



September 26, 1996

United States Nuclear Regulatory Commission
Washington, D.C. 20555

Attn. Document Control Desk

Subject: **REPLY TO NOTICE OF VIOLATION LICENSE NUMBER: 34-24887-01**

This is a response to the notice received at Trionix Research Laboratory, Inc, 8037 Bavaria Rd, Twinsburg, Oh 44087, dated August 28, 1996, and received on August 30, 1996. The letter referred to the inspection of our facility on July 26, 1996, by the NRC, and the follow up telephone conversation on August 08, 1996. (see attachment 1).

Pursuant to your request, the following contains our response and plans of action to the two (2) violations as listed on the Notice of violation form.

Violation 1A

Reason for Violation

The personnel listed on the nuclear license form, designated as responsible for the handling of radioisotopes have recently left Trionix.

Corrective Steps Taken

A new Officer was assigned to carry out the task of Nuclear Radiation Safety on August 9, 1996. He is responsible for continuation of the Radiation Safety program from this point on.

Steps taken to avoid further Violations

The corrective steps taken to prevent further violations, and to allow Trionix Research Laboratory, Inc to remain in compliance with federal regulations are as follows.

- 1.) An annual calendar has been generated, containing the maintenance schedule of the radiation safety program. The schedule includes training classes, radioisotope calibrator calibration, survey meter calibration, sources inventory, leakage tests, quarterly reviews, and any other such tests or training required by the NRC.
- 2.) A notice has been generated; this notice is posted in the hot lab and production areas, containing a brief summary of the jobs needing to be done with regards to nuclear safety regulations.
- 3.) Review all procedures in Radiation Safety Manual kept in the hot lab.
- 4.) There will be a quarterly review conducted by the Radiation Safety Committee. Part of this review would be to check that all required radiation safety tasks for the quarter have been completed and documented.

We anticipate the implementation of the above steps will prevent the repetition of violation 1a (the above also apply to violation 1c. See 1c for further information.)

9609300073 960926
PDR ADOCK 03029809
C PDR

TRIONIX RESEARCH LABORATORY, INC.

8037 Bavaria Road • Twinsburg, Ohio • 44087 • Telephone: 216-425-9055 • FAX: 216-425-9063

IE07/1

Subject: REPLY TO NOTICE OF VIOLATION LICENSE NUMBER: 34-24887-01

Date of full Compliance

A quarterly review is scheduled for the week of September 23, 1996. The first meeting was held today September 25, 1996. The March 10, 1987 application, item 10 (Radiation Program) is being used as a guide for this quarterly review.

VIOLATION 1B

Reason for Violation

The personnel listed on the nuclear license form, designated as responsible for the handling of radio-isotopes have recently left Trionix.

Corrective steps Taken

Two extremity monitoring finger badges were ordered from Landauer on Aug 8, 1996. The badges were received, and placed into immediate use upon arrival on Aug 10, 1996 (see attachment 2).

Steps Taken to avoid further Violations

This corrective measure will continue to be followed to avoid further violations in this aspect of nuclear safety. Any employee handling an isotope is required to utilize the extremity monitoring finger badges.

Date of full Compliance

The first two extremity monitoring finger badges were received at Trionix Research Laboratory on August 10, 1996 (see attachment 3). These badges will continue to be utilized, and exchanged for new badges with Landauer on a monthly basis, per regulations.

VIOLATION 1C

Reason for Violation

The personnel listed on the nuclear license form, designated as responsible for the handling of radio-isotopes have recently left Trionix. Because of Personnel changes this was overlooked.

Corrective steps Taken

The Victoreen Survey Meter, Model 290, was recalibrated on July 29, 1996 by Victoreen, Inc. (see attachment 4).

Steps Taken to avoid further Violations

The formation and distribution of the yearly calendar (as noted in Violation 1a, Steps Taken to avoid further Violation, section 1) will include the calibration dates for the Victoreen survey Meter. The calibration of the meter will also be included in the quarterly review (as noted in Violation 1a, Steps Taken to avoid further Violation section 4) to insure it is not bypassed by the nuclear radiation safety officer.

Date of Full Compliance

The Victoreen Survey Meter, Model 290, was recalibrated on July 29, 1996 (see attachment 4).

VIOLATION 2

Reason for Violation

The former employee responsible for ordering the Gadolinium source did not realize Gadolinium requires an NRC license. He did however, obtain a state license for the usage of the source. In addition, Isotope Products sent the Gadolinium (Gd-153) sources without verifying our possession of an NRC license.

Subject: REPLY TO NOTICE OF VIOLATION LICENSE NUMBER: 34-24887-01

Corrective Steps Taken

On August 16, 1996, Toye L. Simmons (NRC inspector), telephoned and notified Trionix Research Laboratory to take the Gadolinium (Gd-53) off the production floor and place these specific sources into the isotope radiation lead vault until such time as Trionix receives an amendment allowing the use of Gadolinium. This request was immediately complied with, and such compliance will continue until such time as the amendment to license is granted.

Steps Taken to Avoid further Violations

With the assignment of the new Radiation Safety Officer, this violation will not occur again. The Radiation Safety Officer will maintain control of all sources arriving at the facility. It is the responsibility of the Radiation Safety Officer to ensure that any and all sources/isotopes utilized by Trionix are properly licensed by both federal and state regulatory commissions. The quarterly review includes a check of the sources and licensure to ensure compliance with all regulations.

Date of full Compliance

On August 14, 1996 Trionix applied for an amendment to our NRC license control number 301728. Trionix is not now using, nor intends to utilize, any of the Gadolinium sources (Gd-153) until such time as the amendment to the license by the United States Nuclear Regulatory Commission is granted. (Ref: Violation 2, part 2).

I believe that this response letter should answer all violations completely, however, if you have any further questions please do not hesitate to contact me via telephone at your earliest convenience. I will be looking forward to your reply.

Sincerely,



Chun Bin Lim Ph.D.
President and CEO,

copy to: Regional Administrator
 Region 111
 801 Warrenville Rd.
 Lisle, IL 60532-4351

enc. (4)

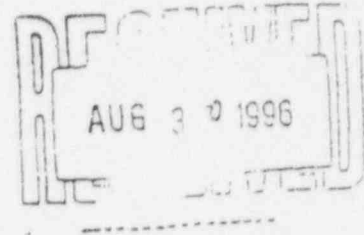
1. NRC inspection and notice of violation.
2. Purchase order, Landauer, for extremity monitoring finger badges.
3. Proof of receipt of Landauer extremity monitoring finger badges.
4. Report on Victoreen Survey Meter Calibration.
5. Calendar.



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION III
801 WARRENVILLE ROAD
LISLE, ILLINOIS 60532-4351

Attachment 1
Page 1 of 3

August 28, 1996



Chun B. Lim, Ph.D., President
Trionix Research Laboratory
8037 Bavaria Road
Twinsburg, OH 44087

SUBJECT: NRC INSPECTION AND NOTICE OF VIOLATION

Dear Dr. Lim:

This refers to the inspection conducted on July 26, 1996 at Trionix Research Laboratory in Twinsburg, Ohio. The purpose of the inspection was to determine whether activities authorized by the license were conducted safely and in accordance with NRC requirements. At the conclusion of the inspection, the findings were discussed with Messrs. Koval and Rappoport. This also refers to our discussion of the inspection findings by telephone on August 8, 1996.

The inspection was an examination of activities conducted under your license as they relate to radiation safety and to compliance with the Commission's rules and regulations and with the conditions of your license. Within these areas, the inspection consisted of selective examinations of procedures and representative records, interviews with personnel, independent measurements and observation of activities in progress.

Based on the results of this inspection, the NRC has determined that violations of NRC requirements occurred. These violations are cited in the enclosed Notice of Violation (Notice). A written response is required. Violations No. 1 and 3 are repeat items. In your response to these violations, please describe why your proposed corrective action is expected to be more successful in preventing future or similar violations than the corrective action specified in your April 19, 1991 response.

In accordance with 10 CFR 2.790 of the NRC's "Rules of Practice," a copy of this letter, the enclosure, and your response to this letter will be placed in the NRC Public Document Room (PDR). To the extent possible, your response should not include any personal privacy, proprietary, or safeguards information so that it can be placed in the PDR without redaction.

Sincerely,

Cynthia D. Pederson, Director
Division of Nuclear Materials Safety

~~9609050078 * 17~~
License No.: 34-24887-01
Docket No.: 030-29809

Enclosure: Notice of Violation

NOTICE OF VIOLATION

Trionix Research Laboratory
Twinsburg, Ohio

License No. 34-24887-01
Docket No. 030-29809

During an NRC inspection conducted on July 26, 1996, violations of NRC requirements were identified. In accordance with the "General Statement of Policy and Procedure for NRC Enforcement Actions," NUREG-1600, the violations are listed below:

1. Condition 13 of License No. 34-24887-01 states, in part, that the licensee shall conduct its program in accordance with statements, representations, and procedures contained in applications dated March 10, 1987 and April 25, 1992 and letters dated March 18, 1987 and April 19, 1991:

- a. The referenced applications and letters require audits of the radiation safety program to be performed quarterly.

Contrary to the above, as of January 1995, audits of the radiation safety program have not been performed quarterly.

This is a Severity Level IV violation (Supplement VI).

- b. Item 3 of the referenced letter dated March 18, 1987, entitled "Personnel Monitoring," requires that each user who handles phantom preparation by injecting Tc-99m into it, will use an extremity monitoring device (finger badge).

Contrary to the above, extremity monitoring devices have not been used by persons handling phantom preparation since at least 1992.

This is a Severity Level IV violation (Supplement VI).

- c. Item 5 of the referenced letter dated March 18, 1987, entitled "Calibration" requires that survey meters be calibrated annually.

Contrary to the above, as of July 26, 1996, the licensee's only survey meter, a Victoreen Model 290, had not been calibrated since 1994.

This is a Severity Level IV violation (Supplement VI).

2. Subitems 6, 7, and 8 of License No. 34-24887-01 specify the type, form and quantity of radioactive material that the licensee may possess.

Contrary to the above, since November 1995, the licensee has possessed radioactive material other than that specified by Subitems 6, 7 and 8. Specifically, the licensee possesses two nominal 300 millicurie gadolinium-153 line sources which are not authorized by the license.

~~9609050078 A 277~~

Notice of Violation

2

This is a Severity Level IV violation (Supplement VII).

Pursuant to the provisions of 10 CFR 2.201, Trionix Research Laboratory, Twinsburg, Ohio is hereby required to submit a written statement or explanation to the U.S. Nuclear Regulatory Commission, ATTN: Document Control Desk, Washington, D.C. 20555, with a copy to the Regional Administrator, Region III, 801 Warrenville Road, Lisle, Illinois 60532-4351 within 30 days of the date of the letter transmitting this Notice of Violation (Notice). This reply should be clearly marked as a "Reply to a Notice of Violation" and should include for each violation: (1) the reason for the violation, or, if contested, the basis for disputing the violation, (2) the corrective steps that have been taken and the results achieved, (3) the corrective steps that will be taken to avoid further violations, and (4) the date when full compliance will be achieved. Your response may reference or include previous docketed correspondence, if the correspondence adequately addresses the required response. If an adequate reply is not received within the time specified in this Notice, an order or a Demand for Information may be issued as to why the license should not be modified, suspended, or revoked, or why such other action as may be proper should not be taken. Where good cause is shown, consideration will be given to extending the response time.

Because your response will be placed in the NRC Public Document Room (PDR), to the extent possible, it should not include any personal privacy, proprietary, or safeguards information so that it can be placed in the PDR without redaction. However, if you find it necessary to include such information, you should clearly indicate the specific information that you desire not to be placed in the PDR, and provide the legal basis to support your request for withholding the information from the public.

Dated at Lisle, Illinois
this 28th day of August 1996

8/8/96

ordered B. Koval

Request for Ring Badges
from Landowner

\$12.59 per month / per badge

Request for 2 ring badge
per month for 3 month

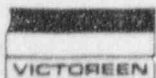
$$\begin{aligned} & \$12.59 \times 2 \text{ badge} \\ & = \$25.18 \text{ per month} \end{aligned}$$

$$\begin{aligned} & 3 \text{ month} \times \$25.18 / \text{month} \\ & = \$75.54 \end{aligned}$$

$$\text{total cost} = \$75.54$$

OK
OK 8-8-96

Victoreen, Inc.



Survey Meter Calibration Report / Certificate of Calibration

Customer TRIONIX RESEARCH LAB.

Cust PO #

Victoreen # REP 42584

Model 290 w/ 493-50
Serial Nos. 1575 4629

CALIBRATION NOTES

Radiation levels are based on standards whose calibrations are traceable to the N.I.S.T. (Formerly N.B.S.)

The suggested re-calibration date is only a suggestion. The actual frequency of re-calibration may vary depending on Federal, state or local requirements.

During calibration the GM probe was positioned perpendicular to the beam axis with the beta shield closed. For the check source the beta shield was open.

The source used for calibration was Cs-137.

All readings below 10 mR/h were corrected for Background Radiation.

The formula for % Error is:

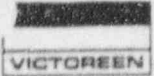
$$(\text{Reading} - \text{Rate}) / \text{Rate} \times 100$$

IMPORTANT

Any corrections made to the instrument readings (e.g. Energy Dependence) are up to the user to apply. Care must be used in applying those factors.

The test response data is on page two (2) of this report.

Victoreen, Inc.



Model 290 w/ 493-50
Serial Nos. 1575 4629

CALIBRATION DATA

RATE

	Range	Rate (mR/h)	Reading (mR/h)	% Error
	X 1000	750	ERR	ERR
	X 1000	250	ERR	ERR
	X 100	80	77.0	-3.75
	X 100	24.6	24.2	-1.59
	X 10.0	7.65	7.78	1.70
	X 10.0	2.37	2.48	4.64
	X 1.0	0.743	0.780	4.98
	X 1.0	0.233	0.240	3.00
	X 0.1	0.055	0.056	2.75
	X 0.1	0.018	0.018	1.41
Background	X 0.1	N/A	0.020	N/A
Check Source	X 10.0	N/A	2.2	N/A

DOSE

	Range	Exposure (mR)	Reading (mR)	% Error
	X 1	0.767	0.770	0.65

USRCAL = .48

Calibrated by

[Signature] *amer*

29-Jul-96

Operational checkout by

[Signature]

29-Jul-96

Suggested re-cal due

30-Jul-97

Traceable to the N.I.S.T.

Test No. DG8953/89

Dated Feb. 8, 1989

FTW Chamber Model 30-349

Serial No. 610

6000 Cochran Road
Cleveland, Ohio 44139-3395
(216) 248-9300
FAX (216) 248-9301
DATA (216) 248-9043

July 1996

Refer to manual in
Hot Lab for complete
Instructions

Sun	Mon	Tue	Wed	Thu	Fri	Sat																																																																																											
	1	2	3	4 SURVEY PRODUCTION AREA	5 WIPE TEST	6																																																																																											
7	8	9	10	11 SURVEY PRODUCTION AREA	12 WIPE TEST	13																																																																																											
14	15	16	17	18 SURVEY PRODUCTION AREA	19 WIPE TEST	20																																																																																											
21	22 INVENTORY QUARTERLY	23	24	25 SURVEY PRODUCTION AREA	26 WIPE TEST	27																																																																																											
28	29 SURVEY METER CALIBRATION	30	31		<p>June</p> <table> <tr><td>S</td><td>M</td><td>T</td><td>W</td><td>T</td><td>F</td><td>S</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td>1</td></tr> <tr><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td></tr> <tr><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td></tr> <tr><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td><td>22</td></tr> <tr><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td><td>29</td></tr> <tr><td>30</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>	S	M	T	W	T	F	S							1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30							<p>August</p> <table> <tr><td>S</td><td>M</td><td>T</td><td>W</td><td>T</td><td>F</td><td>S</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td>1 2 3</td></tr> <tr><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td></tr> <tr><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td><td>17</td></tr> <tr><td>18</td><td>19</td><td>20</td><td>21</td><td>22</td><td>23</td><td>24</td></tr> <tr><td>25</td><td>26</td><td>27</td><td>28</td><td>29</td><td>30</td><td>31</td></tr> </table>	S	M	T	W	T	F	S							1 2 3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
S	M	T	W	T	F	S																																																																																											
						1																																																																																											
2	3	4	5	6	7	8																																																																																											
9	10	11	12	13	14	15																																																																																											
16	17	18	19	20	21	22																																																																																											
23	24	25	26	27	28	29																																																																																											
30																																																																																																	
S	M	T	W	T	F	S																																																																																											
						1 2 3																																																																																											
4	5	6	7	8	9	10																																																																																											
11	12	13	14	15	16	17																																																																																											
18	19	20	21	22	23	24																																																																																											
25	26	27	28	29	30	31																																																																																											

August 1996

Refer to manual in
Hot Lab for complete
Instructions

Sun	Mon	Tue	Wed	Thu	Fri	Sat
July S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	September S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30			1 SURVEY PRODUCTION AREA	2 WIPE TEST	3
4	5	6	7 RADIATION SAFETY TRAINING	8 SURVEY PRODUCTION AREA	9 WIPE TEST	10
11	12	13 Radio Isotope Calibrator Calibration LEAKAGE TEST	14	15 SURVEY PRODUCTION AREA	16 WIPE TEST	17
18	19	20	21	22 SURVEY PRODUCTION AREA	23 WIPE TEST	24
25	26	27	28	29 SURVEY PRODUCTION AREA	30 WIPE TEST	31

September 1996

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5 SURVEY PRODUCTION AREA	6 WIPE TEST	7
8	9	10	11	12 SURVEY PRODUCTION AREA	13 WIPE TEST	14
15	16	17	18	19 SURVEY PRODUCTION AREA	20 WIPE TEST	21
22	23	24	25	26 SURVEY PRODUCTION AREA	27 WIPE TEST	28
29	30				August S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	October S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

October 1996

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3 SURVEY PRODUCTION AREA	4 WIPE TEST	5
6	7	8 INVENTORY	9	10 SURVEY PRODUCTION AREA	11 WIPE TEST	12
13	14	15 Quarterly Review	16	17 SURVEY PRODUCTION AREA	18 WIPE TEST	19
20	21	22	23	24 SURVEY PRODUCTION AREA	25 WIPE TEST	26
27	28	29	30	31 SURVEY PRODUCTION AREA	September S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	November S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

November 1996

Sun	Mon	Tue	Wed	Thu	Fri	Sat
October S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	December S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31				1 WIPE TEST	2
3 	4 	5 	6 	7 SURVEY PRODUCTION AREA	8 WIPE TEST	9
10 	11 	12 	13 	14 SURVEY PRODUCTION AREA	15 WIPE TEST	16
17 	18 	19 	20 	21 SURVEY PRODUCTION AREA	22 WIPE TEST	23
24 	25 	26 	27 	28 SURVEY PRODUCTION AREA	29 WIPE TEST	30

December 1996

Refer to manual in
Hot Lab for complete
Instructions

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5 SURVEY PRODUCTION AREA	6 WIPE TEST	7
8	9	10	11	12 SURVEY PRODUCTION AREA	13 WIPE TEST	14
15	16	17	18	19 SURVEY PRODUCTION AREA	20 WIPE TEST	21
22	23	24	25	26 SURVEY PRODUCTION AREA	27 WIPE TEST	28
29	30	31			November S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	January S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

January 1997

Sun	Mon	Tue	Wed	Thu	Fri	Sat
<p>December</p> <p>S M T W T F S</p> <p>1 2 3 4 5 6 7</p> <p>8 9 10 11 12 13 14</p> <p>15 16 17 18 19 20 21</p> <p>22 23 24 25 26 27 28</p> <p>29 30 31</p>	<p>February</p> <p>S M T W T F S</p> <p>1</p> <p>2 3 4 5 6 7 8</p> <p>9 10 11 12 13 14 15</p> <p>16 17 18 19 20 21 22</p> <p>23 24 25 26 27 28</p>		<p>1</p> <p>INVENTORY</p>	<p>2</p> <p>SURVEY PRODUCTION AREA</p>	<p>3</p> <p>WIPE TEST</p>	<p>4</p>
<p>5</p>	<p>6</p>	<p>7</p> <p>Quarterly Review</p>	<p>8</p>	<p>9</p> <p>SURVEY PRODUCTION AREA</p>	<p>10</p> <p>WIPE TEST</p>	<p>11</p>
<p>12</p>	<p>13</p>	<p>14</p> <p>Generate new Calendar</p>	<p>15</p>	<p>16</p> <p>SURVEY PRODUCTION AREA</p>	<p>17</p> <p>WIPE TEST</p>	<p>18</p>
<p>19</p>	<p>20</p>	<p>21</p>	<p>22</p>	<p>23</p> <p>SURVEY PRODUCTION AREA</p>	<p>24</p> <p>WIPE TEST</p>	<p>25</p>
<p>26</p>	<p>27</p>	<p>28</p>	<p>29</p>	<p>30</p> <p>SURVEY PRODUCTION AREA</p>	<p>31</p> <p>WIPE TEST</p>	

February 1997

Sun	Mon	Tue	Wed	Thu	Fri	Sat
January S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	March S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31					1
2	3	4 LEAKAGE TEST	5	6 Survey Production Area	7 WIPE TEST	8
9	10	11	12	13 Survey Production Area	14 WIPE TEST	15
16	17	18	19	20 Survey Production Area	21 WIPE TEST	22
23	24	25	26	27 Survey Production Area	28 WIPE TEST	

March 1997

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1
2	3	4	5	6 Survey Production Area	7 WIPE TEST	8
9	10	11	12	13 Survey Production Area	14 WIPE TEST	15
16	17	18	19	20 Survey Production Area	21 WIPE TEST	22
23	24	25	26	27 Survey Production Area	28 WIPE TEST	29
30	31				February S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	April S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

April 1997

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1 INVENTORY	2	3 Survey Production Area	4 WIPE TEST	5
6	7	8 QUARTERLY REVIEW	9	10 Survey Production Area	11 WIPE TEST	12
13	14	15	16	17 Survey Production Area	18 WIPE TEST	19
20	21	22	23	24 Survey Production Area	25 WIPE TEST	26
27	28	29	30		March S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	May S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

May 1997

Sun	Mon	Tue	Wed	Thu	Fri	Sat
April S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	June S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30			1 Survey Production Area	2 WIPE TEST	3
4	5	6	7	8 Survey Production Area	9 WIPE TEST	10
11	12	13	14	15 Survey Production Area	16 WIPE TEST	17
18	19	20	21	22 Survey Production Area	23 WIPE TEST	24
25	26	27	28	29 Survey Production Area	30 WIPE TEST	31

June 1997

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5 SURVEY PRODUCTION AREA	6 WIPE TEST	7
8	9	10	11	12 SURVEY PRODUCTION AREA	13 WIPE TEST	14
15	16	17	18	19 SURVEY PRODUCTION AREA	20 WIPE TEST	21
22	23	24 SURVEY METER CALIBRATION	25	26 SURVEY PRODUCTION AREA	27 WIPE TEST	28
29	30				May S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	July S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

July 1997

Sun	Mon	Tue	Wed	Thu	Fri	Sat																																																																																											
		1 Inventory	2	3 SURVEY PRODUCTION AREA	4 WIPE TEST	5																																																																																											
6	7	8 Quarterly Review	9	10 SURVEY PRODUCTION AREA	11 WIPE TEST	12																																																																																											
13	14	15 Radio Isotope Calibrator Calibration LEAKAGE TEST	16	17 SURVEY PRODUCTION AREA	18 WIPE TEST	19																																																																																											
20	21	22	23	24 SURVEY PRODUCTION AREA	25 WIPE TEST	26																																																																																											
27	28	29 Radiation Safety Training	30	31 SURVEY PRODUCTION AREA	<p>June</p> <table> <tr><td>S</td><td>M</td><td>T</td><td>W</td><td>T</td><td>F</td><td>S</td></tr> <tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td></tr> <tr><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td></tr> <tr><td>15</td><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td></tr> <tr><td>22</td><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td></tr> <tr><td>29</td><td>30</td><td></td><td></td><td></td><td></td><td></td></tr> </table>	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30						<p>August</p> <table> <tr><td>S</td><td>M</td><td>T</td><td>W</td><td>T</td><td>F</td><td>S</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td>1 2</td></tr> <tr><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td></tr> <tr><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td></tr> <tr><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td><td>22</td><td>23</td></tr> <tr><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td><td>29</td><td>30</td></tr> <tr><td>31</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>	S	M	T	W	T	F	S							1 2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31						
S	M	T	W	T	F	S																																																																																											
1	2	3	4	5	6	7																																																																																											
8	9	10	11	12	13	14																																																																																											
15	16	17	18	19	20	21																																																																																											
22	23	24	25	26	27	28																																																																																											
29	30																																																																																																
S	M	T	W	T	F	S																																																																																											
						1 2																																																																																											
3	4	5	6	7	8	9																																																																																											
10	11	12	13	14	15	16																																																																																											
17	18	19	20	21	22	23																																																																																											
24	25	26	27	28	29	30																																																																																											
31																																																																																																	

August 1997

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1 WIPE TEST	2
3	4	5	6	7 SURVEY PRODUCTION AREA	8 WIPE TEST	9
10	11	12	13	14 SURVEY PRODUCTION AREA	15 WIPE TEST	16
17	18	19	20	21 SURVEY PRODUCTION AREA	22 WIPE TEST	23
24	25	26	27	28 SURVEY PRODUCTION AREA	29 WIPE TEST	30
31					July S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	September S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

September 1997

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2	3	4 SURVEY PRODUCTION AREA	5 Wipe Test	6
7	8	9	10	11 SURVEY PRODUCTION AREA	12 Wipe Test	13
14	15	16	17	18 SURVEY PRODUCTION AREA	19 Wipe Test	20
21	22	23	24	25 SURVEY PRODUCTION AREA	26 Wipe Test	27
28	29	30			August S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	October S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31