
INFORMATION FROM LTS

PROGRAM CODE: 02410  
STATUS CODE: 0  
FEE CATEGORY: 3P  
EXP. DATE: 20010731  
FEE COMMENTS:  
DECOM FIN ASSUR RECD? N

57

LICENSE FEE TRANSMITTAL

A. REGION

1. APPLICATION ATTACHED  
APPLICANT/LICENSEE: SMITHKLINE BEECHAM CLINICAL LABS.  
RECEIVED DATE: 960807  
DOCKET NO: 3017925  
CONTROL NO.: 301704  
LICENSE NO.: 22-20069-01  
ACTION TYPE: TERMINATION

2. FEE ATTACHED  
AMOUNT:             
CHECK NO.:           

3. COMMENTS

SIGNED  
DATE

B. LICENSE FEE MANAGEMENT BRANCH (CHECK WHEN MILESTONE 03 IS ENTERED ☒)

1. FEE CATEGORY AND AMOUNT: **FEE EXEMPT**  
2. CORRECT FEE PAID. APPLICATION MAY BE PROCESSED FOR:  
AMENDMENT  
RENEWAL  
LICENSE

3. OTHER

SIGNED  
DATE

AUG 26 1996

Log	Aug 7 10
Remitter	
Check No.	
Amount	
Fee Category	3P
Type of Fee	ARM
Date Check Rec'd	
Date Completed	8/23/96
By:	SC

1996 AUG 15 PM 3:30



**SmithKline Beecham**  
Clinical Laboratories

July 29, 1996

Ms. P.J. Pelke  
United States Nuclear Regulatory Commission  
Region III  
801 Warrenville Road  
Lysle, IL 60532-4351

Dear Ms. Pelke,

Please be advised that SBCL-MSP, Peter B. Mockridge, Ph.D., Radiation Safety Officer, License Number 22-20069-01, will discontinue purchase and use of by-product isotopes by July 27, 1996.

Please send all documents necessary for the "de-commissioning" of this license and facility to my attention.

Thank you.

Peter B. Mockridge, Ph.D.  
Operations Manager

pbm190.doc/m

cc: Mary E. Beech  
Joseph L. Esker, MN Pollution Control Agency

*Termination*  
**FEE EXEMPT**

*Pm 7/30/96*

**RECEIVED**

**AUG 07 1996**

**REGION III**

**AUG 07 1996**

NOV 04 1996

Peter B. Mockridge, Ph.D.  
Radiation Safety Officer  
SmithKline Beecham Clinical  
Laboratories  
Interstate Corporate Center  
Suite 11  
600 West County Road D  
New Brighton, MN 55112

Dear Dr. Mockridge:

Enclosed is Amendment No. 05 which terminates your NRC License Number 22-20069-01 in accordance with your request.

If you have any questions or require clarification on any of the information stated above, you may contact us at (630) 829-9887.

Sincerely,

Original Signed By  
W. P. Reichhold  
Nuclear Materials Licensing Branch

License No.: 22-20069-01  
Docket No.: 030-17925

Enclosure: Amendment No. 05

DOCUMENT NAME: M:\03017925.TR6

To receive a copy of this document, indicate in the box: "C" = Copy without attachment/enclosure "E" = Copy with attachment/enclosure "N" = No copy

OFFICE	DNMS/RIII <i>MR</i>								
NAME	WREICHHOLD:jaw	<i>Nure</i>							
DATE	10/5/96								

OFFICIAL RECORD COPY

301704



**SB**  
**SmithKline Beecham**  
Clinical Laboratories

October 15, 1996

Bill Reichhold  
Mail Control 301704  
United States Nuclear Regulatory Commission  
Region 3  
801 Warrenville Road  
Lisle, Illinois 60532-4351

Dear Mr. Reichhold,

Enclosed is the additional information that you requested to complete your review for termination of our materials license.

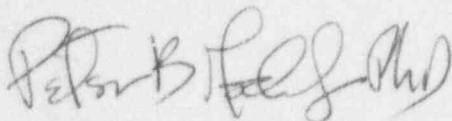
Attachment A - Certificate of Disposition of Materials (NRC Form 314)

Attachment B - Results of close-out survey

1. exposure rate measurements,
2. contamination checks of areas where RIA materials were used or stored
3. history of all radionuclides used at facility
4. copy of leak test results of sealed sources
5. diagram of facility with exposure rate levels and wipe tests
6. records of waste disposal by release to sewers

Please contact me at 612-635-1500 if you need further information.

Sincerely,



Peter B. Mockridge, Ph.D.  
Radiation Safety Officer

Attachments

Pm: 10-16-96

RECEIVED  
OCT 21 1996  
REGION III

OCT 21 1996

NRC FORM 314

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB: NO. 3150-0028

EXPIRES: 06/30/98

(6-95)

10 CFR 30.36(c)(1)(iv)

10 CFR 40.42(c)(1)(iv)

10 CFR 70.38(c)(1)(iv)

**CERTIFICATE OF DISPOSITION OF MATERIALS**

INSTRUCTIONS: ALL ITEMS MUST BE COMPLETED -- PRINT OR TYPE  
SEND THE COMPLETED CERTIFICATE TO THE NRC OFFICE SPECIFIED ON THE REVERSE

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS MANDATORY INFORMATION COLLECTION REQUEST: 30 MINUTES. THIS SUBMITTAL IS USED BY NRC AS PART OF THE BASIS FOR ITS DETERMINATION THAT THE FACILITY HAS BEEN CLEARED OF RADIOACTIVE MATERIAL BEFORE THE FACILITY IS RELEASED FOR UNRESTRICTED USE. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE INFORMATION AND RECORDS MANAGEMENT BRANCH (T-6 F33), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555-0001, AND TO THE PAPERWORK REDUCTION PROJECT (3150-0028), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503. AN AGENCY MAY NOT CONDUCT OR SPONSOR, AND A PERSON IS NOT REQUIRED TO RESPOND TO, A COLLECTION OF INFORMATION UNLESS IT DISPLAYS A CURRENTLY VALID OMB CONTROL NUMBER.

LICENSEE NAME AND ADDRESS

SmithKline Beecham Clinical Laboratories  
InterState Corporate Centre  
600 West County Road D  
New Brighton, MN 55112

LICENSE NUMBER

22-20069-01

LICENSE EXPIRATION DATE

7-31-96

**A. MATERIALS DATA** (Check one and complete as necessary)

THE LICENSEE OR ANY INDIVIDUAL EXECUTING THIS CERTIFICATE ON BEHALF OF THE LICENSEE CERTIFIES THAT:  
(Check and/or complete the appropriate item(s) below.)

- ☐ 1. NO MATERIALS HAVE EVER BEEN PROCURED OR POSSESSED BY THE LICENSEE UNDER THIS LICENSE.  
OR  
☒ 2. ALL ACTIVITIES AUTHORIZED BY THE LICENSE HAVE CEASED AND ALL MATERIALS PROCURED AND/OR POSSESSED BY THE LICENSE NUMBER CITED ABOVE HAVE BEEN DISPOSED OF IN THE FOLLOWING MANNER. (If additional space is needed, use the reverse side or provide attachments.)

Describe specific material transfer actions and, if there were radioactive wastes generated in terminating this license, the disposal actions including the disposition of low-level radioactive waste, mixed waste, Greater-than-Class-C waste, and sealed sources, if applicable.

The two 129I sources were transferred to SB Pharmaceuticals, as noted below.

For transfers, specify the date of the transfer, the name of the license recipient, and the recipient's NRC license number or Agreement State name and license number.

Date: 31 Oct. 1996

SmithKline Beecham Pharmaceuticals Research & Development  
NRC: 37-00282-04 Exp. 1/31/98

If materials were disposed of directly by the licensee rather than transferred to another licensee, licensed disposal site or waste contractor, describe the specific disposal procedures (e.g., decay in storage)

In accord with applicable regulations, all other isotopes were disposed by sewerage.

**B. OTHER DATA**

- ☐ 1. OUR LICENSE HAS NOT YET EXPIRED; PLEASE TERMINATE IT.
2. A RADIATION SURVEY WAS CONDUCTED BY THE LICENSEE TO CONFIRM THE ABSENCE OF LICENSED RADIOACTIVE MATERIALS AND TO DETERMINE WHETHER ANY CONTAMINATION REMAINS ON THE PREMISES COVERED BY THE LICENSE. (Check one)
- ☐ NO (Attach explanation)
- ☒ YES, THE RESULTS (Check one)
- ☒ ARE ATTACHED, or (see memo for attachments)
- ☒ WERE FORWARDED TO NRC ON (Date) 10-15-96

3. THE PERSON TO BE CONTACTED  
REGARDING THE INFORMATION  
PROVIDED ON THIS FORM

NAME

Peter B. Mockridge, Ph.D.

TELEPHONE NUMBER

(Include Area Code)

(612)635-1500

4. MAIL ALL FUTURE CORRESPONDENCE REGARDING THIS LICENSE TO

Peter B. Mockridge, Ph.D.

SmithKline Beecham Clinical Laboratories

600 West County Road D, Suite 11

New Brighton, MN 55112

**RECEIVED****OCT 21 1996****CERTIFYING OFFICIAL****REGION III**

I CERTIFY UNDER PENALTY OF PERJURY THAT THE FOREGOING IS TRUE AND CORRECT

PRINTED NAME AND TITLE

SIGNATURE

DATE

Peter B. Mockridge, Ops. Mgr.

PB Mockridge

10/16/96

WARNING: FALSE STATEMENTS IN THIS CERTIFICATE MAY BE SUBJECT TO CIVIL AND/OR CRIMINAL PENALTIES. NRC REGULATIONS REQUIRE THAT SUBMISSIONS TO THE NRC BE COMPLETE AND ACCURATE IN ALL MATERIAL RESPECTS. 18 U.S.C. SECTION 1001 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTIONS.

FILE CERTIFICATES AS FOLLOWS:

IF YOU ARE A DISTRIBUTOR OF EXEMPT PRODUCTS, SEND TO:

DIVISION OF INDUSTRIAL AND MEDICAL NUCLEAR SAFETY  
OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS  
U.S. NUCLEAR REGULATORY COMMISSION  
WASHINGTON, DC 20555-0001

ALL OTHERS, IF YOU ARE LOCATED IN:

CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, MAINE,  
MARYLAND, MASSACHUSETTS, NEW HAMPSHIRE, NEW  
JERSEY, NEW YORK, PENNSYLVANIA, RHODE ISLAND, OR  
VERMONT, SEND APPLICATIONS TO:

LICENSING ASSISTANCE SECTION  
NUCLEAR MATERIALS SAFETY BRANCH  
U.S. NUCLEAR REGULATORY COMMISSION, REGION I  
475 ALLENDALE ROAD  
KING OF PRUSSIA, PA. 19406-1415

ALABAMA, FLORIDA, GEORGIA, KENTUCKY, MISSISSIPPI,  
NORTH CAROLINA, PUERTO RICO, SOUTH CAROLINA,  
TENNESSEE, VIRGINIA, VIRGIN ISLANDS, OR WEST VIRGINIA,  
SEND APPLICATIONS TO:

NUCLEAR MATERIALS SAFETY SECTION  
U.S. NUCLEAR REGULATORY COMMISSION, REGION II  
101 MARIETTA STREET NW, SUITE 2900  
ATLANTA, GA 30323-0199

IF YOU ARE LOCATED IN:

ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI,  
OHIO, OR WISCONSIN, SEND APPLICATIONS TO:

MATERIALS LICENSING SECTION  
U.S. NUCLEAR REGULATORY COMMISSION, REGION III  
801 WARRENVILLE ROAD  
LISLE, IL 60532-4361

ALASKA, ARIZONA, ARKANSAS, CALIFORNIA, COLORADO,  
HAWAII, IDAHO, KANSAS, LOUISIANA, MONTANA, NEBRASKA,  
NEVADA, NEW MEXICO, NORTH DAKOTA, OKLAHOMA,  
OREGON, PACIFIC TRUST TERRITORIES, SOUTH DAKOTA,  
TEXAS, UTAH, WASHINGTON, OR WYOMING, SEND  
APPLICATIONS TO:

MATERIAL RADIATION PROTECTION SECTION  
U.S. NUCLEAR REGULATORY COMMISSION, REGION IV  
811 RYAN PLAZA DRIVE, SUITE 400  
ARLINGTON, TX 76011-8064

RECEIVED

OCT 5 1988

REGION III

Attachment R #5

Attachment B #1  
Attachment B #2

B<sub>12</sub> / FOLATE  
SET UP AREA

1

2

SURFACE WIPE TEST MAP

REFRIGERATOR

3 4

EXEC WASH

5 6

HOOD

9

8

10

11

12

13

14

16

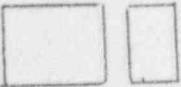
T3/T4  
SET UP AREA

15

GENESYS

7

COMPUTER





SURFACE WIPE TEST MAP

1. B12/ FOLATE SET UP AREA
2. FLOOR AT B12/ FOLATE SET UP AREA
3. B12/ FOLATE OR T3/T4 REAGENT TRAY IN REFRIDGERATOR
4. SHELF OR B12, T3/T4 REAGENT STORAGE BUCKET
5. FLOOR AROUND EXEC WASH WASTE BUCKET
6. EXEC WASH - TABLE TOP AND/OR MACHINE
7. GENESYS
8. RADIOACTIVE WASTE STORAGE CUPBOARD
9. HOOD AREA - FRYPANS, COUNTERTOP
10. RADIOACTIVE WASTE BUCKET
11. WASHED TUBE GARBAGE BUCKET
12. FLOOR AROUND GARBAGE BUCKETS
13. DISH DRAINER - WHERE DIRTY TRAYS AND TUBES ARE PUT TO BE  
WASHED
14. SINKS - ALTERNATE BETWEEN THE TWO
15. T3/T4 SET UP AREA
16. FLOOR AT T3/T4 SET UP AREA
17. BACKGROUND

WIPE TEST RECORDED 1996

ACCEPTABLE LIMITS: < 175 CPM

DATE	INITIALS	COMMENTS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	Bkg
4/13	AS	6456			0	0	38	7	0	2	NO LONGER USED FOR RIA									
4/27	AS				0	2	28	3	0	0										
5/4	AS	6596			0	1	13	3	0	0										
5/11	AS				0	0	9	2	0	2										
6/8	AS	6594			0	0	6	2	0	0		2	0	2	18	23	7	0	0	0
6/22	AS				0	0	5	1	0	0		1	0	1	12	38	11	0	0	0
6/29	AS				0	0	3	0	0	0		1	0	0	9	26	9	0	0	0
7/13	AS	6594			0	0	3	0	0	0		1	0	0	15	15	3	1	0	0
7/20	AS				0	0	2	1	0	0		0	2	1	15	21	2	1	0	0
9/24	AS				1	0	0	8	1	0		2	2	2	10	14	2	1	0	0
							0					2	2	2	2	12	10	3	0	0

SBCL-MSP  
Chemistry

SURFACE WIPE TESTS

The areas in RIA to be monitored weekly for radioactive contamination are:

Bench top working surfaces where tests are performed.  
Hood area where B12/FOLATES are boiled and cooled.  
Waste containers.  
Floor surfaces around waste containers.  
Sink where liquid radioactive waste is disposed.  
Surface of gamma counter.  
Trays used to hold radioactive materials.  
Refrigerators used to store radioactive materials.  
Solid waste storage area.

Frequency:

Surface wipe tests must be performed at least once per week. When spills occur, the area should be surveyed immediately after cleanup to ensure proper decontamination.

Procedure:

1. Number 16 polystyrene tubes, plus one for background count.
2. Refer to the map of the RIA area for locations to test.
3. Using a 1 inch square alcohol swab, wipe each area approximately 1 x 16 inches (100 square centimeters).
4. Place each swab in its corresponding tube and push it to the bottom with an applicator stick.
5. In the background tube, place a clean alcohol swab and push it to the bottom of the tube with an applicator stick.
6. Place all tubes in the gamma counter and count I125 for 10 minutes.
7. Subtract the background count from each count and record the cpm in the appropriate location in the wipe test log.
8. Circle any result in excess of 175 cpm and initiate cleanup procedures.
9. Retest the area after cleanup and enter new acceptable value in the same log location.

## Notice

### Licensing and Labeling Information

"Radioactive Material - Not for Human Use - Introduction Into Food, Beverages, Cosmetics, Drugs or Medicinals, or Into Products Manufactured for Commercial Distribution is Prohibited. Exempt quantities should not be combined."

The user instructions with this product are very specific for nuclear detection equipment quality control purposes. It is therefore reasonable to believe the user has been trained in radiation safety precautions or is operating under the supervision of a person with such training.

### RADIOACTIVE REFERENCE SOURCE TEST REPORT

Description: I-125 gamma source trapped in resin, dried and sealed in a 12x75mm test tube.

Nominal activity: approximately 0.125 uCi

Date of wipe test: 3/28/96

Wipe test method: one source from each set is wiped externally with a tissue moistened with alcohol. The tissue is then counted in a NaI(tl) well-type detector and the results enclosed.  
Acceptable limit of surface contamination; 0.005uCi.

Lot number:

I9604PB  
4/23/96



# GAMMA COUNTER QUALITY CONTROL LOG

LABORATORY TECHNOLOGIES, INC. 125I  
 MULTI-CALIBRATORS MULTILOG LOT: I9604PB  
 COUNT FOR 1.6 MINUTES

EXPIRES: 20 OCT 96

	MON	TUE	WED	THU	FRI	SAT	SUN
DATE DPM	29JUL96 101849	30JUL96 100568 <i>100663</i>	31JUL96 99502	1AUG96 98349	2AUG96 97209	3AUG96 96082	4AUG96 94969
ENTER HI CAL CPM & WELL #		<i>82.94 #12</i>					
ENTER LO CAL CPM & WELL #		<i>81.38 #20</i>					
CALC HI-LO DIFF		<i>82.04</i>					
CALC % DIFF (DIFF/LO CAL)		<i>1.91</i>					
CALC % EFF (LO/DPM*100)		<i>dmr</i>					
ENTER HI BG CPM & WELL #		<i>35</i>					
ENTER LO BG CPM & WELL #		<i>14</i>					
CALC HI/LO BG RATIO		<i>2.50</i>					
	MON	TUE	WED	THU	FRI	SAT	SUN
DATE DPM	5AUG96 93868	6AUG96 92780	7AUG96 91705	8AUG96 90642	9AUG96 89591	10AUG96 88553	11AUG96 87527
ENTER HI CAL CPM & WELL #							
ENTER LO CAL CPM & WELL #							
CALC HI-LO DIFF							
CALC % DIFF (DIFF/LO CAL)							
CALC % EFF (LO/DPM*100)							
ENTER HI BG CPM & WELL #							
ENTER LO BG CPM & WELL #							
CALC HI/LO BG RATIO							



# GAMMA COUNTER QUALITY CONTROL LOG

LABORATORY TECHNOLOGIES, INC. 125I  
 MULTI-CALIBRATORS MULTIOLOG LOT: I9604PB  
 COUNT FOR 1.4 MINUTES

EXPIRES: 20 OCT 96

	MON	TUE	WED	THU	FRI	SAT	SUN
DATE	15JUL96	16JUL96	17JUL96	18JUL96	19JUL96	20JUL96	21JUL96
DPM	119904	118515	117141	115783	114441	113115	111804
		117,148	115,788	115,788	113,128	111,639	
ENTER HI/CAL CPM & WELL #		83.26 #9	83.43 #5	83.43 #5	83.58 #22	83.39 #6	
ENTER LO/CAL CPM & WELL #		82.17 #14	82.09 #11	82.09 #11	82.39 #9	81.37 #20	
775 <del>LO</del> CALC HI-LO DIFF		82.77	82.84	82.84	82.95	82.71	
5 <del>Spread</del> CALC % DIFF (DIFF/LO CAL)		1.32	1.61	1.61	1.44	2.44	
<del>Initial</del> CALC % EFF (LO/DPM*100)		655	655	653	653	65	
ENTER HI BG CPM & WELL #		39	30	30	36	34	
ENTER LO BG CPM & WELL #		17	14	14	14	12	
5 CALC HI/LO BG RATIO		2.254	2.143	2.143	2.571	2.833	
	MON	TUE	WED	THU	FRI	SAT	SUN
DATE	22JUL96	23JUL96	24JUL96	25JUL96	26JUL96	27JUL96	28JUL96
DPM	110508	109228	107948	106710	105474	104251	103043
		107935	107948	106710	105386	104091	
ENTER HI/CAL CPM & WELL #		83.69 #12	82.39 #5	82.61 #10	82.58 #6	82.34 #5	
ENTER LO/CAL CPM & WELL #		82.55 #24	81.21 #9	81.39 #9	81.76 #10	81.59 #19	
775 <del>LO</del> CALC HI-LO DIFF		82.58	81.86	82.01	82.11	82.00	
5 <del>Spread</del> CALC % DIFF (DIFF/LO CAL)		1.74	1.44	1.49	1.00	0.92	
<del>Initial</del> CALC % EFF (LO/DPM*100)		655	655	653	653	65	
ENTER HI BG CPM & WELL #		33	33	30	40	33	
ENTER LO BG CPM & WELL #		12	15	14	11	14	
5 CALC HI/LO BG RATIO		2.750	2.200	2.143	3.636	2.357	



**SmithKline Beecham**  
*Clinical Laboratories*

**ATTACHMENT B #3**

$^{57}\text{Co}$

$^{125}\text{I}$

SBCL-MSP has used only  $^{125}\text{I}$  and  $^{57}\text{Co}$  for the past 10 years. These products were used exclusively for in vitro diagnostic testing. All waste was sewerer, in accord with applicable regulations. Sealed sources ( $^{129}\text{I}$  and  $^{133}\text{Ba}$ ) have been transferred or disposed of as indicated on Attachment A.

M:/qa57.doc/10-15-96

Combined Sources Less than .05  $\mu$ R/h 7/27/96

ASSAY ID: CPM 125-I

ASSAY EDITED BY:

ON: JUN 23 96

USER ID: LTI

DATE: JUL 23 96

TIME RUN: 05:07 AM

COUNT TIME: 1.00 MIN

DISPLAY CURVE: NO

EDIT CURVE: NO

STORE CURVE: NO

EDIT LOT ID: NO

LOT ID:

SOURCE OF DATA: COUNT TRAY

DESTINATION OF RESULTS: PRINTER

USE STORED CURVE: NO

FIRST CURVE:

SECOND CURVE:

USE TEMPLATE: NO

AUTO REPLACE OUTLIERS: NO

UPDATE TEMPLATE: NO

TERMINATE ON QC CRASH: NO

PLOT L-J QC CHARTS: NO

UPDATE QC LOG: NO

FIRST PROTOCOL ID: CPM 125-I ISOTOPE: 125-I

PROTOCOL EDITED BY:

ON: AUG 08 91

UNITS:

TUBE LOADING ORDER

TUBE REPLICATIONS DOSE  
UNK 1

TEMPLATE RESPONSE LOWER LIMIT UPPER LIMIT NAME

RESPONSE VARIABLE \*S CPM

TUBE TYPE	TUBE #	TRAY POS	CPM	%CV	RESPONSE	AVG RESPONSE	DOSE	AVG RESULTS	COMMENTS
UN0001	1	101	13889		13889.1			13889.1	SIM. I-125
UN0002	2	102	763		763.409			763.409	BA-122 0.5 $\mu$ Ci
UN0003	3	103	54811		54811.0			54811.0	Mock I 125

TCN  
Abbott  
?

## WATER USAGE RECORD

Attachment B #6

Date	Water meter reading (per month)	Average use per mo. (ml)	MO. #	uCi received ml water	OK ?	Tech.
1991	141250	53503X10 <sup>4</sup>	1	0.31X10 <sup>-5</sup>	✓OK	Gr
20038			2			
1670			3			
1992	141250	53503X10 <sup>4</sup>	4	0.39X10 <sup>-5</sup>	✓OK	Gr
25377			5			
2115			6			
1993			7	7924/3		
Jan thru	313,110/3		8	2641 mci/mo		
March	104,333/mo	39520X10 <sup>4</sup>	9	0.166X10 <sup>-5</sup>	✓OK	Gr
April thru	101,832/mo	38572X10 <sup>4</sup>	10	4658/3		
June			11	1553/mo		
			12	0.402X10 <sup>-5</sup>	✓OK	Gr
July thru	99,200/mo	37575X10 <sup>4</sup>	1	3964/3 =		
Sept			2	1321/mo		
			3	0.3515X10 <sup>-5</sup>	✓OK	Gr
Oct thru	85,033/mo	32728X10 <sup>4</sup>	4	4272/3 = 1424		
Dec			5	0.4351X10 <sup>-5</sup>	✓OK	Gr
			6			
1994 Jan thru	<del>88,107</del>		7	4784/3 = 1595		
March	131,322	49743X10 <sup>4</sup>	8	0.3205X10 <sup>-5</sup>	✓OK	Gr
			9			
April thru	<del>118,822</del>		10			
June	131,322	49743X10 <sup>4</sup>	11	4144/3 = 1381	✓OK	Gr
			12	0.2777X10 <sup>-5</sup>		

Total uCi

mci/mo

Total mci

mci/mo

1994







# WATER USAGE RECORD

1984 Date	Water meter reading (per month)	Average use per mo. (ml)	MO. #	uCi received ml water	OK ?	Tech.
July 4 <sup>th</sup>	131,322	$49748 \times 10^4$	1	$\frac{3125}{3} = 1041$	✓ OK	OK
Sept			2	$0.2094 \times 10^5$		
			3			
2-8-96	126,053	$47747 \times 10^4$	4	$\frac{12610}{15} = 840$		
			5	$0.1759 \times 10^5$	✓ OK	OK
			6			
9-4-96	123,700	$46856 \times 10^4$	7	$\frac{1920}{7} = 274$		
			8	$0.0584 \times 10^5$	✓ OK	OK
			9			
			10			
			11			
			12			
			1			
			2			
			3			
			4			
			5			
			6			
			7			
			8			
			9			
			10			
			11			
			12			

Final RIA  
Testing 7/25/96

OK