

**Radiation Protection  
Radiological Improvement Reports (RIR)**

Welcome,  
Steve Trujillo

[Home](#) [Back](#) [Create RIR](#)

Home > Databases > Radiological Improvement Reports (RIR)

**Radiological Improvement Report Details**

**RIR No.:** 99-462  
**Originator:**  
**Project:** SSOC  
**Date Entered:** 10/14/1999 12:00:00 AM  
**Event Date:** 10/14/1999 12:00:00 AM  
**Status:** CLOSED  
**Date Closed:** 10/18/1999 12:00:00 AM  
**Building:** 707  
**Location:** A-20  
**Description:** During can stuffing after bag cut of salts material. Positive SAAM alarm in A-20 SSC. DAC level of 95 DAC. No contamination detected in SSC. RCT and 2 operators in SSC. 99-707-1275 RWP  
**RS Supervisor:** R. Stueckrath  
**Immediate Corrective Action:** Evacuated, suspended job, no contamination detected. Pulled Hi-Vol sample (<10% DAC) PI factor .013. Performed DAC-hr tracking.  
**Primary Event Code:** B16  
**Secondary Event Codes:**  
**Apparent Cause:** EQUIPMENT  
**Facility Mgr:** D. Alison  
**DOE Categorization:** Not Applicable  
**Occurrence Rpt. No.:**  
**Responsible Mgr.:** M. Swartz  
**Responsible Dir.:** C. Cox  
**Target Date:** 11/13/1999 12:00:00 AM  
**Corrective Actions:** Use existing 10" bag PUC. Will evaluate use of polyurethane bagout bags before next use.  
**PATS No.:**  
**Comments:**

**Rad Protection Site Links**

- [Radiation Protection](#)
- [Alpha Group](#)
- [Briefings](#)
- [Calc Log](#)
- [Databases](#)
- [Documents](#)
- [Final Surveys](#)
- [Forms](#)
- [Mission](#)
- [Procurement](#)
- [TBD Log](#)
- [Training](#)
- [Video Library](#)

**Database Links**

- [Create RIR](#)
- [Radiation Generating Devices \(RGD\)](#)
- [Sealed Radioactive Sources \(SRS\)](#)

**Contact**

**McGinley, Pam**  
 Webmaster  
 PHONE: x6818  
 PAGER: (303) 212-5374

**Savitz, Kenneth R**  
 Alternate Webmaster  
 PHONE: x4686  
 PAGER: (303) 212-4443

Tuesday, August 03, 2004 8:19:55 AM

Portal Directory Portal Search Portal Sitemap

Welcome,  
Steve TrujilloRadiation Protection  
Radiological Improvement Reports (RIR)

Home Back &lt; Create RIR

Home &gt; Databases &gt; Radiological Improvement Reports (RIR)

## Radiological Improvement Report Details

**RIR No.:** 99-477

**Originator:**

**Project:** SSOC

**Date Entered:** 10/27/1999 12:00:00 AM

**Event Date:** 10/26/1999 12:00:00 AM

**Status:** CLOSED

**Date Closed:** 11/15/1999 12:00:00 AM

**Building:** 707

**Location:** K-Mod

**Description:** Hole in glove resulted in positive SAAM/CAM and skin contamination to one individual. Operator had 1,000 dpm on face, 3,000 dpm on head/hair and 500 dpm on his neck. 3 other people in the module were exposed to airborne activity.

**RS Supervisor:** J. Mattson

**Immediate Corrective Action:** Evacuated module. Took contaminated operator to decon room and successfully decontaminated his skin. All four people given PI samples. Secured module and decontaminated and changed glove after air sampling. Notifications made.

**Primary Event Code:** B4

**Secondary Event Codes:** B7, B11, B5, A1

**Apparent Cause:** EQUIPMENT

**Facility Mgr:** T. Morgan

**DOE Categorization:** Completed

**Occurrence Rpt. No.:** 99-0749

**Responsible Mgr.:** J. Poling

**Responsible Dir.:** C. Cox

**Target Date:** 11/25/1999 12:00:00 AM

**Corrective Actions:** Operations were performed per procedure. The cause of the contamination release was apparently a hole in a GB Glove. The glove was changed and inspected. No hole could be verified.

**PATS No.:**

**Comments:** Two confirmed inhalation of >100 mrem CEDE, on 1/3/00 and 1/6/00 per KKS - added event code A1.

## Rad Protection Site Links

- Radiation Protection
- Alpha Group
- Briefings
- Calc Log
- Databases
- Documents
- Final Surveys
- Forms
- Mission
- Procurement
- TBD Log
- Training
- Video Library

## Database Links

- Create RIR
- Radiation Generating Devices (RGD)
- Sealed Radioactive Sources (SRS)

## Contact

McGinley, Pam  
Webmaster  
PHONE: x6818  
PAGER: (303) 212-5374

Savitz, Kenneth R  
Alternate Webmaster  
PHONE: x4686  
PAGER: (303) 212-4443

Tuesday, August 03 2004 8:21:41 AM

Portal Directory Portal Search Portal Sitemap

Welcome,  
Steve TrujilloRadiation Protection  
Radiological Improvement Reports (RIR)[Home](#) [Back](#) [Create RIR](#)[Home](#) > [Databases](#) > [Radiological Improvement Reports \(RIR\)](#)

## Radiological Improvement Report Details

**RIR No.:** 99-511

**Originator:**

**Project:** SSOC

**Date Entered:** 11/15/1999 12:00:00 AM

**Event Date:** 11/12/1999 12:00:00 AM

**Status:** CLOSED

**Date Closed:** 11/26/1999 12:00:00 AM

**Building:** 707

**Location:** E Module

**Description:** Hole in glove while individual was working contaminated other gloves, checked self on Alpha Met, coveralls contaminated and individuals forearm contaminated. 50,000 dpm on anti-c's. 5,400 dpm on forearm.

**RS Supervisor:** E. Sorrels

**Immediate Corrective Action:** Individual put into FF taken to decon room. PI eval. Performed. All persons notified. Source found and contained.

**Primary Event Code:** B4

**Secondary Event Codes:** B11, B13, B5

**Apparent Cause:** EQUIPMENT

**Facility Mgr:** T. Morgan

**DOE Categorization:** Completed

**Occurrence Rpt. No.:** 99-0796

**Responsible Mgr.:** P. Horning

**Responsible Dir.:** C. Cox

**Target Date:** 12/11/1999 12:00:00 AM

**Corrective Actions:** Employee was taken to medical for appropriate treatment. Glove was replaced. Ash will initiate monthly glove changes at high use boxes.

**PATS No.:** 1999-001900

**Comments:**

## Rad Protection Site Links

- [Radiation Protection](#)
- [Alpha Group](#)
- [Briefings](#)
- [Calc Log](#)
- [Databases](#)
- [Documents](#)
- [Final Surveys](#)
- [Forms](#)
- [Mission](#)
- [Procurement](#)
- [TBD Log](#)
- [Training](#)
- [Video Library](#)

## Database Links

- [Create RIR](#)
- [Radiation Generating Devices \(RGD\)](#)
- [Sealed Radioactive Sources \(SRS\)](#)

## Contact

**McGinley, Pam**  
Webmaster  
PHONE: x6818  
PAGER: (303) 212-5374

**Savitz, Kenneth R**  
Alternate Webmaster  
PHONE: x4686  
PAGER: (303) 212-4443

**Radiation Protection  
Radiological Improvement Reports (RIR)**

[Home](#) [Back](#) [Create RIR](#)

Home > Databases > Radiological Improvement Reports (RIR)

**Radiological Improvement Report Details**

<b>RIR No.:</b>	99-511
<b>Originator:</b>	
<b>Project:</b>	SSOC
<b>Date Entered:</b>	11/15/1999 12:00:00 AM
<b>Event Date:</b>	11/12/1999 12:00:00 AM
<b>Status:</b>	CLOSED
<b>Date Closed:</b>	11/26/1999 12:00:00 AM
<b>Building:</b>	707
<b>Location:</b>	E Module
<b>Description:</b>	Hole in glove while individual was working contaminated other gloves, checked self on Alpha Met, coveralls contaminated and individuals forearm contaminated. 50,000 dpm on anti-c's. 5,400 dpm on forearm.
<b>RS Supervisor</b>	E. Sorrels
<b>Immediate Corrective Action:</b>	Individual put into FF taken to decon room. PI eval. Performed. All persons notified. Source found and contained.
<b>Primary Event Code:</b>	B4
<b>Secondary Event Codes:</b>	B11, B13, B5
<b>Apparent Cause:</b>	EQUIPMENT
<b>Facility Mgr:</b>	T. Morgan
<b>DOE Categorization:</b>	Completed
<b>Occurrence Rpt. No.:</b>	99-0796
<b>Responsible Mgr.:</b>	P. Horning.
<b>Responsible Dir.:</b>	C. Cox
<b>Target Date:</b>	12/11/1999 12:00:00 AM
<b>Corrective Actions:</b>	Employee was taken to medical for appropriate treatment. Glove was replaced. Ash will initiate monthly glove changes at high use boxes.
<b>PATS No.:</b>	1999-001900
<b>Comments:</b>	

**Rad Protection Site Links**

- [Radiation Protection](#)
- [Alpha Group](#)
- [Briefings](#)
- [Calc Log](#)
- [Databases](#)
- [Documents](#)
- [Final Surveys](#)
- [Forms](#)
- [Mission](#)
- [Procurement](#)
- [TBD Log](#)
- [Training](#)
- [Video Library](#)

**Database Links**

- [Create RIR](#)
- [Radiation Generating Devices \(RGD\)](#)
- [Sealed Radioactive Sources \(SRS\)](#)

**Contact**

**McGinley, Pam**  
Webmaster  
PHONE: x6818  
PAGER (303) 212-5374

**Savitz, Kenneth R**  
Alternate Webmaster  
PHONE: x4686  
PAGER: (303) 212-4443

Tuesday August 03, 2004 8:23:02 AM

Portal Directory Portal Search Portal Sitemap

Welcome,  
Steve TrujilloRadiation Protection  
Radiological Improvement Reports (RIR)

Home Back &lt; Create RIR

Home &gt; Databases &gt; Radiological Improvement Reports (RIR)

## Radiological Improvement Report Details

**RIR No.:** 99-528

**Originator:**

**Project:** SSOC

**Date Entered:** 11/23/1999 12:00:00 AM

**Event Date:** 11/22/1999 12:00:00 AM

**Status:** CLOSED

**Date Closed:** 11/26/1999 12:00:00 AM

**Building:** 707

**Location:** E Module

**Description:** 99-707-5412 Ash Ops. During routine Ash operations, a process specialist leaned against centerline glovebox between E-115 and E-125 glovebox. He then noticed glovebox glove beneath him had hole in it. He called an RCT. He had 8,000 dpm on his antic's sleeve <1ft2. (PI Factor 5.0). No other contamination detected above limits. (Glove was not being used.)

**RS Supervisor** R. Stueckrath

**Immediate Corrective Action:** Posted E-Mod as ARA, glove contained and changed out, performed surveys less than limits, nasal swabs taken on process specialist and sent to Internal Dosimetry.

**Primary Event Code:** B5

**Secondary Event Codes:** B13, B11, B16

**Apparent Cause:** EQUIPMENT

**Facility Mgr:** T. Harney

**DOE Categorization:** Completed

**Occurrence Rpt. No.:** 99-0818

**Responsible Mgr.:** P. Horning

**Responsible Dir.:** C. Cox

**Target Date:** 12/21/1999 12:00:00 AM

**Corrective Actions:** Increased focus on glove inspections will be implemented. Maintenance work order T0100772 was submitted to improve on pendant/bird cage.

**PATS No.:**

**Comments:** No intake reported on 1/26/00 per KKS.

## Rad Protection Site Links

- Radiation Protection
- Alpha Group
- Briefings
- Calc Log
- Databases
- Documents
- Final Surveys
- Forms
- Mission
- Procurement
- TBD Log
- Training
- Video Library

## Database Links

- Create RIR
- Radiation Generating Devices (RGD)
- Sealed Radioactive Sources (SRS)

## Contact

**McGinley, Pam**  
Webmaster  
PHONE: x6818  
PAGER: (303) 212-5374

**Savitz, Kenneth R**  
Alternate Webmaster  
PHONE: x4686  
PAGER: (303) 212-4443

Tuesday, August 03, 2004 8:24:50 AM

Portal Directory Portal Search Portal Sitemap

## Radiation Protection Radiological Improvement Reports (RIR)

Welcome,  
Steve Trujillo
[Home](#) [Back](#) < [Create RIR](#)

Home &gt; Databases &gt; Radiological Improvement Reports (RIR)

### Radiological Improvement Report Details

**RIR No.:** 99-507  
**Originator:**  
**Project:** SSOC  
**Date Entered:** 11/11/1999 12:00:00 AM  
**Event Date:** 11/10/1999 12:00:00 AM  
**Status:** CLOSED  
**Date Closed:** 11/8/1999 12:00:00 AM  
**Building:** 707  
**Location:** J Module  
**Description:** 99-7-07-5423 Scrub alloy. During unpacking operation in J-60 SSC, a produce can was removed from pipe assembly reading 1504 mrem/hr @30 cm, exceeding SGL of 500 mrem/hr @ 30 cm. EPD readings max 9 mrem.  
**RS Supervisor** A. D. Allshouse  
**Immediate Corrective Action:** Can placed in shielded cart and covered with 2 lead aprons. Radiation readings <5 mrem/hr @ 30 cm. Posted HRA. Suspended pipe opening and can removal pending investigation results.  
**Primary Event Code:** B16  
**Secondary Event Codes:**  
**Apparent Cause:** PLANNING  
**Facility Mgr:** J. M. Flora  
**DOE Categorization:** Not Applicable  
**Occurrence Rpt. No.:**  
**Responsible Mgr.:** M. J. Landus  
**Responsible Dir.:** C. Cox  
**Target Date:** 12/9/1999 12:00:00 AM  
**Corrective Actions:** Can placed in safe configuration (placed on shielded cart and covered with 2 lead aprons). Evolution stopped. New RWP written for handling item.  
**PATS No.:**  
**Comments:**

#### Rad Protection Site Links

- Radiation Protection
- Alpha Group
- Briefings
- Calc Log
- Databases
- Documents
- Final Surveys
- Forms
- Mission
- Procurement
- TBD Log
- Training
- Video Library

#### Database Links

- Create RIR
- Radiation Generating Devices (RGD)
- Sealed Radioactive Sources (SRS)

#### Contact

**McGinley, Pam**  
 Webmaster  
 PHONE: x6818  
 PAGER: (303) 212-5374

**Savitz, Kenneth R**  
 Alternate Webmaster  
 PHONE: x4686  
 PAGER: (303) 212-4443

Tuesday, August 03, 2004 8:26:17 AM

Radiation Protection  
Radiological Improvement Reports (RIR)Welcome,  
Steve Trujillo[Home](#) [Back](#) < [Create RIR](#)[Home](#) > [Databases](#) > [Radiological Improvement Reports \(RIR\)](#)

## Radiological Improvement Report Details

**RIR No.:** 99-522

**Originator:**

**Project:** SSOC

**Date Entered:** 11/18/1999 12:00:00 AM

**Event Date:** 11/17/1999 12:00:00 AM

**Status:** CLOSED

**Date Closed:** 11/26/1999 12:00:00 AM

**Building:** 707

**Location:** A Module

**Description:** RWP 99-707-1275. During routine salt change preparation in A-10 glovebox (A Module) got hole in glove #13. 1st employee had >10,000,000 dpm small spot on elbow of anti-c and 7,200 dpm on top of head and 600 dpm on face (level II PI). 2nd employee had only 1,000 dpm on anti-c arm <1.0 PI factor. 8 others in module <1.0 PI factor. DAC 17.44.

**RS Supervisor** R. Stueckrath

**Immediate Corrective Action:** Deconned employee; contained glove #013. Found spotty 5ft2 on box A-10 (250-500 dpm); glove will be changed and box deconned on PMs.

**Primary Event Code:** B4

**Secondary Event Codes:** B7, B11, B5, B15, A1

**Apparent Cause:**

**Facility Mgr:** T. Morgan

**DOE Categorization:** Completed

**Occurrence Rpt. No.:** 99-0809

**Responsible Mgr.:** M. Swartz

**Responsible Dir.:** C. Cox

**Target Date:** 12/16/1999 12:00:00 AM

**Corrective Actions:** Completed change out of 15 glove box gloves. Glove boxes were inspected for sharp edges. Operations briefings on importance of rad monitoring. Rad Ops evaluating used of leather gloves.

**PATS No.:**

**Comments:** One individual CEDE confirmed <100 mrem on 1/3/99 by KKS - added B15 code. One individual has 0 CEDE. One individual CEDE confirmed >100 mrem reported on 1/26/00.

## Rad Protection Site Links

- [Radiation Protection](#)
- [Alpha Group](#)
- [Briefings](#)
- [Calc Log](#)
- [Databases](#)
- [Documents](#)
- [Final Surveys](#)
- [Forms](#)
- [Mission](#)
- [Procurement](#)
- [TBD Log](#)
- [Training](#)
- [Video Library](#)

## Database Links

- [Create RIR](#)
- [Radiation Generating Devices \(RGD\)](#)
- [Sealed Radioactive Sources \(SRS\)](#)

## Contact

**McGinley, Pam**  
Webmaster  
PHONE: x6818  
PAGER: (303) 212-5374

**Savitz, Kenneth R**  
Alternate Webmaster  
PHONE: x4686  
PAGER: (303) 212-4443

Radiation Protection  
Radiological Improvement Reports (RIR)

Home Back &lt; Create RIR

Home &gt; Databases &gt; Radiological Improvement Reports (RIR)

## Radiological Improvement Report Details

**RIR No.:** 00-030

**Originator:**

**Project:** SSOC

**Date Entered:** 1/23/2000 12:00:00 AM

**Event Date:** 1/23/2000 12:00:00 AM

**Status:** CLOSED

**Date Closed:** 2/2/2000 12:00:00 AM

**Building:** 707

**Location:** A Module

**Description:** During routine GB ops of moving trash on RWP 99-707-1275, employee got a pinhole in GB A-120 glove port 0004. He had 20,000 dpm on right palm of anti-c glove. Level II PI (PI factor 12.5). No other contamination found outside of glove port.

**RS Supervisor:** R. Stueckrath

**Immediate Corrective Action:** Changed glove 0004, nasals on employee, told employee to report to Internal Dosimetry.

**Primary Event Code:** B5

**Secondary Event Codes:** B11, B13, B16

**Apparent Cause:** EQUIPMENT

**Facility Mgr:** T. Larabee

**DOE Categorization:** Completed

**Occurrence Rpt. No.:** 2000-0047

**Responsible Mgr.:** M. Swartz

**Responsible Dir.:** C. Cox

**Target Date:** 2/22/2000 12:00:00 AM

**Corrective Actions:** Operation was bundling crushed cans at time of incident. Review process. No apparent sign of sharp edges. No actual hole found in glovebox glove. Glove already being changed on routine basis. (high use glove). Held meeting with employee to discuss incident. Nothing abnormal noted.

**PATS No.:**

**Comments:**

## Rad Protection Site Links

- Radiation Protection
- Alpha Group
- Briefings
- Calc Log
- Databases
- Documents
- Final Surveys
- Forms
- Mission
- Procurement
- TBD Log
- Training
- Video Library

## Database Links

- Create RIR
- Radiation Generating Devices (RGD)
- Sealed Radioactive Sources (SRS)

## Contact

McGinley, Pam  
Webmaster  
PHONE: x6818  
PAGER: (303) 212-5374

Savitz, Kenneth R  
Alternate Webmaster  
PHONE: x4686  
PAGER: (303) 212-4443



Tuesday, August 03, 2004 8:28:18 AM

Portal Directory Portal Search Portal Sitemap

## Radiation Protection Radiological Improvement Reports (RIR)

Welcome,  
Steve Trujillo
[Home](#) [Back](#) [Create RIR](#)

Home &gt; Databases &gt; Radiological Improvement Reports (RIR)

### Radiological Improvement Report Details

<b>RIR No.:</b>	01-224
<b>Originator:</b>	
<b>Project:</b>	707
<b>Date Entered:</b>	5/15/2001 12:00:00 AM
<b>Event Date:</b>	5/15/2001 12:00:00 AM
<b>Status:</b>	CLOSED
<b>Date Closed:</b>	7/9/2001 12:00:00 AM
<b>Building:</b>	707
<b>Location:</b>	C Module
<b>Description:</b>	While working in GB C-125, operator came out of glove, checked hand on Alpha-Met and found to have contamination on anti-c glove. Called RCT over to check hand and RCT confirmed 5,000 dpm on glove. RCT bagged glove and disposed of it.
<b>RS Supervisor</b>	G.Osburn
<b>Immediate Corrective Action:</b>	RCT did level 1 PI on individual. PIF 3.125. Workers and RCT changed glove.
<b>Primary Event Code:</b>	B5
<b>Secondary Event Codes:</b>	B13
<b>Apparent Cause:</b>	PERSONNEL
<b>Facility Mgr:</b>	M. Casey
<b>DOE Categorization:</b>	Not Applicable
<b>Occurrence Rpt. No.:</b>	
<b>Responsible Mgr.:</b>	T. Velez
<b>Responsible Dir.:</b>	M. Ferri
<b>Target Date:</b>	6/14/2001 12:00:00 AM
<b>Corrective Actions:</b>	Trained personnel that when they check hands on Alpha-met to avoid moving their hand through their breathing zone to avoid a PI. Also to continue to use leather gloves and use caution with sharp objects.
<b>PATS No.:</b>	
<b>Comments:</b>	

#### Rad Protection Site Links

- [Radiation Protection](#)
- [Alpha Group](#)
- [Briefings](#)
- [Calc Log](#)
- [Databases](#)
- [Documents](#)
- [Final Surveys](#)
- [Forms](#)
- [Mission](#)
- [Procurement](#)
- [TBD Log](#)
- [Training](#)
- [Video Library](#)

#### Database Links

- [Create RIR](#)
- [Radiation Generating Devices \(RGD\)](#)
- [Sealed Radioactive Sources \(SRS\)](#)

#### Contact

McGinley, Pam  
Webmaster  
PHONE: x6818  
PAGER: (303) 212-5374

Savitz, Kenneth R.  
Alternate Webmaster  
PHONE: x4686  
PAGER: (303) 212-4443

Tuesday, August 03, 2004 8:33:28 AM

Portal Directory Portal Search Portal Sitemap

## Radiation Protection Radiological Improvement Reports (RIR)

Welcome,  
Steve Trujillo
[Home](#) [Back](#) [Create RIR](#)

Home &gt; Databases &gt; Radiological Improvement Reports (RIR)

### Radiological Improvement Report Details

**RIR No.:** 99-553  
**Originator:**  
**Project:** SSOC  
**Date Entered:** 12/30/1999 12:00:00 AM  
**Event Date:** 12/29/1999 12:00:00 AM  
**Status:** CLOSED  
**Date Closed:** 1/17/2000 12:00:00 AM  
**Building:** 707  
**Location:**  
**Description:** Individual's end of year extremity dose is 17,406 mrem, exceeding the currently set ACL of 15,000 mrem.  
**RS Supervisor:** A. D. Allhouse  
**Immediate Corrective Action:** Notified Rad safety mgr. And initiated a fact finding meeting.  
**Primary Event Code:** B2  
**Secondary Event Codes:**  
**Apparent Cause:** COMMUNICATIONS  
**Facility Mgr:** T. Morgan  
**DOE Categorization:** Not Applicable  
**Occurrence Rpt. No.:**  
**Responsible Mgr.:** D. Davidson  
**Responsible Dir.:** C. Cox  
**Target Date:** 1/28/2000 12:00:00 AM  
**Corrective Actions:** Dosimetry to develop a reporting process to the buildings for special dosimetry readings. Dosimetry has identified one contact and dosimetry will develop a trigger point for notification.  
**PATS No.:**  
**Comments:**

#### Rad Protection Site Links

- Radiation Protection
- Alpha Group
- Briefings
- Calc Log
- Databases
- Documents
- Final Surveys
- Forms
- Mission
- Procurement
- TBD Log
- Training
- Video Library

#### Database Links

- Create RIR
- Radiation Generating Devices (RGD)
- Sealed Radioactive Sources (SRS)

#### Contact

**McGinley, Pam**  
 Webmaster  
 PHONE: x6818  
 PAGER: (303) 212-5374

**Savitz, Kenneth R**  
 Alternate Webmaster  
 PHONE: x4686  
 PAGER: (303) 212-4443

Radiation Protection  
Radiological Improvement Reports (RIR)

Welcome,  
Steve Trujillo

Home Back Create RIR

Home > Databases > Radiological Improvement Reports (RIR)

Radiological Improvement Report Details

<b>RIR No.:</b>	00-319
<b>Originator:</b>	
<b>Project:</b>	707
<b>Date Entered:</b>	8/16/2000 12:00:00 AM
<b>Event Date:</b>	8/15/2000 12:00:00 AM
<b>Status:</b>	CLOSED
<b>Date Closed:</b>	9/7/2000 12:00:00 AM
<b>Building:</b>	707
<b>Location:</b>	E Module
<b>Description:</b>	While working in E module under the requirements of RWP #00-707-5412. Individual has not been wearing the proper dosimetry required (wrist dosimeter)
<b>RS Supervisor</b>	A. D. Alshouse
<b>Immediate Corrective Action:</b>	TLD pulled, fact finding meeting scheduled.
<b>Primary Event Code:</b>	B1
<b>Secondary Event Codes:</b>	C1
<b>Apparent Cause:</b>	PERSONNEL
<b>Facility Mgr:</b>	T. D. Harney
<b>DOE Categorization:</b>	Not Applicable
<b>Occurrence Rpt. No.:</b>	
<b>Responsible Mgr.:</b>	M.Plankinton
<b>Responsible Dir.:</b>	K. Powers
<b>Target Date:</b>	9/14/2000 12:00:00 AM
<b>Corrective Actions:</b>	A manager's meeting was held. Based upon the facts, the employee was terminated 8/23/00. Employee had gone into Module E for three weeks without a wrist dosimeter. The RWP required it.
<b>PATS No.:</b>	
<b>Comments:</b>	

Rad Protection Site Links

- Radiation Protection
- Alpha Group
- Briefings
- Calc Log
- Databases
- Documents
- Final Surveys
- Forms
- Mission
- Procurement
- TBD Log
- Training
- Video Library

Database Links

- Create RIR
- Radiation Generating Devices (RGD)
- Sealed Radioactive Sources (SRS)

Contact

**McGinley, Pam**  
Webmaster  
PHONE: x6818  
PAGER: (303) 212-6374

**Savitz, Kenneth R**  
Alternate Webmaster  
PHONE: x4686  
PAGER: (303) 212-4443

Tuesday, August 03, 2004 8:40:22 AM

Portal Directory Portal Search Portal Sitemap

## Radiation Protection Radiological Improvement Reports (RIR)

Welcome,  
Steve Trujillo

Home Back &lt; Create RIR

Home &gt; Databases &gt; Radiological Improvement Reports (RIR)

### Radiological Improvement Report Details

**RIR No.:** 00-466  
**Originator:**  
**Project:** 707  
**Date Entered:** 12/4/2000 12:00:00 AM  
**Event Date:** 12/4/2000 12:00:00 AM  
**Status:** CLOSED  
**Date Closed:** 1/8/2001 12:00:00 AM  
**Building:** 707  
**Location:** C Module  
**Description:** Under RWP #00-707-1229. While doing Gamma scans on GB C-65, hole was discovered on bag port resulting in 12,000 dpm on anti-c gloves with no respiratory protection.  
**RS Supervisor** A. D. Allshouse  
**Immediate Corrective Action:** Bag port contained, anti-c glove removed, no contamination detected outside of the bag port, PI taken. Factor 7.5. Outer protective cover of instrument removed (gamma scan).  
**Primary Event Code:** B5  
**Secondary Event Codes:** B13  
**Apparent Cause:** EQUIPMENT  
**Facility Mgr:** M. Casey  
**DOE Categorization:** Completed  
**Occurrence Rpt. No.:** 2000-0722  
**Responsible Mgr.:** F. Lamb  
**Responsible Dir.:** K. Powers  
**Target Date:** 1/3/2001 12:00:00 AM  
**Corrective Actions:** Bioassay performed. All immediate actions correct and appropriate. Therefore, no further action required.  
**PATS No.:**  
**Comments:**

#### Rad Protection Site Links

- # Radiation Protection
- # Alpha Group
- # Briefings
- # Calc Log
- # Databases
- # Documents
- # Final Surveys
- # Forms
- # Mission
- # Procurement
- # TBD Log
- # Training
- # Video Library

#### Database Links

- # Create RIR
- # Radiation Generating Devices (RGD)
- # Sealed Radioactive Sources (SRS)

#### Contact

**McGinley, Pam**  
 Webmaster  
 PHONE: x6818  
 PAGER: (303) 212-5374

**Savitz, Kenneth R**  
 Alternate Webmaster  
 PHONE: x4686  
 PAGER: (303) 212-4443

Tuesday, August 03, 2004 8:41:15 AM

Portal Directory Portal Search Portal Sitemap

## Radiation Protection Radiological Improvement Reports (RIR)

Welcome,  
Steve Trujillo
[Home](#) [Back](#) [Create RIR](#)

Home &gt; Databases &gt; Radiological Improvement Reports (RIR)

### Radiological Improvement Report Details

**RIR No.:** 00-374  
**Originator:**  
**Project:** 707  
**Date Entered:** 9/26/2000 12:00:00 AM  
**Event Date:** 9/25/2000 12:00:00 AM  
**Status:** CLOSED  
**Date Closed:** 10/12/2000 12:00:00 AM  
**Building:** 707  
**Location:** J Module  
**Description:** RWP 00-707-5422. During glove checks on glovebox J-15 (glove 0006) was found with a hole..8,000 dpm on glovebox glove. 5,000 dpm got on RCTs anti-c (hip, leg area) both < 1 ft square. (level I PI) (3.125)  
**RS Supervisor** R. Stueckrath  
**Immediate Corrective Action:** Tape pressed, contamination off RCTs anti-cs, contained gloveport 0006, suspended job.  
**Primary Event Code:** B5  
**Secondary Event Codes:** B11, B13, B16  
**Apparent Cause:** EQUIPMENT  
**Facility Mgr:** J. M. Flora  
**DOE Categorization:** Completed  
**Occurrence Rpt. No.:** 2000-0558  
**Responsible Mgr.:** D. J. Davidson  
**Responsible Dir.:** K. Powers  
**Target Date:** 10/25/2000 12:00:00 AM  
**Corrective Actions:** RCT found hole during glove checks, all actions were correct. Glove was changed. No further action required.  
**PATS No.:**  
**Comments:**

#### Rad Protection Site Links

- Radiation Protection
- Alpha Group
- Briefings
- Calc Log
- Databases
- Documents
- Final Surveys
- Forms
- Mission
- Procurement
- TBD Log
- Training
- Video Library

#### Database Links

- Create RIR
- Radiation Generating Devices (RGD)
- Sealed Radioactive Sources (SRS)

#### Contact

**McGinley, Pam**  
 Webmaster  
 PHONE: x6818  
 PAGER: (303) 212-5374

**Savitz, Kenneth R**  
 Alternate Webmaster  
 PHONE: x4686  
 PAGER: (303) 212-4443

Tuesday, August 03, 2004 8:41:55 AM

Welcome,  
Steve Trujillo**Radiation Protection  
Radiological Improvement Reports (RIR)**[Home](#) [Back](#) < [Create RIR](#)[Home](#) > [Databases](#) > [Radiological Improvement Reports \(RIR\)](#)**Radiological Improvement Report Details**

**RIR No.:** 00-375  
**Originator:**  
**Project:** 707  
**Date Entered:** 9/26/2000 12:00:00 AM  
**Event Date:** 9/25/2000 12:00:00 AM  
**Status:** CLOSED  
**Date Closed:** 10/12/2000 12:00:00 AM  
**Building:** 707  
**Location:** D Module  
**Description:** RWP 00-707-5410. During routine glovebox ops of dry project. Glovebox glove on D-75 glovebox got hole in it, #1 operator 1,500 dpm on tips of anti-c glove. (.94 PI). #2 operator 22,000 dpm on anti-c glove (13.75 PI). No other contamination outside of gloveport.  
**RS Supervisor:** R. Stueckrath  
**Immediate Corrective Action:** Contained glovebox glove. Performed nasals on both operators. Pulled operator #2s TLD (level II PI). Operator #1 no level <1, pulled nasal anyway. Job suspended.  
**Primary Event Code:** B5  
**Secondary Event Codes:** B11, B13, B16  
**Apparent Cause:** PERSONNEL  
**Facility Mgr:** J. M. Flora  
**DOE Categorization:** Completed  
**Occurrence Rpt. No.:** 2000-0559  
**Responsible Mgr.:** L. A. Sayre  
**Responsible Dir.:** K. Powers  
**Target Date:** 10/25/2000 12:00:00 AM  
**Corrective Actions:** Employee has been put on a medical restriction from going in the back area until 10/25/00 due to his contamination. 2nd employee was in the vicinity at the time of the incident and probably incurred contamination from touching outside of glovebox.  
**PATS No.:**  
**Comments:** Employee #2 68 mrem CEDE, 680 mrem CODE

**Rad Protection Site Links**

- [Radiation Protection](#)
- [Alpha Group](#)
- [Briefings](#)
- [Calc Log](#)
- [Databases](#)
- [Documents](#)
- [Final Surveys](#)
- [Forms](#)
- [Mission](#)
- [Procurement](#)
- [TBD Log](#)
- [Training](#)
- [Video Library](#)

**Database Links**

- [Create RIR](#)
- [Radiation Generating Devices \(RGD\)](#)
- [Sealed Radioactive Sources \(SRS\)](#)

**Contact**

**McGinley, Pam**  
 Webmaster  
 PHONE: x6818  
 PAGER: (303) 212-5374

**Savitz, Kenneth R**  
 Alternate Webmaster  
 PHONE: x4686  
 PAGER: (303) 212-4443

Tuesday August 03, 2004 8:42:58 AM

Portal Directory Portal Search Portal Sitemap

Welcome,  
Steve TrujilloRadiation Protection  
Radiological Improvement Reports (RIR)

Home Back &lt; Create RIR

Home &gt; Databases &gt; Radiological Improvement Reports (RIR)

## Radiological Improvement Report Details

**RIR No.:** 00-478  
**Originator:**  
**Project:** 707  
**Date Entered:** 12/12/2000 12:00:00 AM  
**Event Date:** 12/11/2000 12:00:00 AM  
**Status:** CLOSED  
**Date Closed:** 1/8/2001 12:00:00 AM  
**Building:** 707  
**Location:** CA  
**Description:** While doing CSOC verification in A, B, C, D, J and K module. Discovered 10,000 dpm on right anti-c glove when frisking hands and feet leaving Kilo module. No respirator was worn. PI taken. Factor was 6.25.  
**RS Supervisor:** A. D. Allshouse  
**Immediate Corrective Action:** Full body frisk, PI taken, Factor 6.25, Survey of Kilo Module  
**Primary Event Code:** B11  
**Secondary Event Codes:** B13  
**Apparent Cause:** EQUIPMENT  
**Facility Mgr:** T. Morgan  
**DOE Categorization:** Completed  
**Occurrence Rpt. No.:** 2000-0738  
**Responsible Mgr.:** G. Martinez  
**Responsible Dir.:** K. Powers  
**Target Date:** 1/10/2001 12:00:00 AM  
**Corrective Actions:** Operator was following all procedures correctly. Source of contamination was not found after performing surveys. No further action required.  
**PATS No.:**  
**Comments:**

## Rad Protection Site Links

- Radiation Protection
- Alpha Group
- Briefings
- Calc Log
- Databases
- Documents
- Final Surveys
- Forms
- Mission
- Procurement
- TBD Log
- Training
- Video Library

## Database Links

- Create RIR
- Radiation Generating Devices (RGD)
- Sealed Radioactive Sources (SRS)

## Contact

**McGinley, Pam**  
 Webmaster  
 PHONE: x6818  
 PAGER: (303) 212-5374

**Savitz, Kenneth R**  
 Alternate Webmaster  
 PHONE: x4686  
 PAGER: (303) 212-4443

Tuesday, August 03, 2004 8:44:10 AM

[Portal Directory](#) [Portal Search](#) [Portal Sitemap](#)**Radiation Protection  
Radiological Improvement Reports (RIR)**Welcome,  
Steve Trujillo[Home](#) [Back](#) [Create RIR](#)[Home](#) > [Databases](#) > [Radiological Improvement Reports \(RIR\)](#)**Radiological Improvement Report Details**

**RIR No.:** 01-043  
**Originator:**  
**Project:** 707  
**Date Entered:** 1/25/2001 12:00:00 AM  
**Event Date:** 1/25/2001 12:00:00 AM  
**Status:** CLOSED  
**Date Closed:** 3/9/2001 12:00:00 AM  
**Building:** 707  
**Location:** E module  
**Description:** During weekly surveillance of SAAM/CAM in building 707 under RWP 00-707-1200. Individual entered a posted respiratory protection required area in E-module without wearing respiratory protection.  
**RS Supervisor** A. D. Allshouse  
**Immediate Corrective Action:** Notifications made, TLD pulled, air samples taken.  
**Primary Event Code:** B1  
**Secondary Event Codes:**  
**Apparent Cause:** PERSONNEL  
**Facility Mgr:** T. Morgan  
**DOE Categorization:** Completed  
**Occurrence Rpt. No.:** 20001-0050  
**Responsible Mgr.:** D. J. Davidson  
**Responsible Dir.:** K. Powers  
**Target Date:** 2/24/2001 12:00:00 AM  
**Corrective Actions:** RCT was retrained on procedures and discipline was given.  
**PATS No.:**  
**Comments:**

**Rad Protection Site Links**

- [➤ Radiation Protection](#)
- [➤ Alpha Group](#)
- [➤ Briefings](#)
- [➤ Calc Log](#)
- [➤ Databases](#)
- [➤ Documents](#)
- [➤ Final Surveys](#)
- [➤ Forms](#)
- [➤ Mission](#)
- [➤ Procurement](#)
- [➤ TBD Log](#)
- [➤ Training](#)
- [➤ Video Library](#)

**Database Links**

- [➤ Create RIR](#)
- [➤ Radiation Generating Devices \(RGD\)](#)
- [➤ Sealed Radioactive Sources \(SRS\)](#)

**Contact**

**McGinley, Pam**  
 Webmaster  
 PHONE: x6818  
 PAGER: (303) 212-5374

**Savitz, Kenneth R**  
 Alternate Webmaster  
 PHONE: x4686  
 PAGER: (303) 212-4443



Tuesday August 03, 2004 9:15:08 AM

Welcome,  
Steve TrujilloRadiation Protection  
Radiological Improvement Reports (RIR)

Home Back &lt; Create RIR

Home &gt; Databases &gt; Radiological Improvement Reports (RIR)

## Radiological Improvement Report Details

**RIR No.:** 01-206  
**Originator:**  
**Project:** 707  
**Date Entered:** 5/4/2001 12:00:00 AM  
**Event Date:** 5/4/2001 12:00:00 AM  
**Status:** CLOSED  
**Date Closed:** 7/9/2001 12:00:00 AM  
**Building:** 707  
**Location:** C Module  
**Description:** During routine glove inspection in Charlie Module, Glove box C-115 Gloveport #21, individual had 2,000 dpm/100cm<sup>2</sup> removable alpha contamination on right anti-c glove without respiratory protection on. They were working under RWP 01-707-5412.  
**RS Supervisor:** A. D. Allhouse  
**Immediate Corrective Action:** Survey found 2,000 dpm on glove retaining ring. Area contained. PI evaluation results 1.25 (PI taken). Glove to be changed.  
**Primary Event Code:** B13  
**Secondary Event Codes:**  
**Apparent Cause:** EQUIPMENT  
**Facility Mgr:** M. Casey  
**DOE Categorization:** Not Applicable  
**Occurrence Rpt. No.:**  
**Responsible Mgr.:** T. Velez  
**Responsible Dir.:** M. Ferri  
**Target Date:** 6/3/2001 12:00:00 AM  
**Corrective Actions:** Briefing to advise personnel to wear full face respiratory protection while performing glove inspections on the gloveboxes. Roster attached.  
**PATS No.:**  
**Comments:**

## Rad Protection Site Links

- Radiation Protection
- Alpha Group
- Briefings
- Calc Log
- Databases
- Documents
- Final Surveys
- Forms
- Mission
- Procurement
- TBD Log
- Training
- Video Library

## Database Links

- Create RIR
- Radiation Generating Devices (RGD)
- Sealed Radioactive Sources (SRS)

## Contact

**McGinley, Pam**  
 Webmaster  
 PHONE: x6818  
 PAGER: (303) 212-5374

**Savitz, Kenneth R**  
 Alternate Webmaster  
 PHONE: x4686  
 PAGER: (303) 212-4443

Tuesday, August 03 2004 9:15:54 AM

Portal Directory Portal Search Portal Sitemap

Radiation Protection  
Radiological Improvement Reports (RIR)Welcome,  
Steve Trujillo[Home](#) [Back](#) [Create RIR](#)[Home](#) > [Databases](#) > [Radiological Improvement Reports \(RIR\)](#)

## Radiological Improvement Report Details

**RIR No.:** 01-266  
**Originator:**  
**Project:** 707  
**Date Entered:** 6/14/2001 12:00:00 AM  
**Event Date:** 6/14/2001 12:00:00 AM  
**Status:** CLOSED  
**Date Closed:** 8/2/2001 12:00:00 AM  
**Building:** 707  
**Location:** Corridor D  
**Description:** Lost dosimeter. Entered with dosimeter and while working in CA noticed dosimeter missing. Exited area.  
**RS Supervisor:** R. Simmons  
**Immediate Corrective Action:** Looked for dosimeter. Informed supervision. Dosimeter not found as of 6/14/01 am.  
**Primary Event Code:** C1  
**Secondary Event Codes:**  
**Apparent Cause:** PERSONNEL  
**Facility Mgr:** M. Casey  
**DOE Categorization:** Not Applicable  
**Occurrence Rpt. No.:**  
**Responsible Mgr.:** G. T. Chandler  
**Responsible Dir.:** M. Ferri  
**Target Date:** 7/14/2001 12:00:00 AM  
**Corrective Actions:** Sent individual to external dosimetry for dose reconstruction. Dosimeter to finish dose reconstruction. No further actions taken.  
**PATS No.:**  
**Comments:**

## Rad Protection Site Links

- [Radiation Protection](#)
- [Alpha Group](#)
- [Briefings](#)
- [Calc Log](#)
- [Databases](#)
- [Documents](#)
- [Final Surveys](#)
- [Forms](#)
- [Mission](#)
- [Procurement](#)
- [TBD Log](#)
- [Training](#)
- [Video Library](#)

## Database Links

- [Create RIR](#)
- [Radiation Generating Devices \(RGD\)](#)
- [Sealed Radioactive Sources \(SRS\)](#)

## Contact

**McGinley, Pam**  
 Webmaster  
 PHONE: x6818  
 PAGER: (303) 212-5374

**Savitz, Kenneth R**  
 Alternate Webmaster  
 PHONE: x4686  
 PAGER: (303) 212-4443

Tuesday, August 03, 2004 10:45:38 AM

Portal Directory Portal Search Portal Sitemap

Radiation Protection  
Radiological Improvement Reports (RIR)Welcome,  
Steve Trujillo

Home Back &lt; Create RIR

Home &gt; Databases &gt; Radiological Improvement Reports (RIR)

## Radiological Improvement Report Details

RIR No.: 00-434

Originator:

Project: 707

Date Entered: 11/15/2000 12:00:00 AM

Event Date: 11/14/2000 12:00:00 AM

Status: CLOSED

Date Closed: 12/19/2000 12:00:00 AM

Building: 707

Location: C Module

Description: The TLD was dropped in C-module, Bldg. 707 resulting in the crystals falling out of the TLD.

RS Supervisor: A. D. Allshouse

Immediate Corrective Action: Individual left the CA. RCT found all the crystals and surveyed. TLD sent to dosimetry.

Primary Event Code: C7

Secondary Event Codes:

Apparent Cause: PERSONNEL

Facility Mgr: T. Morgan

DOE Categorization: Not Applicable

Occurrence Rpt. No.:

Responsible Mgr.: G. Martinez

Responsible Dir.: K. Powers

Target Date: 12/14/2000 12:00:00 AM

Corrective Actions: Discussed the incident with the individual. Individual was instructed on the importance of attaching dosimetry properly

PATS No.:

Comments:

## Rad Protection Site Links

- Radiation Protection
- Alpha Group
- Briefings
- Calc Log
- Databases
- Documents
- Final Surveys
- Forms
- Mission
- Procurement
- TBD Log
- Training
- Video Library

## Database Links

- Create RIR
- Radiation Generating Devices (RGD)
- Sealed Radioactive Sources (SRS)

## Contact

McGinley, Pam  
Webmaster  
PHONE: x6818  
PAGER: (303) 212-5374

Savitz, Kenneth R  
Alternate Webmaster  
PHONE: x4686  
PAGER: (303) 212-4443

Tuesday, August 03, 2004 10:46:58 AM

Welcome,  
Steve Trujillo

**Radiation Protection  
Radiological Improvement Reports (RIR)**

Home Back < Create RIR

Home > Databases > Radiological Improvement Reports (RIR)

**Radiological Improvement Report Details**

<b>RIR No.:</b>	00-445
<b>Originator:</b>	I
<b>Project:</b>	707
<b>Date Entered:</b>	11/16/2000 12:00:00 AM
<b>Event Date:</b>	11/15/2000 12:00:00 AM
<b>Status:</b>	CLOSED
<b>Date Closed:</b>	12/19/2000 12:00:00 AM
<b>Building:</b>	707
<b>Location:</b>	C Module
<b>Description:</b>	Large area wipe of floor and containment in C-pit. Found 4,000 dpm/100cm2 removable contamination. Did survey with FF respirator. Could not find the source.
<b>RS Supervisor</b>	R. Simmons
<b>Immediate Corrective Action:</b>	Re-surveyed as above. Re-survey indicated <250 dpm/100cm2.
<b>Primary Event Code:</b>	B5
<b>Secondary Event Codes:</b>	B11
<b>Apparent Cause:</b>	OTHER/Unknown
<b>Facility Mgr.:</b>	M. Casey
<b>DOE Categorization:</b>	Not Applicable
<b>Occurrence Rpt. No.:</b>	
<b>Responsible Mgr.:</b>	V. Pizzuto
<b>Responsible Dir.:</b>	K. Powers
<b>Target Date:</b>	12/15/2000 12:00:00 AM
<b>Corrective Actions:</b>	Upon re-survey, no contamination was found. Therefore, no future actions required.
<b>PATS No.:</b>	
<b>Comments:</b>	

**Rad Protection Site Links**

- Radiation Protection
- Alpha Group
- Briefings
- Calc Log
- Databases
- Documents
- Final Surveys
- Forms
- Mission
- Procurement
- TBD Log
- Training
- Video Library

**Database Links**

- Create RIR
- Radiation Generating Devices (RGD)
- Sealed Radioactive Sources (SRS)

**Contact**

**McGinley, Pam**  
Webmaster  
PHONE: x6818  
PAGER: (303) 212-5374

**Savitz, Kenneth R**  
Alternate Webmaster  
PHONE: x4686  
PAGER: (303) 212-4443

Tuesday, August 03, 2004 10:50:52 AM

Portal Directory Portal Search Portal Sitemap

## Radiation Protection Radiological Improvement Reports (RIR)

Welcome,  
Steve Trujillo

Home Back &lt; Create RIR

Home &gt; Databases &gt; Radiological Improvement Reports (RIR)

### Radiological Improvement Report Details

**RIR No.:** 01-337  
**Originator:**  
**Project:** 707  
**Date Entered:** 7/30/2001 12:00:00 AM  
**Event Date:** 7/27/2001 12:00:00 AM  
**Status:** CLOSED  
**Date Closed:** 10/29/2001 12:00:00 AM  
**Building:** 707  
**Location:** J Module  
**Description:** Hole discovered on J-65 box glove #0002. Three individuals had anti-c clothing contamination from 5,000 dpm to 50,000 dpm on their left upper arms. Floor contamination levels found spotty from 1,000 dpm to 15,000 dpm. 198 dpm on left upper arm of two individuals.  
**RS Supervisor:** A. Allshouse  
**Immediate Corrective Action:** Module posted, contaminated clothing removed, glove changed, and floor deconned.  
**Primary Event Code:** B5  
**Secondary Event Codes:** B15, C8  
**Apparent Cause:** EQUIPMENT  
**Facility Mgr:** M. Casey  
**DOE Categorization:** Completed  
**Occurrence Rpt. No.:** 2001-0415  
**Responsible Mgr.:** G. T. Chandler  
**Responsible Dir.:** M. Ferri  
**Target Date:** 8/26/2001 12:00:00 AM  
**Corrective Actions:** All individuals responded properly to the incident Mgr. Meeting held. Follow up and corrective actions will be performed in accordance with IR-2001-0415.  
**PATS No.:**  
**Comments:** Confirmed intake of 220 mrem for employee #1.

#### Rad Protection Site Links

- Radiation Protection
- Alpha Group
- Briefings
- Calc Log
- Databases
- Documents
- Final Surveys
- Forms
- Mission
- Procurement
- TBD Log
- Training
- Video Library

#### Database Links

- Create RIR
- Radiation Generating Devices (RGD)
- Sealed Radioactive Sources (SRS)

#### Contact

**McGinley, Pam**  
 Webmaster  
 PHONE: x6818  
 PAGER: (303) 212-5374

**Savitz, Kenneth R**  
 Alternate Webmaster  
 PHONE: x4686  
 PAGER: (303) 212-4443

Tuesday, August 03, 2004 10:53:05 AM

Welcome,  
Steve TrujilloRadiation Protection  
Radiological Improvement Reports (RIR)

Home Back &lt; Create RIR

Home &gt; Databases &gt; Radiological Improvement Reports (RIR)

## Radiological Improvement Report Details

**RIR No.:** 01-446  
**Originator:**  
**Project:** 707  
**Date Entered:** 10/29/2001 12:00:00 AM  
**Event Date:** 10/24/2001 12:00:00 AM  
**Status:** CLOSED  
**Date Closed:** 10/26/2001 12:00:00 AM  
**Building:** 707  
**Location:** A and E modules  
**Description:** Hole in Glove A module worker had 9,000 dpm on Anti-c glove. No respirator. E module worker had 5,000 dpm on anti-c glove. No respirator. RWP # 01-707-5441. Boxes of concern A-70, E Mod S-15.  
**RS Supervisor:** A. Allshouse  
**Immediate Corrective Action:** PI Factor worksheets for both Level 1 PIs. Gloves changed, notifications made. PI factors A mod 5.63 and E Mod 1.25  
**Primary Event Code:** O  
**Secondary Event Codes:**  
**Apparent Cause:** PERSONNEL  
**Facility Mgr:** J. Pestovich Jr.  
**DOE Categorization:** Completed  
**Occurrence Rpt. No.:** 2001-0558  
**Responsible Mgr.:** G. T. Chandler  
**Responsible Dir.:** M. Ferri  
**Target Date:** 11/23/2001 12:00:00 AM  
**Corrective Actions:** Actions taken were appropriate and no other spread of contamination occurred. Follow up bioassay will be in accordance with Internal Dosimetry procedures.  
**PATS No.:**  
**Comments:**

## Rad Protection Site Links

- Radiation Protection
- Alpha Group
- Briefings
- Calc Log
- Databases
- Documents
- Final Surveys
- Forms
- Mission
- Procurement
- TBD Log
- Training
- Video Library

## Database Links

- Create RIR
- Radiation Generating Devices (RGD)
- Sealed Radioactive Sources (SRS)

## Contact

**McGinley, Pam**  
 Webmaster  
 PHONE: x6818  
 PAGER: (303) 212-5374

**Savitz, Kenneth R**  
 Alternate Webmaster  
 PHONE: x4686  
 PAGER: (303) 212-4443

Tuesday, August 03, 2004 10:55:11 AM

Portal Directory Portal Search Portal Sitemap

Welcome,  
Steve TrujilloRadiation Protection  
Radiological Improvement Reports (RIR)

Home Back &lt; Create RIR

Home &gt; Databases &gt; Radiological Improvement Reports (RIR)

## Radiological Improvement Report Details

RIR No.: 01-481  
 Originator:  
 Project: 707  
 Date Entered: 12/18/2001 12:00:00 AM  
 Event Date: 12/18/2001 12:00:00 AM  
 Status: CLOSED  
 Date Closed: 12/31/2001 12:00:00 AM  
 Building: 707  
 Location: 110 C Module  
 Description: One person was discovered with 10,000 dpm on right anti-c glove (no respirator). Survey of module discovered 160,000 dpm on north wall, spotty contamination on floor around wall. PI Factor of 5 PI given.

RS Supervisor A. Allshouse  
 Immediate Corrective Action: Module posted, survey of module 160,000 dpm on wall spotty contamination on floor 500 dpm to 10,000 dpm. PI given. Decon of module.

Primary Event Code: 0  
 Secondary Event Codes:  
 Apparent Cause: PLANNING  
 Facility Mgr: T. Harvey  
 DOE Categorization: Completed  
 Occurrence Rpt. No.: 2001-0634  
 Responsible Mgr.: G. T. Chandler  
 Responsible Dir.: M. Ferri  
 Target Date: 1/18/2002 12:00:00 AM  
 Corrective Actions: Nasal/mouth results from lab were less than decision level. Fecal kits issued. Additional bioassay, if required, will be in accordance with Internal Dosimetry procedures. RCTs were briefed on proper surveying when removing items from wall/floors in C-Module due to past history of spills in the module.

PATS No.:  
 Comments: PA# KH-2002-0010

## Rad Protection Site Links

- Radiation Protection
- Alpha Group
- Briefings
- Calc Log
- Databases
- Documents
- Final Surveys
- Forms
- Mission
- Procurement
- TBD Log
- Training
- Video Library

## Database Links

- Create RIR
- Radiation Generating Devices (RGD)
- Sealed Radioactive Sources (SRS)

## Contact

McGinley, Pam  
 Webmaster  
 PHONE: x6818  
 PAGER: (303) 212-5374

Savitz, Kenneth R  
 Alternate Webmaster  
 PHONE: x4686  
 PAGER: (303) 212-4443

**Radiation Protection  
Radiological Improvement Reports (RIR)**

Welcome,  
Steve Trujillo

Home Back < Create RIR

Home > Databases > Radiological Improvement Reports (RIR)

**Radiological Improvement Report Details**

<b>RIR No.:</b>	02-013
<b>Originator:</b>	
<b>Project:</b>	707
<b>Date Entered:</b>	1/15/2002 12:00:00 AM
<b>Event Date:</b>	1/15/2002 12:00:00 AM
<b>Status:</b>	CLOSED
<b>Date Closed:</b>	2/14/2002 12:00:00 AM
<b>Building:</b>	707
<b>Location:</b>	A Mod Room 100
<b>Description:</b>	During glovebox operations in S3B glovebox, had positive CAM alarm w/o respiratory protection. Discovered two gloves with holes in them resulting in hair contamination with levels of 3,000 dpm/100cm2.
<b>RS Supervisor</b>	A. Allhouse
<b>Immediate Corrective Action:</b>	Module posted ARA. Personnel evacuated, PI factor for individual with skin contamination (10), TLD pulled, PI's performed on six other people in module <1 PI factor.
<b>Primary Event Code:</b>	H
<b>Secondary Event Codes:</b>	K, O
<b>Apparent Cause:</b>	PERSONNEL/EQUIPMENT/PLANNING
<b>Facility Mgr:</b>	M. Casey
<b>DOE Categorization:</b>	Completed
<b>Occurrence Rpt. No.:</b>	2002-0017
<b>Responsible Mgr.:</b>	G. T. Chandler
<b>Responsible Dir.:</b>	M. Ferri
<b>Target Date:</b>	2/14/2002 12:00:00 AM
<b>Corrective Actions:</b>	Individuals nasal/mouth swabs results from lab were less than Decision Level. Follow-up bioassay will be in accordance with fecal results and Internal Dosimetry procedures. Managers meeting was held on 1/15/02. Any additional follow-up will be performed and documented in OR 2002-0017.
<b>PATS No.:</b>	
<b>Comments:</b>	PA# KH-2002-0038

**Rad Protection Site Links**

- Radiation Protection
- Alpha Group
- Briefings
- Calc Log
- Databases
- Documents
- Final Surveys
- Forms
- Mission
- Procurement
- TBD Log
- Training
- Video Library

**Database Links**

- Create RIR
- Radiation Generating Devices (RGD)
- Sealed Radioactive Sources (SRS)

**Contact**

**McGinley, Pam**  
Webmaster  
PHONE: x6818  
PAGER: (303) 212-5374

**Savitz, Kenneth R**  
Alternate Webmaster  
PHONE: x4686  
PAGER: (303) 212-4443



Tuesday, August 03, 2004 10:56:26 AM

Portal Directory Portal Search Portal Sitemap

**Radiation Protection  
Radiological Improvement Reports (RIR)**

Welcome,  
**Steve Trujillo**

[Home](#) [Back](#) [Create RIR](#)

Home > Databases > Radiological Improvement Reports (RIR)

### Radiological Improvement Report Details

**RIR No.:** T-02-006  
**Originator:**  
**Project:** 707  
**Date Entered:** 1/30/2002 12:00:00 AM  
**Event Date:** 1/25/2002 12:00:00 AM  
**Status:** CLOSED  
**Date Closed:** 1/30/2002 12:00:00 AM  
**Building:** 707  
**Location:** C-Module  
**Description:** While doing chem decon inside glovebox C-90, while in respiratory protection his respiratory Hepa canister came out and fell to the floor. Module was posted as an ARA during this time.  
**RS Supervisor:** Allen Allshouse  
**Immediate Corrective Action:** Individual removed from Module. P.I. Factor <1, working DAC sample 0.4 DAC, PI performed at individual request, respirator saved for evaluation.  
**Primary Event Code:** O-D  
**Secondary Event Codes:**  
**Apparent Cause:**  
**Facility Mgr.:** Tim Harney  
**DOE Categorization:** Not Applicable  
**Occurrence Rpt. No.:**  
**Responsible Mgr.:** Gary Chandler  
**Responsible Dir.:** Mark Ferri  
**Target Date:** 2/24/2002 12:00:00 AM  
**Corrective Actions:**  
**PATS No.:**  
**Comments:**

#### Rad Protection Site Links

- Radiation Protection
- Alpha Group
- Briefings
- Calc Log
- Databases
- Documents
- Final Surveys
- Forms
- Mission
- Procurement
- TBD Log
- Training
- Video Library

#### Database Links

- Create RIR
- Radiation Generating Devices (RGD)
- Sealed Radioactive Sources (SRS)

#### Contact

**McGinley, Pam**  
 Webmaster  
 PHONE: x6818  
 PAGER: (303) 212-5374

**Savitz, Kenneth R**  
 Alternate Webmaster  
 PHONE: x4686  
 PAGER (303) 212-4443

Tuesday, August 03, 2004 11:00:15 AM

Portal Directory Portal Search Portal Sitemap

## Radiation Protection Radiological Improvement Reports (RIR)

Welcome,  
Steve Trujillo

Home Back &lt; Create RIR

Home &gt; Databases &gt; Radiological Improvement Reports (RIR)

### Radiological Improvement Report Details

**RIR No.:** 02-112  
**Originator:**  
**Project:** 707  
**Date Entered:** 6/26/2002 12:00:00 AM  
**Event Date:** 6/26/2002 12:00:00 AM  
**Status:** CLOSED  
**Date Closed:** 7/8/2002 12:00:00 AM  
**Building:** 707  
**Location:** Module A  
**Description:** Removing lead and found greater than 1,000,000 dpm contamination behind lead and on the floor. One person had 660 dpm on shoulder of blue coveralls. 5 - CAM alarms.  
**RS Supervisor:** Greg Osburn  
**Immediate Corrective Action:** Personnel evacuated area, they were surveyed out. RCTs and Supervision went back into room after doing re-entry air sampling, survey area, put kimwipes down with decon solution on contamination and re-set SAAMs.  
**Primary Event Code:** Q  
**Secondary Event Codes:** O-G  
**Apparent Cause:** EQUIPMENT  
**Facility Mgr:** J. Pestovich  
**DOE Categorization:** Completed  
**Occurrence Rpt. No.:** 2002-0305  
**Responsible Mgr.:** G. Chandler  
**Responsible Dir.:** Mark Ferri  
**Target Date:** 7/26/2002 12:00:00 AM  
**Corrective Actions:** Actions taken, in response to contamination and air monitor alarms was appropriate. Appropriate engineering controls were being used at the time of work. Drape type of containment w/ air mover will be installed under GBs to finish lead removal. For more info see OC 2002-0305.  
**PATS No.:**  
**Comments:** PA Screen - #KH-2002-0212 - N/A

#### Rad Protection Site Links

- Radiation Protection
- Alpha Group
- Briefings
- Calc Log
- Databases
- Documents
- Final Surveys
- Forms
- Mission
- Procurement
- TBD Log
- Training
- Video Library

#### Database Links

- Create RIR
- Radiation Generating Devices (RGD)
- Sealed Radioactive Sources (SRS)

#### Contact

**McGinley, Pam**  
 Webmaster  
 PHONE: x6818  
 PAGER: (303) 212-5374

**Savitz, Kenneth R**  
 Alternate Webmaster  
 PHONE: x4686  
 PAGER: (303) 212-4443

Tuesday, August 03, 2004 11:01:39 AM

Portal Directory Portal Search Portal Sitemap

## Radiation Protection Radiological Improvement Reports (RIR)

Welcome,  
Steve Trujillo

Home Back &lt; Create RIR

Home &gt; Databases &gt; Radiological Improvement Reports (RIR)

### Radiological Improvement Report Details

**RIR No.:** T-02-076  
**Originator:**  
**Project:** 707  
**Date Entered:** 8/21/2002 12:00:00 AM  
**Event Date:** 8/19/2002 12:00:00 AM  
**Status:** CLOSED  
**Date Closed:** 8/21/2002 12:00:00 AM  
**Building:** 707  
**Location:** Module A  
**Description:** While cutting wires on Furnace Box 35 the packing that normally exists in the pass thru wasn't there enough to keep a wire from coming out of Box 35 and causing a contamination release resulting in 2 positive CAM alarms. 100K DPM on metal ledge, 50K DPM on floor, 5K on antic's of workers, 1200 DPM on respirator of one individual. Working DAC was 23 DAC.  
**RS Supervisor:** Greg Osburn  
**Immediate Corrective Action:** Personnel exited the module. RCT's surveyed personnel, no skin contamination found. RCT's cleared CAM alarms. Deconned area then covered floor in plastic under Box 35.  
**Primary Event Code:** O-H  
**Secondary Event Codes:**  
**Apparent Cause:**  
**Facility Mgr:** Mike Casey  
**DOE Categorization:** Not Applicable  
**Occurrence Rpt. No.:**  
**Responsible Mgr.:**  
**Responsible Dir.:** Mark Ferri  
**Target Date:** 9/20/2002 12:00:00 AM  
**Corrective Actions:**  
**PATS No.:**  
**Comments:**

#### Rad Protection Site Links

- Radiation Protection
- Alpha Group
- Briefings
- Calc Log
- Databases
- Documents
- Final Surveys
- Forms
- Mission
- Procurement
- TBD Log
- Training
- Video Library

#### Database Links

- Create RIR
- Radiation Generating Devices (RGD)
- Sealed Radioactive Sources (SRS)

#### Contact

**McGinley, Pam**  
 Webmaster  
 PHONE: x6818  
 PAGER: (303) 212-5374

**Savitz, Kenneth R**  
 Alternate Webmaster  
 PHONE: x4686  
 PAGER: (303) 212-4443

Tuesday, August 03, 2004 11:03 30 AM

Portal Directory Portal Search Portal Sitemap

Radiation Protection  
Radiological Improvement Reports (RIR)Welcome,  
Steve Trujillo

Home Back &lt; Create RIR

Home &gt; Databases &gt; Radiological Improvement Reports (RIR)

## Radiological Improvement Report Details

**RIR No.:** 02-211

**Originator:**

**Project:** 707/776/777

**Date Entered:** 10/15/2002 6:59:00 AM

**Event Date:** 10/14/2002 10:00:00 AM

**Status:** CLOSED

**Date Closed:** 10/25/2002 12:00:00 AM

**Building:** 707

**Location:** 707 / Module C

**Description:** Three continuous air monitors (CAMs) alarmed during sand blasting operations in Glovebox C-110. The CAMs were determined to be positive. Contamination was found on the floor, drum dump, and gloves up to 500,000 disintegrations per minute per 100 square centimeters (dpm) It was determined that the sand blasting operations breached the gasket on the motor shaft.

**RS Supervisor:** W. J. Sutton

**Immediate Corrective Action:** The room was evacuated and the breach was covered with plastic and taped.

**Primary Event Code:** O-G

**Secondary Event Codes:**

**Apparent Cause:** PEOPLE

**Facility Mgr:** Joe Pestovich

**DOE Categorization:** Not Applicable

**Occurrence Rpt. No.:**

**Responsible Mgr.:** Gary Chandler

**Responsible Dir.:** Ferri

**Target Date:** 11/14/2002 6:59:00 AM

**Corrective Actions:** All personnel responded appropriately to the alarm condition. Radiological Operations Supervisors briefed D & D personnel (work crew) on being careful when using grit blasting inside a glovebox, as well as paying attention to where they are pointing the sand blaster.

**PATS No.:** N/A

**Comments:**

## Rad Protection Site Links

- Radiation Protection
- Alpha Group
- Briefings
- Calc Log
- Databases
- Documents
- Final Surveys
- Forms
- Mission
- Procurement
- TBD Log
- Training
- Video Library

## Database Links

- Create RIR
- Radiation Generating Devices (RGD)
- Sealed Radioactive Sources (SRS)

## Contact

**McGinley, Pam**  
Webmaster  
PHONE: x6818  
PAGER: (303) 212-5374

**Savitz, Kenneth R**  
Alternate Webmaster  
PHONE: x4686  
PAGER (303) 212-4443

Tuesday, August 03, 2004 11:04:59 AM

Portal Directory Portal Search Portal Sitemap

[Radiation Protection](#)  
**Radiological Improvement Reports (RIR)**

Welcome,  
 Steve Trujillo

[Home](#) [Back](#) [Create RIR](#)

Home > Databases > Radiological Improvement Reports (RIR)

### Radiological Improvement Report Details

<b>RIR No.:</b>	02-215
<b>Originator:</b>	
<b>Project:</b>	707/776/777
<b>Date Entered:</b>	10/18/2002 8:09:00 AM
<b>Event Date:</b>	10/17/2002 2:50:00 PM
<b>Status:</b>	CLOSED
<b>Date Closed:</b>	11/4/2002 12:00:00 AM
<b>Building:</b>	707
<b>Location:</b>	707 / Module J
<b>Description:</b>	Workers were performing stud removal in glovebox S-16 when CAMs alarmed in J-module. RCTs responded, counted CAM papers on AP-2 they were positive. 1 person had contamination of 5,000 dpm on right sleeve of Anti-contamination clothing, the other had 10,000 dpm on right side of anti-c. Miscellaneous tools contaminated to 5,000 dpm, with 5,000 to 10,000 dpm on the floor.
<b>RS Supervisor</b>	Greg Osburn
<b>Immediate Corrective Action:</b>	RCTs responded in accordance with RSP 04.01
<b>Primary Event Code:</b>	O-H
<b>Secondary Event Codes:</b>	
<b>Apparent Cause:</b>	PEOPLE
<b>Facility Mgr:</b>	Tim Harney
<b>DOE Categorization:</b>	Not Applicable
<b>Occurrence Rpt. No.:</b>	
<b>Responsible Mgr.:</b>	Gary Chandler
<b>Responsible Dir.:</b>	Mark Ferri
<b>Target Date:</b>	11/17/2002 12:00:00 AM
<b>Corrective Actions:</b>	Response to the alarm condition was appropriate and in accordance with procedural requirements. RCTTS briefed crew on proper methods for removing studs on the side of gloveboxes, including the use of point source ventilation.
<b>PATS No.:</b>	N/A
<b>Comments:</b>	

#### Rad Protection Site Links

- [➤ Radiation Protection](#)
- [➤ Alpha Group](#)
- [➤ Briefings](#)
- [➤ Calc Log](#)
- [➤ Databases](#)
- [➤ Documents](#)
- [➤ Final Surveys](#)
- [➤ Forms](#)
- [➤ Mission](#)
- [➤ Procurement](#)
- [➤ TBD Log](#)
- [➤ Training](#)
- [➤ Video Library](#)

#### Database Links

- [➤ Create RIR](#)
- [➤ Radiation Generating Devices \(RGD\)](#)
- [➤ Sealed Radioactive Sources \(SRS\)](#)

#### Contact

**McGinley, Pam**  
 Webmaster  
 PHONE x6818  
 PAGER: (303) 212-5374

**Savitz, Kenneth R**  
 Alternate Webmaster  
 PHONE: x4686  
 PAGER: (303) 212-4443

Tuesday, August 03, 2004 11:05:31 AM

Welcome,  
Steve Trujillo

## Radiation Protection Radiological Improvement Reports (RIR)

[Home](#) [Back](#) < [Create RIR](#)

Home &gt; Databases &gt; Radiological Improvement Reports (RIR)

### Radiological Improvement Report Details

**RIR No.:** 02-222  
**Originator:**  
**Project:** 707/776/777  
**Date Entered:** 10/22/2002 2:16:00 PM  
**Event Date:** 10/22/2002 1:40:00 PM  
**Status:** CLOSED  
**Date Closed:** 10/31/2002 12:00:00 AM  
**Building:** 707  
**Location:** 707 Second Floor RBA  
**Description:** Improper wearing of personnel dosimeter. Individual mistakenly used co-worker's dosimeter badge.  
**RS Supervisor:** Letty Cooper  
**Immediate Corrective Action:** Both TLDs were pulled and taken to dosimetry to be read. External Dosimetry issued a new TLD to the individual whose TLD was used, assigned a dose to the party using the incorrect TLD, and reissued this individual a TLD.  
**Primary Event Code:** S  
**Secondary Event Codes:**  
**Apparent Cause:** PEOPLE  
**Facility Mgr:** Joe Pestovich  
**DOE Categorization:** Not Applicable  
**Occurrence Rpt. No.:**  
**Responsible Mgr.:** Gary Chandler  
**Responsible Dir.:** Mark Ferri  
**Target Date:** 11/21/2002 12:00:00 AM  
**Corrective Actions:** The individual self-reported which was the proper response. Both individuals were referred to External Dosimetry and were cleared to re-enter the back areas.  
**PATS No.:** N/A  
**Comments:**

#### Rad Protection Site Links

- [➤ Radiation Protection](#)
- [➤ Alpha Group](#)
- [➤ Briefings](#)
- [➤ Calc Log](#)
- [➤ Databases](#)
- [➤ Documents](#)
- [➤ Final Surveys](#)
- [➤ Forms](#)
- [➤ Mission](#)
- [➤ Procurement](#)
- [➤ TBD Log](#)
- [➤ Training](#)
- [➤ Video Library](#)

#### Database Links

- [➤ Create RIR](#)
- [➤ Radiation Generating Devices \(RGD\)](#)
- [➤ Sealed Radioactive Sources \(SRS\)](#)

#### Contact

**McGinley, Pam**  
 Webmaster  
 PHONE: x6818  
 PAGER (303) 212-5374

**Savitz, Kenneth R**  
 Alternate Webmaster  
 PHONE: x4686  
 PAGER: (303) 212-4443

Tuesday, August 03, 2004 11:06:00 AM

[Portal Directory](#) [Portal Search](#) [Portal Sitemap](#)**Radiation Protection  
Radiological Improvement Reports (RIR)**Welcome,  
Steve Trujillo[Home](#) [Back](#) < [Create RIR](#)[Home](#) > [Databases](#) > [Radiological Improvement Reports \(RIR\)](#)**Radiological Improvement Report Details**

**RIR No.:** 02-238

**Originator:**

**Project:** 707/76/777

**Date Entered:** 11/6/2002 1:46:00 PM

**Event Date:** 11/5/2002 1:50:00 PM

**Status:** CLOSED

**Date Closed:** 11/18/2002 12:00:00 AM

**Building:** 707

**Location:** Bldg 707 C-module Glove Box C-25

**Description:** Contamination was found on hands and forearms of three individuals working in glove box C-25. Several gloves were found with holes and contamination. Contamination levels on personnel were from 3 k dpm to 40 k dpm.

**RS Supervisor:** Letty N. Cooper

**Immediate Corrective Action:** Contained and controlled contamination on personnel involved and isolated contaminated glove box gloves, changed gloves and completed potential intake factor worksheets, were all <1.

**Primary Event Code:** 0-F

**Secondary Event Codes:** 0-G

**Apparent Cause:** PEOPLE

**Facility Mgr:** Joe Pestovich

**DOE Categorization:** Not Applicable

**Occurrence Rpt. No.:**

**Responsible Mgr.:** Gary Chandler

**Responsible Dir.:** Mark Ferri

**Target Date:** 12/6/2002 12:00:00 AM

**Corrective Actions:** Personnel were briefed by RCT Supervisor on attention to detail when moving heavy items through gloveboxes and care when handling items within gloveboxes.

**PATS No.:** N/A

**Comments:**

**Rad Protection Site Links**

- [➤ Radiation Protection](#)
- [➤ Alpha Group](#)
- [➤ Briefings](#)
- [➤ Calc Log](#)
- [➤ Databases](#)
- [➤ Documents](#)
- [➤ Final Surveys](#)
- [➤ Forms](#)
- [➤ Mission](#)
- [➤ Procurement](#)
- [➤ TBD Log](#)
- [➤ Training](#)
- [➤ Video Library](#)

**Database Links**

- [➤ Create RIR](#)
- [➤ Radiation Generating Devices \(RGD\)](#)
- [➤ Sealed Radioactive Sources \(SRS\)](#)

**Contact**

**McGinley, Pam**  
Webmaster  
PHONE: x6818  
PAGER: (303) 212-5374

**Savitz, Kenneth R**  
Alternate Webmaster  
PHONE: x4686  
PAGER: (303) 212-4443

**Radiation Protection  
Radiological Improvement Reports (RIR)**

Welcome,  
Steve Trujillo

[Home](#) [Back](#) [Create RIR](#)

Home > Databases > Radiological Improvement Reports (RIR)

**Radiological Improvement Report Details**

<b>RIR No.:</b>	02-260
<b>Originator:</b>	
<b>Project:</b>	70717761777
<b>Date Entered:</b>	11/27/2002 10:49:00 AM
<b>Event Date:</b>	11/26/2002 2:50:00 PM
<b>Status:</b>	CLOSED
<b>Date Closed:</b>	12/11/2002 12:00:00 AM
<b>Building:</b>	707
<b>Location:</b>	Module B, glove box B-70
<b>Description:</b>	While working in glove box B-70, a worker noticed a hole the size of a soft ball in glove. The RCT surveyed around hole and pegged out his instrument. Worker's arm was contained in plastic bag and sleeve of anti-cs cut off. Worker was sent to step off pad after full body frisk showed no other contamination. Full body frisk at step off pad indicated skin contamination of 2,880 dpm on forearm, 786 dpm on elbow, and 180 dpm under left arm pit. Contained and escorted worker to decon room. Upon second decon worker showed <94 dpm. PIF=1.9. Nasal/mouth swabs completed. Notifications made.
<b>RS Supervisor</b>	Letty Cooper
<b>Immediate Corrective Action:</b>	Glove was contained and controlled under plastic. RSIR & RIR written. Glove was later changed and upon resurvey, <250 dpm. Individual was sent to internal dosimetry to be issued a bio-assay kit.
<b>Primary Event Code:</b>	H
<b>Secondary Event Codes:</b>	
<b>Apparent Cause:</b>	EQUIPMENT
<b>Facility Mgr:</b>	Tim Harney
<b>DOE Categorization:</b>	Completed
<b>Occurrence Rpt. No.:</b>	2002-0488
<b>Responsible Mgr.:</b>	Gary Chandler
<b>Responsible Dir.:</b>	Mark Ferri
<b>Target Date:</b>	12/27/2002 12:00:00 AM
<b>Corrective Actions:</b>	Response to the tom glove was appropriate and timely. Nasal/mouth swabs were less than decision level. The glove was changed. Follow-up bioassay will be in accordance with internal dosimetry procedures and fecal sample results.
<b>PATS No.:</b>	N/A
<b>Comments:</b>	

**Rad Protection Site Links**

- [➤ Radiation Protection](#)
- [➤ Alpha Group](#)
- [➤ Briefings](#)
- [➤ Calc Log](#)
- [➤ Databases](#)
- [➤ Documents](#)
- [➤ Final Surveys](#)
- [➤ Forms](#)
- [➤ Mission](#)
- [➤ Procurement](#)
- [➤ TBD Log](#)
- [➤ Training](#)
- [➤ Video Library](#)

**Database Links**

- [➤ Create RIR](#)
- [➤ Radiation Generating Devices \(RGD\)](#)
- [➤ Sealed Radioactive Sources \(SRS\)](#)

**Contact**

**McGinley, Pam**  
 Webmaster  
 PHONE: x6818  
 PAGER: (303) 212-5374

**Savitz, Kenneth R**  
 Alternate Webmaster  
 PHONE: x4686  
 PAGER: (303) 212-4443



Tuesday, August 03, 2004 11:07:22 AM

Portal Directory Portal Search Portal Sitemap

## Radiation Protection Radiological Improvement Reports (RIR)

Welcome,  
Steve Trujillo
[Home](#) [Back](#) < [Create RIR](#)

Home &gt; Databases &gt; Radiological Improvement Reports (RIR)

### Radiological Improvement Report Details

**RIR No.:** 02-266  
**Originator:**  
**Project:** 707/776/777  
**Date Entered:** 12/3/2002 3:19:00 PM  
**Event Date:** 12/3/2002 1:40:00 PM  
**Status:** CLOSED  
**Date Closed:** 12/12/2002 12:00:00 AM  
**Building:** 707  
**Location:** Module C glove box C-45  
**Description:** While doing D&D operations in glove box C-45, workers were self monitoring coming out of glove box gloves. One worker was identified with 100,000 dpm on his anti-contamination clothing, and another worker was identified with 5,000 dpm on his anti-contamination clothing. Both workers were in respiratory protection and Potential Intake Factors = 1 for worker with 100 K on coveralls. Three gloves were found to have holes in them and were changed immediately.  
**RS Supervisor:** Letty N. Cooper  
**Immediate Corrective Action:** D & D worker with the Level 1 PIF sent to Internal Dosimetry for follow up. Three gloves were found with from 500 dpm to 100K dpm and three holes. Gloves were immediately changed. Nasal/Mouth Swabs were taken on individual with 100K dpm on coveralls and sent to lab. No other contamination indicated.  
**Primary Event Code:** ○  
**Secondary Event Codes:**  
**Apparent Cause:** EQUIPMENT  
**Facility Mgr:** John Pestovich  
**DOE Categorization:** Not Applicable  
**Occurrence Rpt. No.:**  
**Responsible Mgr.:** Gary Chandler  
**Responsible Dir.:** Mark Ferri  
**Target Date:** 1/2/2003 12:00:00 AM  
**Corrective Actions:** Response to the failed glove and identified contamination was in accordance with procedural requirements and good radiological practices. Results from nasal/mouth swabs were less than decision level. No spread of contamination occurred.  
**PATS No.:** N/A  
**Comments:**

#### Rad Protection Site Links

- [Radiation Protection](#)
- [Alpha Group](#)
- [Briefings](#)
- [Calc Log](#)
- [Databases](#)
- [Documents](#)
- [Final Surveys](#)
- [Forms](#)
- [Mission](#)
- [Procurement](#)
- [TBD Log](#)
- [Training](#)
- [Video Library](#)

#### Database Links

- [Create RIR](#)
- [Radiation Generating Devices \(RGD\)](#)
- [Sealed Radioactive Sources \(SRS\)](#)

#### Contact

**McGinley, Pam**  
 Webmaster  
 PHONE: x6818  
 PAGER: (303) 212-5374

**Savitz, Kenneth R**  
 Alternate Webmaster  
 PHONE: x4686  
 PAGER: (303) 212-4443

Tuesday, August 03 2004 11:07:56 AM

[Portal Directory](#) [Portal Search](#) [Portal Sitemap](#)**Radiation Protection  
Radiological Improvement Reports (RIR)**Welcome,  
Steve Trujillo[Home](#) [Back](#) < [Create RIR](#)[Home](#) > [Databases](#) > [Radiological Improvement Reports \(RIR\)](#)**Radiological Improvement Report Details**

**RIR No.:** 02-269  
**Originator:**  
**Project:** 707/76/777  
**Date Entered:** 12/10/2002 10:10:00 AM  
**Event Date:** 12/10/2002 9:15:00 AM  
**Status:** CLOSED  
**Date Closed:** 12/16/2002 12:00:00 AM  
**Building:** 707  
**Location:** Module C Line 45  
**Description:** While performing D&D activities with a sawzall, the vibration apparently rubbed a small hole in a glovebox glove. RCTs were immediately notified and performed whole body monitoring with 1,000,000 dpm discovered on the right forearm (tyvek only) of one individual. No detectable contamination was discovered on Anti-C or modesty clothing. PIF calculations performed with results of 10.0 for clothing and 0.06 for airborne, which classifies the individual as a level 2 potential intake. The glove in question was immediately changed with no area contamination detected. Nasal/Mouth swabs were taken and the individual referred to Internal Dosimetry.

**RS Supervisor** Roy Ranta  
**Immediate**  
**Corrective**  
**Action:** Nasal/mouth smears were taken. The individual was referred to Internal Dosimetry for follow-up. The RCTs stripped the individual's tyvek coverall top and contained it within the glove.

**Primary Event**  
**Code:** 0  
**Secondary Event**  
**Codes:**  
**Apparent Cause:** EQUIPMENT  
**Facility Mgr:** Tim Harney  
**DOE**  
**Categorization:** Not Applicable  
**Occurrence Rpt.**  
**No.:**  
**Responsible**  
**Mgr.:** Gary Chandler  
**Responsible Dir.:** Mark Ferri  
**Target Date:** 1/9/2003 12:00:00 AM  
**Corrective**  
**Actions:** Response to the glove failure was excellent. No spread of contamination occurred. Nasal/mouth smear results were  
**PATS No.:** N/A  
**Comments:**

**Rad Protection Site Links**

- [Radiation Protection](#)
- [Alpha Group](#)
- [Briefings](#)
- [Calc Log](#)
- [Databases](#)
- [Documents](#)
- [Final Surveys](#)
- [Forms](#)
- [Mission](#)
- [Procurement](#)
- [TBD Log](#)
- [Training](#)
- [Video Library](#)

**Database Links**

- [Create RIR](#)
- [Radiation Generating Devices \(RGD\)](#)
- [Sealed Radioactive Sources \(SRS\)](#)

**Contact**

**McGinley, Pam**  
 Webmaster  
 PHONE: x6818  
 PAGER: (303) 212-5374

**Savitz, Kenneth R**  
 Alternate Webmaster  
 PHONE: x4686  
 PAGER (303) 212-4443

Tuesday August 03, 2004 11:09:37 AM

Portal Directory Portal Search Portal Sitemap

## Radiation Protection Radiological Improvement Reports (RIR)

Welcome,  
Steve Trujillo

Home Back &lt; Create RIR

Home &gt; Databases &gt; Radiological Improvement Reports (RIR)

### Radiological Improvement Report Details

**RIR No.:** 02-291

**Originator:**

**Project:** 707/76/777

**Date Entered:** 12/27/2002 10:32:00 AM

**Event Date:** 12/27/2002 9:40:00 AM

**Status:** CLOSED

**Date Closed:** 1/6/2003 12:00:00 AM

**Building:** 707

**Location:** Module B

**Description:** While working in gloves and starting to perform glovebox bag-in operations, an individual reached in to get bag and in doing so noticed a cut in the bag. This permitted contamination of the individual's right hand glove with levels of 1,400,000 dpm (400,000 dpm was also discovered on outer tyvek sleeve). General area contamination surveys indicated levels of 120,000 dpm on the floor beneath the gloveport. RCT's removed the contaminated clothing and resurveyed the individual (no detectable contamination on inner anti-c clothing, modesty clothing or skin). A PIF was calculated to be 14.0, which is classified as a level 2 potential intake. The individual was restricted from work and referred to internal dosimetry for further evaluation.

**RS Supervisor:** Greg Osburn

**Immediate Corrective Action:** RCTs removed the contaminated glove from the individual's hand. The bag was changed and surveys were performed. PI calculations were performed. Nasal/mouth swipes were taken and sent to Internal Dosimetry.

**Primary Event Code:** O-G

**Secondary Event Codes:**

**Apparent Cause:** EQUIPMENT

**Facility Mgr:** John Pestovich

**DOE Categorization:** Not Applicable

**Occurrence Rpt. No.:**

**Responsible Mgr.:** Gary Chandler

**Responsible Dir.:** Mark Ferri

**Target Date:** 1/26/2003 12:00:00 AM

**Corrective Actions:** Nasal/mouth swabs were less than decision level. Lung count was less than decision level. Fecal samples have been submitted to the laboratory. Restriction lifted. Follow-up sampling will be in accordance with Internal Dosimetry procedures. No further action taken.

**PATS No.:** N/A

**Comments:**

#### Rad Protection Site Links

- Radiation Protection
- Alpha Group
- Briefings
- Calc Log
- Databases
- Documents
- Final Surveys
- Forms
- Mission
- Procurement
- TBD Log
- Training
- Video Library

#### Database Links

- Create RIR
- Radiation Generating Devices (RGD)
- Sealed Radioactive Sources (SRS)

#### Contact

**McGinley, Pam**  
Webmaster  
PHONE: x6818  
PAGER: (303) 212-5374

**Savitz, Kenneth R**  
Alternate Webmaster  
PHONE: x4686  
PAGER: (303) 212-4443

**Radiation Protection  
Radiological Improvement Reports (RIR)**

Welcome,  
Steve Trujillo

Home Back < Create RIR

Home > Databases > Radiological Improvement Reports (RIR)

**Radiological Improvement Report Details**

**RIR No.:** 03-043  
**Originator:**  
**Project:** 707/776/777  
**Date Entered:** 2/28/2003 1:42:00 PM  
**Event Date:** 2/27/2003 8:45:00 AM  
**Status:** CLOSED  
**Date Closed:** 3/4/2003 12:00:00 AM  
**Building:** 707  
**Location:** Module C, glove box C-25B  
**Description:** While sandblasting inside glovebox C-25B of module C, CAM #23 alarmed and within 10 minutes CAM #22 also alarmed. AP-2 reading showed 291 counts Pu on CAM #23 and 41 counts Pu on CAM #22. One worker had 15,000 dpm on outside of Full Face respirator and 500 dpm on anti-contamination clothing. No point source was used on glove box gloves while sandblasting in process. Pre-evolution brief stressed the need to use a point source on gloves while sandblasting was going on. Contamination found on gloves and floor where sandblasting occurred with contamination levels up to 200,000 dpm found on gloves and 10,000 dpm on floor.  
**RS Supervisor:** Letty Cooper  
**Immediate Corrective Action:** Air sample from work area showed 22.5 DAC. Area surveyed and deconned to <250 dpm, contaminated gloves changed on glove box, all survey areas <250 dpm. PIF <1. Glove change air sample was 27.3 DAC. CAM filters changed and CAMs reset. The need to use point source stressed to all crew members.  
**Primary Event Code:** O-G  
**Secondary Event Codes:**  
**Apparent Cause:** PEOPLE  
**Facility Mgr:** Joe Pestovich  
**DOE Categorization:** Not Applicable  
**Occurrence Rpt. No.:**  
**Responsible Mgr.:** Gary Chandler  
**Responsible Dir.:** Mark Ferri  
**Target Date:** 3/30/2003 12:00:00 AM  
**Corrective Actions:** Personnel responded appropriately to the alarm condition. The area was decontaminated and released back to a CA status. The D & D Supervisor spoke to the work crew on attention to detail regarding performance of work in accordance with the pre-evolution briefing.  
**PATS No.:** N/A  
**Comments:**

**Rad Protection Site Links**

- Radiation Protection
- Alpha Group
- Briefings
- Calc Log
- Databases
- Documents
- Final Surveys
- Forms
- Mission
- Procurement
- TBD Log
- Training
- Video Library

**Database Links**

- Create RIR
- Radiation Generating Devices (RGD)
- Sealed Radioactive Sources (SRS)

**Contact**

**McGinley, Pam**  
 Webmaster  
 PHONE: x6818  
 PAGER: (303) 212-5374

**Savitz, Kenneth R**  
 Alternate Webmaster  
 PHONE: x4686  
 PAGER: (303) 212-4443

Tuesday, August 03, 2004 11:13:51 AM

Portal Directory Portal Search Portal Sitemap

## Radiation Protection Radiological Improvement Reports (RIR)

Welcome,  
Steve Trujillo

Home Back &lt; Create RIR

Home &gt; Databases &gt; Radiological Improvement Reports (RIR)

### Radiological Improvement Report Details

<b>RIR No.:</b>	03-077
<b>Originator:</b>	
<b>Project:</b>	707/776/777
<b>Date Entered:</b>	4/14/2003 1:40:00 PM
<b>Event Date:</b>	4/14/2003 8:15:00 AM
<b>Status:</b>	CLOSED
<b>Date Closed:</b>	4/21/2003 12:00:00 AM
<b>Building:</b>	707
<b>Location:</b>	Module A
<b>Description:</b>	D & D worker walked into area posted as ARA without respiratory protection. Upon questioning, worker said he did not see flashing lights that are used to warn that module is posted as ARA.
<b>RS Supervisor</b>	Greg Osburn
<b>Immediate Corrective Action:</b>	Sent person out of module A. Had RCTs run a high volume air sample to determine PIF. DAC was 2.8 and PIF=.008. RIR generated. Had supervisor of D&D crew review radiological postings and their requirement and generate training roster.
<b>Primary Event Code:</b>	J
<b>Secondary Event Codes:</b>	
<b>Apparent Cause:</b>	PEOPLE
<b>Facility Mgr:</b>	J. M. Clora
<b>DOE Categorization:</b>	Not Applicable
<b>Occurrence Rpt. No.:</b>	
<b>Responsible Mgr.:</b>	Gary Chandler
<b>Responsible Dir.:</b>	Mark Ferri
<b>Target Date:</b>	5/14/2003 12:00:00 AM
<b>Corrective Actions:</b>	The individual's TLD was pulled. The individual was counseled regarding attention to detail and focus on the work environment. The job supervisor briefed the entire crew about reading and complying with postings. A safety pause was conducted 04/17/2003 and included this topic.
<b>PATS No.:</b>	
<b>Comments:</b>	

#### Rad Protection Site Links

- Radiation Protection
- Alpha Group
- Briefings
- Calc Log
- Databases
- Documents
- Final Surveys
- Forms
- Mission
- Procurement
- TBD Log
- Training
- Video Library

#### Database Links

- Create RIR
- Radiation Generating Devices (RGD)
- Sealed Radioactive Sources (SRS)

#### Contact

**McGinley, Pam**  
Webmaster  
PHONE: x8818  
PAGER: (303) 212-5374

**Savitz, Kenneth R**  
Alternate Webmaster  
PHONE: x4686  
PAGER: (303) 212-4443

Tuesday, August 03, 2004 11:14:59 AM

Portal Directory Portal Search Portal Sitemap

## Radiation Protection Radiological Improvement Reports (RIR)

Welcome,  
Steve Trujillo
[Home](#) [Back](#) < [Create RIR](#)

Home &gt; Databases &gt; Radiological Improvement Reports (RIR)

### Radiological Improvement Report Details

**RIR No.:** 03-130  
**Originator:**  
**Project:** 707/776/777  
**Date Entered:** 6/2/2003 7:10:00 AM  
**Event Date:** 5/29/2003 1:00:00 PM  
**Status:** CLOSED  
**Date Closed:** 6/3/2003 12:00:00 AM  
**Building:** 707  
**Location:** 707 TLD Storage Board  
**Description:** Individual placed his TLD on the storage board prior to lunch. After lunch, individual discovered his TLD missing. A building announcement was made to ensure someone had not taken the wrong TLD by mistake. The building CCA was notified and an investigation initiated. A Lost/Stolen/Damaged Dosimeter Form was initiated and the individual was sent to external dosimetry. External Dosimetry issued a new TLD and allowed the individual to return to work. As of 6/2/03, the TLD in question has not been found.  
**RS Supervisor:** R. A. Ranta  
**Immediate Corrective Action:** As stated in description.  
**Primary Event Code:** O-P  
**Secondary Event Codes:**  
**Apparent Cause:** OTHER  
**Facility Mgr:** M. Casey  
**DOE Categorization:** Not Applicable  
**Occurrence Rpt. No.:**  
**Responsible Mgr.:** Gary Chandler  
**Responsible Dir.:** Mark Ferri  
**Target Date:** 7/2/2003 12:00:00 AM  
**Corrective Actions:** The worker notified supervision, as expected. All actions were timely. No further actions are recommended.  
**PATS No.:**  
**Comments:**

#### Rad Protection Site Links

- [Radiation Protection](#)
- [Alpha Group](#)
- [Briefings](#)
- [Calc Log](#)
- [Databases](#)
- [Documents](#)
- [Final Surveys](#)
- [Forms](#)
- [Mission](#)
- [Procurement](#)
- [TBD Log](#)
- [Training](#)
- [Video Library](#)

#### Database Links

- [Create RIR](#)
- [Radiation Generating Devices \(RGD\)](#)
- [Sealed Radioactive Sources \(SRS\)](#)

#### Contact

**McGinley, Pam**  
 Webmaster  
 PHONE: x6818  
 PAGER: (303) 212-5374

**Savitz, Kenneth R**  
 Alternate Webmaster  
 PHONE: x4686  
 PAGER: (303) 212-4443

Tuesday August 03, 2004 11:16:25 AM

Portal Directory Portal Search Portal Sitemap

## Radiation Protection Radiological Improvement Reports (RIR)

Welcome,  
Steve Trujillo

Home Back &lt; Create RIR

Home &gt; Databases &gt; Radiological Improvement Reports (RIR)

### Radiological Improvement Report Details

**RIR No.:** 03-196  
**Originator:** -  
**Project:** 707/776/777  
**Date Entered:** 10/28/2003 12:07:00 PM  
**Event Date:** 10/25/2003 1:30:00 PM  
**Status:** CLOSED  
**Date Closed:** 11/25/2003 12:00:00 AM  
**Building:** 707  
**Location:** K-module  
**Description:** Positive CAM without appropriate respiratory protection. Workers were in PAPRs but the working DAC was approximately 2,100 DAC. While cutting exhaust duct, contamination became airborne causing positive CAM and 5k dpm on floor and lift. 50k dpm on top of filter box.  
**RS Supervisor:** Greg Osburn  
**Immediate Corrective Action:** Evacuated Module K. Pulled air sample which was 7 DAC. Decontaminated area.  
**Primary Event Code:** I  
**Secondary Event Codes:** K  
**Apparent Cause:** TBD  
**Facility Mgr:** John Auxier  
**DOE Categorization:** Not Applicable  
**Occurrence Rpt. No.:**  
**Responsible Mgr.:** Terry Vaughn  
**Responsible Dir.:** Dieter  
**Target Date:** 11/27/2003 12:00:00 AM  
**Corrective Actions:** Move the waste crates into a position to avoid moving contaminated items several times.  
**PATS No.:**  
**Comments:**

#### Rad Protection Site Links

- Radiation Protection
- Alpha Group
- Briefings
- Calc Log
- Databases
- Documents
- Final Surveys
- Forms
- Mission
- Procurement
- TBD Log
- Training
- Video Library

#### Database Links

- Create RIR
- Radiation Generating Devices (RGD)
- Sealed Radioactive Sources (SRS)

#### Contact

**McGinley, Pam**  
 Webmaster  
 PHONE: x6818  
 PAGER: (303) 212-5374

**Savitz, Kenneth R**  
 Alternate Webmaster  
 PHONE: x4686  
 PAGER: (303) 212-4443

Radiation Protection  
Radiological Improvement Reports (RIR)

Welcome,  
Steve Trujillo

Home Back < Create RIR

Home > Databases > Radiological Improvement Reports (RIR)

### Radiological Improvement Report Details

<b>RIR No.:</b>	04-026
<b>Originator:</b>	
<b>Project:</b>	7071776/777
<b>Date Entered:</b>	3/20/2004 6:09:00 AM
<b>Event Date:</b>	3/18/2004 3:15:00 PM
<b>Status:</b>	CLOSED
<b>Date Closed:</b>	6/8/2004 12:00:00 AM
<b>Building:</b>	707
<b>Location:</b>	Room 210
<b>Description:</b>	After exiting the step off pad and clearing the PCM2, an RCT noticed a small spot of blood on the workers right arm. RCT then notified Rad. Ops supervision.
<b>RS Supervisor</b>	James Bartlett
<b>Immediate Corrective Action:</b>	Survey of wound area at Building 707 step off pad was less than MDA. Worker was transported to Occupational Medicine for wound count. Wound count results were positive. (See Occupational Medicine report for survey results.) Worker was suspended from all radiological areas until bioassay and dose assessments have been completed. NOTE: Preliminary dose dated 4/21/04 indicates intake expected in range of 800 to 3000 mrem CEDE; with 1100 mrem as the "best estimate" with the data available. Dose will be refined as data is received.
<b>Primary Event Code:</b>	T
<b>Secondary Event Codes:</b>	O-P
<b>Apparent Cause:</b>	OTHER
<b>Facility Mgr:</b>	Mike Casey
<b>DOE Categorization:</b>	Completed
<b>Occurrence Rpt. No.:</b>	RFO-KHLL-PUFAB-2004-0004
<b>Responsible Mgr.:</b>	T. L. Vaughn
<b>Responsible Dir.:</b>	Pizzuto
<b>Target Date:</b>	4/19/2004 12:00:00 AM
<b>Corrective Actions:</b>	Awaiting bioassay results. Walkdown of work area was completed without determining cause.
<b>PATS No.:</b>	
<b>Comments:</b>	

#### Rad Protection Site Links

- Radiation Protection
- Alpha Group
- Briefings
- Calc Log
- Databases
- Documents
- Final Surveys
- Forms
- Mission
- Procurement
- TBD Log
- Training
- Video Library

#### Database Links

- Create RIR
- Radiation Generating Devices (RGD)
- Sealed Radioactive Sources (SRS)

#### Contact

**McGinley, Pam**  
Webmaster  
PHONE: x6818  
PAGER: (303) 212-5374

**Savitz, Kenneth R**  
Alternate Webmaster  
PHONE: x4686  
PAGER: (303) 212-4443



**BUILDING 779**  
**RADIOLOGICAL**  
**INCIDENT REPORTS**  
**(1998 – 1999)**

520030

**Radiation Protection  
Radiological Improvement Reports (RIR)**

Welcome,  
Steve Trujillo

[Site Back](#) [Create RIR](#)

Home > Databases > Radiological Improvement Reports (RIR)

**Radiological Improvement Report Details**

<b>RIR No.:</b>	98-036
<b>Originator:</b>	
<b>Project:</b>	SSOC
<b>Date Entered:</b>	1/30/1998 12:00:00 AM
<b>Event Date:</b>	1/30/1998 12:00:00 AM
<b>Status:</b>	CLOSED
<b>Date Closed:</b>	2/4/1998 12:00:00 AM
<b>Building:</b>	779
<b>Location:</b>	
<b>Description:</b>	This individual exceeded the Special Control Level (SCL) of 100 mrem for the calendar year. His dose was 103 mrem. An investigation was not performed at the end of the third quarter as required by Rad Engineering procedure 0201.
<b>RS Supervisor</b>	S. B. McNitt
<b>Immediate Corrective Action:</b>	Notifications to Bldg. Management and RCM Mgr.
<b>Primary Event Code:</b>	C7
<b>Secondary Event Codes:</b>	
<b>Apparent Cause:</b>	PERSONNEL/MANAGEMENT SYSTEM/COMMUNICATIONS
<b>Facility Mgr:</b>	E. P. Schweinsberg
<b>DOE Categorization:</b>	Completed
<b>Occurrence Rpt. No.:</b>	98-045
<b>Responsible Mgr.:</b>	K. E. Harrawood
<b>Responsible Dir.:</b>	R. Bacon
<b>Target Date:</b>	3/1/1998 12:00:00 AM
<b>Corrective Actions:</b>	A fact finding meeting was held on 2/2/98. The following actions resulted from that meeting: 1.) RSP 02.01 will be revised to change the trigger point to 90% for SCLs. 2.) The SCL is being evaluated by the RCM Manager and will be changed to a higher number (probably 200 mrem/hr). 3.) A RadCon Flash is being generated. 4.) the D&D Mgr. and Responsible Mgr. have reviewed the site listing of personnel on the 100 mrem restricted list to ensure that all individuals in bldg. 779 are being tracked appropriately.
<b>PATS No.:</b>	
<b>Comments:</b>	

**Rad Protection Site Links**

- [➤ Radiation Protection](#)
- [➤ Alpha Group](#)
- [➤ Briefings](#)
- [➤ Calc Log](#)
- [➤ Databases](#)
- [➤ Documents](#)
- [➤ Final Surveys](#)
- [➤ Forms](#)
- [➤ Mission](#)
- [➤ Procurement](#)
- [➤ TBD Log](#)
- [➤ Training](#)
- [➤ Video Library](#)

**Database Links**

- [➤ Create RIR](#)
- [➤ Radiation Generating Devices \(RGD\)](#)
- [➤ Sealed Radioactive Sources \(SRS\)](#)

**Contact**

**McGinley, Pam**  
Webmaster  
PHONE: x6818  
PAGER: (303) 212-5374

**Savitz, Kenneth R**  
Alternate Webmaster  
PHONE: x4686  
PAGER: (303) 212-4443

Monday, July 19, 2004 11:48:01 AM

Portal Directory Portal Search Portal Sitemap

## Radiation Protection Radiological Improvement Reports (RIR)

Welcome,  
Steve Trujillo
[Home](#) [Back](#) < [Create RIR](#)

Home &gt; Databases &gt; Radiological Improvement Reports (RIR)

### Radiological Improvement Report Details

<b>RIR No.:</b>	98-099
<b>Originator:</b>	
<b>Project:</b>	SSOC
<b>Date Entered:</b>	3/11/1998 12:00:00 AM
<b>Event Date:</b>	3/11/1998 12:00:00 AM
<b>Status:</b>	CLOSED
<b>Date Closed:</b>	3/17/1998 12:00:00 AM
<b>Building:</b>	779
<b>Location:</b>	
<b>Description:</b>	The listed employee received a small cut on his left index finger at knuckle from a screwdriver in the CA
<b>RS Supervisor</b>	J.Harris
<b>Immediate Corrective Action:</b>	Surveyed the wound using an Electra. No contamination detected; sent employee to medical for a wound count; the first count was suspect; second count was performed and was also suspect which is positive wound; wound was washed; new background was established with new instrument; result background. Employee given a 24 hr Bioassay Sample.
<b>Primary Event Code:</b>	A2
<b>Secondary Event Codes:</b>	
<b>Apparent Cause:</b>	PERSONNEL
<b>Facility Mgr:</b>	T. R. Hergert
<b>DOE Categorization:</b>	Completed
<b>Occurrence Rpt. No.:</b>	98-0135
<b>Responsible Mgr.:</b>	R. T. VonFeldt
<b>Responsible Dir.:</b>	R. Bacon
<b>Target Date:</b>	4/10/1998 12:00:00 AM
<b>Corrective Actions:</b>	A fact finding meeting was held to discuss the injury, corrective actions included on donning new leather gloves allowing personnel more flexibility and reemphasis on proper use of PPE. The piece of equipment that was being disassembled when injury received did not need to be taken apart, therefore, in the future, these items will be disposed of as low level waste.
<b>PATS No.:</b>	
<b>Comments:</b>	

#### Rad Protection Site Links

- [Radiation Protection](#)
- [Alpha Group](#)
- [Briefings](#)
- [Calc Log](#)
- [Databases](#)
- [Documents](#)
- [Final Surveys](#)
- [Forms](#)
- [Mission](#)
- [Procurement](#)
- [TBD Log](#)
- [Training](#)
- [Video Library](#)

#### Database Links

- [Create RIR](#)
- [Radiation Generating Devices \(RGD\)](#)
- [Sealed Radioactive Sources \(SRS\)](#)

#### Contact

**McGinley, Pam**  
Webmaster  
PHONE: x6818  
PAGER: (303) 212-5374

**Savitz, Kenneth R**  
Alternate Webmaster  
PHONE: x4686  
PAGER: (303) 212-4443

Monday, July 19, 2004 11:53:39 AM

Portal Directory Portal Search Portal Sitemap

Welcome,  
Steve TrujilloRadiation Protection  
Radiological Improvement Reports (RIR)[Home](#) [Back](#) [Create RIR](#)[Home](#) > [Databases](#) > [Radiological Improvement Reports \(RIR\)](#)

## Radiological Improvement Report Details

**RIR No.:** 98-360  
**Originator:**  
**Project:** SSOC  
**Date Entered:** 9/3/1998 12:00:00 AM  
**Event Date:** 8/25/1998 12:00:00 AM  
**Status:** CLOSED  
**Date Closed:** 10/7/1998 12:00:00 AM  
**Building:** 779  
**Location:** Room 157  
**Description:** While size reducing Glovebox 4933 in room 157 containment tent (HCA), a spill of radioactive material occurred which caused airborne levels to reach 872,600 DAC.  
**RS Supervisor:** S. McNitt  
**Immediate Corrective Action:** Work was stopped, began egress out of the 1st then; highest exposed individual 0.02 DAC/hrs.  
**Primary Event Code:** B5  
**Secondary Event Codes:**  
**Apparent Cause:** MANAGEMENT SYSTEM/EQUIPMENT  
**Facility Mgr:** T. Hergent  
**DOE Categorization:** Not Applicable  
**Occurrence Rpt. No.:**  
**Responsible Mgr.:** R. VonFeldt  
**Responsible Dir.:** R. Bacon  
**Target Date:** 9/24/1998 12:00:00 AM  
**Corrective Actions:** A corrective action plan was developed to modify the ventilation in the SSC; plan also included decontamination of the SSC. Piping from Zone 1A from room 155 to 157 was completed 9/22/98. Prior to size reduction, the crew that removes a glovebox identifies and tags all lines, instituted 9/8/98.  
**PATS No.:**  
**Comments:** Returned by RIR Administrator 9/8/98. Per D. Harward, this RIR is a programmatic issue that belongs to K. Harrawood. Changed from RMRS to SSOC 9/28/98. pkm Returned by RIR Administrator 9/30/98. Letter sent by R. VonFeldt indicated Corrective Actions, but not completion. Left audix with K. Harrawood to call 9/30/98. Pkm Per Ken Harrawood all corrective actions were completed. The job is complete and the tent is decommissioned and will soon be taken down.

## Rad Protection Site Links

- Radiation Protection
- Alpha Group
- Briefings
- Calc Log
- Databases
- Documents
- Final Surveys
- Forms
- Mission
- Procurement
- TBD Log
- Training
- Video Library

## Database Links

- Create RIR
- Radiation Generating Devices (RGD)
- Sealed Radioactive Sources (SRS)

## Contact

**McGinley, Pam**  
 Webmaster  
 PHONE: x6818  
 PAGER: (303) 212-5374

**Savitz, Kenneth R**  
 Alternate Webmaster  
 PHONE: x4686  
 PAGER: (303) 212-4443

Monday, July 19, 2004 11:55:43 AM

Portal Directory Portal Search Portal Sitemap

Welcome,  
Steve TrujilloRadiation Protection  
Radiological Improvement Reports (RIR)[Home](#) [Back](#) [Create RIR](#)[Home](#) > [Databases](#) > [Radiological Improvement Reports \(RIR\)](#)

## Radiological Improvement Report Details

**RIR No.:** 98-329

**Originator:**

**Project:** RMRS

**Date Entered:** 8/20/1998 12:00:00 AM

**Event Date:** 8/18/1998 12:00:00 AM

**Status:** CLOSED

**Date Closed:** 10/13/1998 12:00:00 AM

**Building:** 779

**Location:** Room 150

**Description:** During size reduction activities a wound on left palm was discovered. Surveying the area, 2500 dpm/100 cm2 was discovered. After the glove was removed 620 dpm/100 cm2 on the wound was found. The wound was re-contained and the individual was transported to medical for decon and treatment.

**RS Supervisor** J. Harris

**Immediate Corrective Action:** Wound was contained and the individual was transported to Occupational Medicine. After the first attempt of decon the wound was < MDA using an Electra and counted using the SRM-200 and confirmed positive, equating to 12 nCi. After the second decon attempt using the SRM-200 the wound showed 9 nCi.

**Primary Event Code:** A2

**Secondary Event Codes:** B4

**Apparent Cause:** PERSONNEL/EQUIPMENT

**Facility Mgr:** E. Schweinsberg

**DOE Categorization:** Completed

**Occurrence Rpt. No.:** 98-0511

**Responsible Mgr.:** VonFeldt

**Responsible Dir.:** A. Crawford

**Target Date:** 9/17/1998 12:00:00 AM

**Corrective Actions:** Determine corrective actions and promulgate to necessary personnel.

**PATS No.:** 1998-001335

**Comments:** Per Responsible Mgr. he is attempting to resolve close-out issues today. 9/28/98. Pkm RIR is being tracked by Occurrence Report #1998-001270. Per Don Harward delete violation code, it is not related to the primary event code. 11/24/98 pkm

## Rad Protection Site Links

- [Radiation Protection](#)
- [Alpha Group](#)
- [Briefings](#)
- [Calc Log](#)
- [Databases](#)
- [Documents](#)
- [Final Surveys](#)
- [Forms](#)
- [Mission](#)
- [Procurement](#)
- [TBD Log](#)
- [Training](#)
- [Video Library](#)

## Database Links

- [Create RIR](#)
- [Radiation Generating Devices \(RGD\)](#)
- [Sealed Radioactive Sources \(SRS\)](#)

## Contact

**McGinley, Pam**  
Webmaster  
PHONE: x6818  
PAGER: (303) 212-5374

**Savitz, Kenneth R**  
Alternate Webmaster  
PHONE: x4686  
PAGER: (303) 212-4443

## Radiation Protection Radiological Improvement Reports (RIR)

Welcome,  
Steve Trujillo

[Home](#) - [Back](#) - [Create RIR](#)

Home > Databases > Radiological Improvement Reports (RIR)

### Radiological Improvement Report Details

**RIR No.:** 99-020  
**Originator:** - - -  
**Project:** RMRS  
**Date Entered:** 1/25/1999 12:00:00 AM  
**Event Date:** 8/18/1998 12:00:00 AM  
**Status:** CLOSED  
**Date Closed:** 2/16/1999 12:00:00 AM  
**Building:** 779  
**Location:**  
**Description:** This event was reported previously (RIR 98-329). This RIR reports the results of follow-up bioassay sampling. The dose assigned was 2,400 mrem CEDE which exceeds the DOE ACL of 2,000 mrem TEDE.  
**RS Supervisor:** J. Stewart  
**Immediate Corrective Action:** Individual was restricted for remainder of calendar year. Additional follow up bioassay is ongoing.  
**Primary Event Code:** B2  
**Secondary Event Codes:**  
**Apparent Cause:** EQUIPMENT  
**Facility Mgr:** T. R. Hergert  
**DOE Categorization:** Completed  
**Occurrence Rpt. No.:** 98-0511  
**Responsible Mgr.:** K. Harrawood  
**Responsible Dir.:** A. Crawford  
**Target Date:** 2/24/1999 12:00:00 AM  
**Corrective Actions:** Corrective action completion will be documented on original RIR #98-329  
**PATS No.:**  
**Comments:** RMRS PA Screen No. RMRS-99-412 Reference Commitment # 1998-001335. RDR 98-0329 was closed on 10/13/98. bjs Code changed from A2 to B@ per WG Zurliene 2/9/99. Bjs TEDE for year 1998 was 2480 mrem. DAS

#### Rad Protection Site Links

- [Radiation Protection](#)
- [Alpha Group](#)
- [Briefings](#)
- [Calc Log](#)
- [Databases](#)
- [Documents](#)
- [Final Surveys](#)
- [Forms](#)
- [Mission](#)
- [Procurement](#)
- [TBD Log](#)
- [Training](#)
- [Video Library](#)

#### Database Links

- [Create RIR](#)
- [Radiation Generating Devices \(RGD\)](#)
- [Sealed Radioactive Sources \(SRS\)](#)

#### Contact

**McGinley, Pam**  
 Webmaster  
 PHONE: x6818  
 PAGER: (303) 212-5374

**Savitz, Kenneth R**  
 Alternate Webmaster  
 PHONE: x4686  
 PAGER: (303) 212-4443

Monday, July 19, 2004 11:56:27 AM

Portal Directory Portal Search Portal Sitemap

## Radiation Protection Radiological Improvement Reports (RIR)

Welcome,  
Steve Trujillo
[Home](#) [Back](#) [Create RIR](#)

Home &gt; Databases &gt; Radiological Improvement Reports (RIR)

### Radiological Improvement Report Details

**RIR No.:** 98-407

**Originator:**

**Project:** SSOC

**Date Entered:** 10/10/1998 12:00:00 AM

**Event Date:** 10/7/1998 12:00:00 AM

**Status:** CLOSED

**Date Closed:** 10/22/1998 12:00:00 AM

**Building:** 779

**Location:** Room 160

**Description:** During size reduction operations in SSC, airborne levels increase to 61840 DAC (using Ludlum 12-1A) after approximately 1 hr. work. Work was immediately stopped by D&D Supervisor and workers were moved to Safe Area (near egress door). Work practices and possible sources were evaluated by R.S. Supervision. All possible engineering controls and proper work practices were being used. Suspected cause is inaccessible contamination in a support bracket at the top of the box. Sample was recounted using the SAC-4 and showed 48240 DAC.

**RS Supervisor** A. Cain

**Immediate Corrective Action:** Air sample was removed and new sample paper installed. After a 15 minute wait period, the sample was counted showing 3092 DAC. Workers were instructed to use care in working around this bracket and to spray decon solution on the bracket when working near it. RSA granted approval to restart work.

**Primary Event Code:** C7

**Secondary Event Codes:**

**Apparent Cause:** EQUIPMENT

**Facility Mgr:** E. Schweinsberg

**DOE Categorization:** Not Applicable

**Occurrence Rpt. No.:**

**Responsible Mgr.:** R. VonFeldt

**Responsible Dir.:** R. Bacon

**Target Date:** 11/6/1998 12:00:00 AM

**Corrective Actions:** The description of deficiency includes the completion summary. The 779 Rad. Safety authority K. Harrawood concurs.

**PATS No.:**

**Comments:** Returned by RIR Administrator requesting signature by Resp. Mgr. for close out and Apparent Cause Category to be marked. 10/17/98. PKM

#### Rad Protection Site Links

- [# Radiation Protection](#)
- [# Alpha Group](#)
- [# Briefings](#)
- [# Calc Log](#)
- [# Databases](#)
- [# Documents](#)
- [# Final Surveys](#)
- [# Forms](#)
- [# Mission](#)
- [# Procurement](#)
- [# TBD Log](#)
- [# Training](#)
- [# Video Library](#)

#### Database Links

- [# Create RIR](#)
- [# Radiation Generating Devices \(RGD\)](#)
- [# Sealed Radioactive Sources \(SRS\)](#)

#### Contact

**McGinley, Pam**  
Webmaster  
PHONE: x6818  
PAGER: (303) 212-5374

**Savitz, Kenneth R**  
Alternate Webmaster  
PHONE: x4686  
PAGER: (303) 212-4443

Monday, July 19, 2004 11:57:33 AM

Portal Directory Portal Search Portal Sitemap

## Radiation Protection Radiological Improvement Reports (RIR)

Welcome,  
Steve Trujillo
[Home](#) [Back](#) [Create RIR](#)

Home &gt; Databases &gt; Radiological Improvement Reports (RIR)

### Radiological Improvement Report Details

<b>RIR No.:</b>	98-446
<b>Originator:</b>	
<b>Project:</b>	RMRS
<b>Date Entered:</b>	11/4/1998 12:00:00 AM
<b>Event Date:</b>	11/3/1998 12:00:00 AM
<b>Status:</b>	CLOSED
<b>Date Closed:</b>	1/13/1999 12:00:00 AM
<b>Building:</b>	779
<b>Location:</b>	218 GB 970
<b>Description:</b>	While performing a bag out from GB 790 employee received 3000 dpm/100cm <sup>2</sup> skin contamination to his right forearm. Anti-cs were contaminated to 30,000dpm/100cm <sup>2</sup> . While performing bagout employee held bag under arm. Indications are that the bag failed resulting in the C and a +SAAM. Employee was successfully decontaminated in the facility. All PI factors were less than 1.
<b>RS Supervisor</b>	S. B. McNitt
<b>Immediate Corrective Action:</b>	Reentry for survey, decontamination, and inspection of bag will be completed today.
<b>Primary Event Code:</b>	B4
<b>Secondary Event Codes:</b>	B7, B11
<b>Apparent Cause:</b>	PROCEDURE
<b>Facility Mgr:</b>	J. Richter
<b>DOE Categorization:</b>	Completed
<b>Occurrence Rpt. No.:</b>	98-0684
<b>Responsible Mgr.:</b>	R. Cauffield
<b>Responsible Dir.:</b>	C. Crawford
<b>Target Date:</b>	12/2/1998 12:00:00 AM
<b>Corrective Actions:</b>	Developed guidance used by D&D workers performing bag-outs. See attached.
<b>PATS No.:</b>	
<b>Comments:</b>	

#### Rad Protection Site Links

- [➤ Radiation Protection](#)
- [➤ Alpha Group](#)
- [➤ Briefings](#)
- [➤ Calc Log](#)
- [➤ Databases](#)
- [➤ Documents](#)
- [➤ Final Surveys](#)
- [➤ Forms](#)
- [➤ Mission](#)
- [➤ Procurement](#)
- [➤ TBD Log](#)
- [➤ Training](#)
- [➤ Video Library](#)

#### Database Links

- [➤ Create RIR](#)
- [➤ Radiation Generating Devices \(RGD\)](#)
- [➤ Sealed Radioactive Sources \(SRS\)](#)

#### Contact

**McGinley, Pam**  
Webmaster  
PHONE: x6818  
PAGER: (303) 212-5374

**Savitz, Kenneth R**  
Alternate Webmaster  
PHONE: x4686  
PAGER: (303) 212-4443



Monday, July 19, 2004 11:59:00 AM

Portal Directory Portal Search Portal Sitemap

**Radiation Protection  
Radiological Improvement Reports (RIR)**

Welcome,  
Steve Trujillo

[Home](#) [Back](#) [Create RIR](#)

Home > Databases > Radiological Improvement Reports (RIR)

### Radiological Improvement Report Details

**RIR No.:** 98-415  
**Originator:**  
**Project:** SSOC  
**Date Entered:** 10/20/1998 12:00:00 AM  
**Event Date:** 10/12/1998 12:00:00 AM  
**Status:** CLOSED  
**Date Closed:** 10/22/1998 12:00:00 AM  
**Building:** 779  
**Location:** Room 160  
**Description:** During size reduction activities of GB 1363 workers were cutting a vacuum pump line and experienced oxidation of Plutonium Hydride. This caused airborne concentration to increase to 1,000,000 DAC.  
**RS Supervisor** A. Cain  
**Immediate Corrective Action:** Workers moved to safe area. After a 25 minute wait, levels were 9276 DAC. Workers exited.  
**Primary Event Code:** C7  
**Secondary Event Codes:**  
**Apparent Cause:** OTHER  
**Facility Mgr.:** E. Schweinsberg  
**DOE Categorization:** Not Applicable  
**Occurrence Rpt. No.:**  
**Responsible Mgr.:** K. Harrawood  
**Responsible Dir.:** R. Bacon  
**Target Date:** 11/11/1998 12:00:00 AM  
**Corrective Actions:** Building has obtained approval from the AOC to perform GB size reduction in accordance with ALARA Job Review #98-779-002.  
**PATS No.:**  
**Comments:** See attached Mgr. Meeting minutes. See attached letter KEH-031-98. RIR was written for information only, as a way of reporting DAC levels spikes as they arise on the job. RIR closed out per J. Wood. 10/22/98

#### Rad Protection Site Links

- [Radiation Protection](#)
- [Alpha Group](#)
- [Briefings](#)
- [Calc Log](#)
- [Databases](#)
- [Documents](#)
- [Final Surveys](#)
- [Forms](#)
- [Mission](#)
- [Procurement](#)
- [TBD Log](#)
- [Training](#)
- [Video Library](#)

#### Database Links

- [Create RIR](#)
- [Radiation Generating Devices \(RGD\)](#)
- [Sealed Radioactive Sources \(SRS\)](#)

#### Contact

**McGinley, Pam**  
 Webmaster  
 PHONE: x6818  
 PAGER: (303) 212-5374

**Savitz, Kenneth R**  
 Alternate Webmaster  
 PHONE: x4686  
 PAGER: (303) 212-4443

**Radiation Protection  
Radiological Improvement Reports (RIR)**

Welcome,  
Steve Trujillo

[Home](#) [Back](#) [Create RIR](#)

Home > Databases > Radiological Improvement Reports (RIR)

**Radiological Improvement Report Details**

<b>RIR No.:</b>	98-416
<b>Originator:</b>	
<b>Project:</b>	SSOC
<b>Date Entered:</b>	10/20/1998 12:00:00 AM
<b>Event Date:</b>	10/12/1998 12:00:00 AM
<b>Status:</b>	CLOSED
<b>Date Closed:</b>	10/22/1998 12:00:00 AM
<b>Building:</b>	779
<b>Location:</b>	Room 150
<b>Description:</b>	Room 150 SSC exceed RWP Suspension Guidelines for Airborne Concentration, 54,110 DAC. SSC Clean-up evolutions were in progress. Suspected cause was dry sweeping/wiping the floor. (Suspension limit 50,000 DAC RWP 98-779-8049)
<b>RS Supervisor</b>	A. Cain
<b>Immediate Corrective Action:</b>	At 16:45 DAC was 48,090. Workers exited, D&D workers & supervisor discussed actions to prevent (IE using water during clean-up.
<b>Primary Event Code:</b>	C7
<b>Secondary Event Codes:</b>	
<b>Apparent Cause:</b>	OTHER
<b>Facility Mgr:</b>	E. Schweinsberg
<b>DOE Categorization:</b>	Not Applicable
<b>Occurrence Rpt. No.:</b>	
<b>Responsible Mgr.:</b>	K. Harrawood
<b>Responsible Dir.:</b>	R. Bacon
<b>Target Date:</b>	11/11/1998 12:00:00 AM
<b>Corrective Actions:</b>	Building has obtained approval from the AOC to perform GB size reduction in accordance with ALARA Job Review #98-779-002.
<b>PATS No.:</b>	
<b>Comments:</b>	See attached letter KEH-031-98. RIR was written for information only, as a way of reporting DAC levels spikes as they arise on the job. RIR closed out per J. Wood. 10/22/98

**Rad Protection Site Links**

- [Radiation Protection](#)
- [Alpha Group](#)
- [Briefings](#)
- [Calc Log](#)
- [Databases](#)
- [Documents](#)
- [Final Surveys](#)
- [Forms](#)
- [Mission](#)
- [Procurement](#)
- [TBD Log](#)
- [Training](#)
- [Video Library](#)

**Database Links**

- [Create RIR](#)
- [Radiation Generating Devices \(RGD\)](#)
- [Sealed Radioactive Sources \(SRS\)](#)

**Contact**

**McGinley, Pam**  
Webmaster  
PHONE: x6818  
PAGER: (303) 212-5374

**Savitz, Kenneth R**  
Alternate Webmaster  
PHONE: x4686  
PAGER: (303) 212-4443

**Radiation Protection  
Radiological Improvement Reports (RIR)**

Welcome,  
Steve Trujillo

[Home](#) [Back](#) [Create RIR](#)

Home > Databases > Radiological Improvement Reports (RIR)

**Radiological Improvement Report Details**

<b>RIR No.:</b>	98-465
<b>Originator:</b>	
<b>Project:</b>	RMRS
<b>Date Entered:</b>	11/20/1998 12:00:00 AM
<b>Event Date:</b>	11/17/1998 12:00:00 AM
<b>Status:</b>	CLOSED
<b>Date Closed:</b>	1/13/1999 12:00:00 AM
<b>Building:</b>	779
<b>Location:</b>	228 SSC
<b>Description:</b>	While removing exhaust filter from GB 463, A/B Radioactivity levels reached 103,000 DAC. Work was stopped. Filter was changed. DAC was 24,738. Personnel were removed from the tent. Highest DAC/HR exposure assigned was 0.02 DAC/HRS.
<b>RS Supervisor</b>	S. B. McNitt
<b>Immediate Corrective Action:</b>	Evaluated work practices to determine the need for more flow at the source reduction 4".
<b>Primary Event Code:</b>	C7
<b>Secondary Event Codes:</b>	
<b>Apparent Cause:</b>	EQUIPMENT
<b>Facility Mgr:</b>	J. Richter
<b>DOE Categorization:</b>	Not Applicable
<b>Occurrence Rpt. No.:</b>	
<b>Responsible Mgr.:</b>	R. Caufield
<b>Responsible Dir.:</b>	C. Crawford
<b>Target Date:</b>	12/16/1998 12:00:00 AM
<b>Corrective Actions:</b>	Additional 4" air mover installed to increase point source air flow.
<b>PATS No.:</b>	
<b>Comments:</b>	

**Rad Protection Site Links**

- [# Radiation Protection](#)
- [# Alpha Group](#)
- [# Briefings](#)
- [# Calc Log](#)
- [# Databases](#)
- [# Documents](#)
- [# Final Surveys](#)
- [# Forms](#)
- [# Mission](#)
- [# Procurement](#)
- [# TBD Log](#)
- [# Training](#)
- [# Video Library](#)

**Database Links**

- [# Create RIR](#)
- [# Radiation Generating Devices \(RGD\)](#)
- [# Sealed Radioactive Sources \(SRS\)](#)

**Contact**

**McGinley, Pam**  
Webmaster  
PHONE: x6818  
PAGER: (303) 212-5374

**Savitz, Kenneth R**  
Alternate Webmaster  
PHONE: x4686  
PAGER: (303) 212-4443

Monday, July 19, 2004 12:01:55 PM

Portal Directory Portal Search Portal Sitemap

**Radiation Protection**  
**Radiological Improvement Reports (RIR)**

Welcome,  
 Steve Trujillo

[Home](#) [Back](#) [Create RIR](#)

Home > Databases > Radiological Improvement Reports (RIR)

### Radiological Improvement Report Details

<b>RIR No.:</b>	98-493
<b>Originator:</b>	
<b>Project:</b>	RMRS
<b>Date Entered:</b>	12/17/1998 12:00:00 AM
<b>Event Date:</b>	12/16/1998 12:00:00 AM
<b>Status:</b>	CLOSED
<b>Date Closed:</b>	3/2/1999 12:00:00 AM
<b>Building:</b>	779
<b>Location:</b>	228 SSC
<b>Description:</b>	While size reducing glovebox 462 in room 228 SSC, airborne levels reached 68075 DAC. In process of removing/cutting the top of GB. D&D super. Stopped work and workers were moved to the safe area near the door. Work practices were being observed and acceptable. Suspected cause is holdup in top of box.
<b>RS Supervisor</b>	A. D. Cain
<b>Immediate Corrective Action:</b>	Work was stopped, workers moved to safe area. RCT changed air sample filter. 15 minutes later, 4087 DAC. Workers exited. ABC fixative will be used to control airborne concentration.
<b>Primary Event Code:</b>	C7
<b>Secondary Event Codes:</b>	
<b>Apparent Cause:</b>	EQUIPMENT
<b>Facility Mgr:</b>	T. R. Hergert
<b>DOE Categorization:</b>	Not Applicable
<b>Occurrence Rpt. No.:</b>	
<b>Responsible Mgr.:</b>	R. Caulfield
<b>Responsible Dir.:</b>	A. Crawford
<b>Target Date:</b>	1/15/1999 12:00:00 AM
<b>Corrective Actions:</b>	Spray glovebox with fixative before and during size reduction.
<b>PATS No.:</b>	
<b>Comments:</b>	Returned to Resp. Mgr. on 1/19/99. Closure documentation incomplete. DAS RIR administratively closed out 3/2/99. Completion summary adequate for close out at this time. DAS

#### Rad Protection Site Links

- # [Radiation Protection](#)
- # [Alpha Group](#)
- # [Briefings](#)
- # [Calc Log](#)
- # [Databases](#)
- # [Documents](#)
- # [Final Surveys](#)
- # [Forms](#)
- # [Mission](#)
- # [Procurement](#)
- # [TBD Log](#)
- # [Training](#)
- # [Video Library](#)

#### Database Links

- # [Create RIR](#)
- # [Radiation Generating Devices \(RGD\)](#)
- # [Sealed Radioactive Sources \(SRS\)](#)

#### Contact

**McGinley, Pam**  
 Webmaster  
 PHONE: x6818  
 PAGER: (303) 212-5374

**Savitz, Kenneth R**  
 Alternate Webmaster  
 PHONE: x4686  
 PAGER: (303) 212-4443

Monday, July 19, 2004 12:02:26 PM

Portal Directory Portal Search Portal Sitemap

## Radiation Protection Radiological Improvement Reports (RIR)

Welcome,  
Steve Trujillo
[Home](#) [Back](#) < [Create RIR](#)

Home &gt; Databases &gt; Radiological Improvement Reports (RIR)

### Radiological Improvement Report Details

**RIR No.:** 98-495

**Originator:**

**Project:** RMRS

**Date Entered:** 12/17/1998 12:00:00 AM

**Event Date:** 12/16/1998 12:00:00 AM

**Status:** CLOSED

**Date Closed:** 3/2/1999 12:00:00 AM

**Building:** 779

**Location:** 228 SSC

**Description:** While size reducing GB462, airborne levels reached 81675 DAC. Workers were in the process of cutting the floor of the GB. D&D supervisor stopped work and workers were moved to the safe area near the door. Work practices were being observed and were acceptable. Suspected cause is high contamination on the floor of the box and low ventilation due to the openness of the box.

**RS Supervisor:** A. D. Cain

**Immediate Corrective Action:** Work stopped, workers moved to safe area, RCT changed air sample filter. After waiting 15 minutes, airborne concentration dropped to 8168 DAC. Workers exited SSC. Work restart granted. Floor covered with plastic to control airborne.

**Primary Event Code:** C7

**Secondary Event Codes:**

**Apparent Cause:** Personnel/equip/train

**Facility Mgr:** T. R. Hergert

**DOE Categorization:** Not Applicable

**Occurrence Rpt. No.:**

**Responsible Mgr.:** R. Caufield

**Responsible Dir.:** A. Crawford

**Target Date:** 1/15/1999 12:00:00 AM

**Corrective Actions:** Highly contaminated areas of the glovebox were sprayed with fixative and will continue spraying throughout the remainder of D&D for this box. In addition, air sampling piping will be changed due to cross contamination.

**PATS No.:**

**Comments:** RIR administratively closed out 3/2/99. Completion summary adequate for closeout based on time RIR has remained open. DAS

#### Rad Protection Site Links

- Radiation Protection
- Alpha Group
- Briefings
- Calc Log
- Databases
- Documents
- Final Surveys
- Forms
- Mission
- Procurement
- TBD Log
- Training
- Video Library

#### Database Links

- Create RIR
- Radiation Generating Devices (RGD)
- Sealed Radioactive Sources (SRS)

#### Contact

**McGinley, Pam**  
Webmaster  
PHONE: x6818  
PAGER: (303) 212-5374

**Savitz, Kenneth R**  
Alternate Webmaster  
PHONE: x4686  
PAGER: (303) 212-4443

Monday, July 19, 2004 12:03:20 PM

Portal Directory Portal Search Portal Sitemap

## Radiation Protection Radiological Improvement Reports (RIR)

Welcome,  
Steve Trujillo
[Home](#) [Back](#) [Create RIR](#)

Home &gt; Databases &gt; Radiological Improvement Reports (RIR)

### Radiological Improvement Report Details

<b>RIR No.:</b>	98-515
<b>Originator:</b>	
<b>Project:</b>	RMRS
<b>Date Entered:</b>	12/30/1998 12:00:00 AM
<b>Event Date:</b>	12/29/1998 12:00:00 AM
<b>Status:</b>	CLOSED
<b>Date Closed:</b>	1/4/1999 12:00:00 AM
<b>Building:</b>	779
<b>Location:</b>	228
<b>Description:</b>	While size reducing GB #205, 205B and 205C in room 228 SSC, airborne levels reached 197,000 exceeding suspension guide lines. Workers were in the process of cutting the filter housing on the side of the GB. Suspected cause is material lodged in the filter housing. Filter housing was not coated with fixative due to inaccessibility.
<b>RS Supervisor</b>	M. D. Fitzpatrick
<b>Immediate Corrective Action:</b>	D&D supervisor stopped work and workers were moved to the safe area near the door. Work practices were being observed by RCT & RCT Supervision. Rad work practices were acceptable. RCT changed the air sample filter. Waited 15 minutes. Airborne concentrations dropped to 8,000 DAC. Workers exited the SSC. Fixative will be applied to filter housing. RSA grated work to be restarted.
<b>Primary Event Code:</b>	C7
<b>Secondary Event Codes:</b>	
<b>Apparent Cause:</b>	EQUIPMENT
<b>Facility Mgr:</b>	T. R. Hergert
<b>DOE Categorization:</b>	Not Applicable
<b>Occurrence Rpt. No.:</b>	
<b>Responsible Mgr.:</b>	R. Caufield
<b>Responsible Dir.:</b>	A. Crawford
<b>Target Date:</b>	1/28/1999 12:00:00 AM
<b>Corrective Actions:</b>	Filter housing will be sprayed with fixative prior to restarting size reduction and during size reduction. In addition to point source ventilation. D&D workers have been briefed on this corrective action.
<b>PATS No.:</b>	
<b>Comments:</b>	

#### Rad Protection Site Links

- [? Radiation Protection](#)
- [? Alpha Group](#)
- [? Briefings](#)
- [? Calc Log](#)
- [? Databases](#)
- [? Documents](#)
- [? Final Surveys](#)
- [? Forms](#)
- [? Mission](#)
- [? Procurement](#)
- [? TBD Log](#)
- [? Training](#)
- [? Video Library](#)

#### Database Links

- [? Create RIR](#)
- [? Radiation Generating Devices \(RGD\)](#)
- [? Sealed Radioactive Sources \(SRS\)](#)

#### Contact

**McGinley, Pam**  
Webmaster  
PHONE: x6818  
PAGER: (303) 212-6374

**Savitz, Kenneth R**  
Alternate Webmaster  
PHONE: x4686  
PAGER: (303) 212-4443

Monday, July 19, 2004 12:07:45 PM

Portal Directory Portal Search Portal Sitemap

## Radiation Protection Radiological Improvement Reports (RIR)

Welcome,  
Steve Trujillo

Home &gt; Back &lt; Create RIR

Home &gt; Databases &gt; Radiological Improvement Reports (RIR)

### Radiological Improvement Report Details

**RIR No.:** 99-044  
**Originator:**  
**Project:** RMRS  
**Date Entered:** 2/3/1999 12:00:00 AM  
**Event Date:** 2/2/1999 12:00:00 AM  
**Status:** CLOSED  
**Date Closed:** 5/4/1999 12:00:00 AM  
**Building:** 779  
**Location:** 138  
**Description:** Cut finger while working in gloves in room 138 box 955.  
>10,000 dpm initial count.  
**RS Supervisor:** M. Fitzpatrick  
**Immediate Corrective Action:** Contain hand and send to medical, contain glove in box, and survey floor and gloves around area.  
**Primary Event Code:** A3  
**Secondary Event Codes:** B2  
**Apparent Cause:** PERSONNEL  
**Facility Mgr:** J. Richter  
**DOE Categorization:** Completed  
**Occurrence Rpt. No.:** RFO-KHLL-OFFSITE-1999-0001  
**Responsible Mgr.:** T. L. Vaughn  
**Responsible Dir.:** A. Crawford  
**Target Date:** 3/2/1999 12:00:00 AM  
**Corrective Actions:** 779/771 had safety stand down on 3/10/99 with all hands. Lessons learned regarding this event was provided to work crews. Project investigating different tools and methods for box size reduction.  
**PATS No.:**  
**Comments:** RMRS PA Screen No. RMRS-99-421 Primary Event Code revised from B4, B14 to A3, B2 on 7/12/99 per Director, RadSafety. Bioassay results confirm dose in excess of regulatory limit. DAS

#### Rad Protection Site Links

- Radiation Protection
- Alpha Group
- Briefings
- Calc Log
- Databases
- Documents
- Final Surveys
- Forms
- Mission
- Procurement
- TBD Log
- Training
- Video Library

#### Database Links

- Create RIR
- Radiation Generating Devices (RGD)
- Sealed Radioactive Sources (SRS)

#### Contact

**McGinley, Pam**  
 Webmaster  
 PHONE: x6818  
 PAGER: (303) 212-5374

**Savitz, Kenneth R**  
 Alternate Webmaster  
 PHONE: x4686  
 PAGER: (303) 212-4443

**Radiation Protection  
Radiological Improvement Reports (RIR)**

Welcome,  
Steve Trujillo

[Home](#) [Back](#) [Create RIR](#)

Home > Databases > Radiological Improvement Reports (RIR)

**Radiological Improvement Report Details**

<b>RIR No.:</b>	99-139
<b>Originator:</b>	
<b>Project:</b>	RMRS
<b>Date Entered:</b>	3/22/1999 12:00:00 AM
<b>Event Date:</b>	3/18/1999 12:00:00 AM
<b>Status:</b>	CLOSED
<b>Date Closed:</b>	5/5/1999 12:00:00 AM
<b>Building:</b>	779
<b>Location:</b>	137 SSC
<b>Description:</b>	PCM-2 detected contamination of worker upon exit of CA. RCTs found 2820 dpm on the workers right forearm (approx. 100cm2 area). Tape press taken on area, showed no decay (not Radon). Worker was working in the Room 137 SSC with his arm laying on a moist kim wipe. Worker's lapel was not above normal. It was determined in the Fact Finding meeting that the arm of the Level-B suit became worn and the moisture penetrated the suit and contaminated the worker's anti-cs and his arm.
<b>RS Supervisor</b>	A. D. Cain
<b>Immediate Corrective Action:</b>	Worker was decontaminated using luke warm water. Decon was successful. Worker successfully passed PCM-2 survey. PI Calc performed (1.76). Nasal/Mouth smears taken. Fact Finding meeting was held (minutes attached).
<b>Primary Event Code:</b>	B4
<b>Secondary Event Codes:</b>	
<b>Apparent Cause:</b>	PERSONNEL
<b>Facility Mgr:</b>	T. R. Hergert
<b>DOE Categorization:</b>	Completed
<b>Occurrence Rpt. No.:</b>	99-0176
<b>Responsible Mgr.:</b>	J. B. Barroso
<b>Responsible Dir.:</b>	A. Crawford
<b>Target Date:</b>	4/17/1999 12:00:00 AM
<b>Corrective Actions:</b>	Crew briefed on preventing standing water. Hot work permit obtained to allow grinding and greatly minimize time size reducing thick pieces of metal.
<b>PATS No.:</b>	
<b>Comments:</b>	RMRS PA Screen No. RMRS-99-528

**Rad Protection Site Links**

- [➤ Radiation Protection](#)
- [➤ Alpha Group](#)
- [➤ Briefings](#)
- [➤ Calc Log](#)
- [➤ Databases](#)
- [➤ Documents](#)
- [➤ Final Surveys](#)
- [➤ Forms](#)
- [➤ Mission](#)
- [➤ Procurement](#)
- [➤ TBD Log](#)
- [➤ Training](#)
- [➤ Video Library](#)

**Database Links**

- [➤ Create RIR](#)
- [➤ Radiation Generating Devices \(RGD\)](#)
- [➤ Sealed Radioactive Sources \(SRS\)](#)

**Contact**

**McGinley, Pam**  
 Webmaster  
 PHONE: x6818  
 PAGER: (303) 212-5374

**Savitz, Kenneth R**  
 Alternate Webmaster  
 PHONE: x4686  
 PAGER: (303) 212-4443



**Radiation Protection  
Radiological Improvement Reports (RIR)**

Welcome,  
Steve Trujillo

[Home](#) [Back](#) [Create RIR](#)

Home > Databases > Radiological Improvement Reports (RIR)

**Radiological Improvement Report Details**

<b>RIR No.:</b>	99-304
<b>Originator:</b>	
<b>Project:</b>	RMRS
<b>Date Entered:</b>	6/28/1999 12:00:00 AM
<b>Event Date:</b>	6/24/1999 12:00:00 AM
<b>Status:</b>	CLOSED
<b>Date Closed:</b>	7/12/1999 12:00:00 AM
<b>Building:</b>	779
<b>Location:</b>	149
<b>Description:</b>	Individual lost TLD during work in a radiologically controlled area. Work performed under RWP 99-779-9028.
<b>RS Supervisor</b>	R. Worster
<b>Immediate Corrective Action:</b>	Individual was restricted from entering radiologically controlled areas. A search was conducted for the TLD (not found). A general area dose rate survey was performed in work area.
<b>Primary Event Code:</b>	C7
<b>Secondary Event Codes:</b>	
<b>Apparent Cause:</b>	PERSONNEL
<b>Facility Mgr:</b>	T. R. Hergert
<b>DOE Categorization:</b>	Not Applicable
<b>Occurrence Rpt. No.:</b>	
<b>Responsible Mgr.:</b>	A. Haynes
<b>Responsible Dir.:</b>	A. Crawford
<b>Target Date:</b>	7/24/1999 12:00:00 AM
<b>Corrective Actions:</b>	New TLD issued. Training held on securing TLD to clothing to crew.
<b>PATS No.:</b>	
<b>Comments:</b>	RMRS PA Screen No. RMRS-99-726

**Rad Protection Site Links**

- [➤ Radiation Protection](#)
- [➤ Alpha Group -](#)
- [➤ Briefings](#)
- [➤ Calc Log](#)
- [➤ Databases](#)
- [➤ Documents](#)
- [➤ Final Surveys](#)
- [➤ Forms](#)
- [➤ Mission](#)
- [➤ Procurement](#)
- [➤ TBD Log](#)
- [➤ Training](#)
- [➤ Video Library](#)

**Database Links**

- [➤ Create RIR](#)
- [➤ Radiation Generating Devices \(RGD\)](#)
- [➤ Sealed Radioactive Sources \(SRS\)](#)

**Contact**

**McGinley, Pam**  
 Webmaster  
 PHONE: x6818  
 PAGER (303) 212-5374

**Savitz, Kenneth R**  
 Alternate Webmaster  
 PHONE: x4686  
 PAGER. (303) 212-4443

**Radiation Protection  
Radiological Improvement Reports (RIR)**

Welcome,  
Steve Trujillo

[Home](#) [Back](#) [Create RIR](#)

Home > Databases > Radiological Improvement Reports (RIR)

**Radiological Improvement Report Details**

<b>RIR No.:</b>	99-340
<b>Originator:</b>	
<b>Project:</b>	RMRS
<b>Date Entered:</b>	7/27/1999 12:00:00 AM
<b>Event Date:</b>	7/26/1999 12:00:00 AM
<b>Status:</b>	CLOSED
<b>Date Closed:</b>	10/11/1999 12:00:00 AM
<b>Building:</b>	779
<b>Location:</b>	228
<b>Description:</b>	RCT responded to room SAAM alarm. RCT posted room ARA. During response (i.e.: taking hi-vol air sample) an employee entered into room without respiratory protections. Employee was working in area under RWP 99-779-9028.
<b>RS Supervisor</b>	R. Worster
<b>Immediate Corrective Action:</b>	Employee exited area. Body contamination survey performed. (results < MDA). Potential intake factor worksheet completed. Nasal/mouth swab performed.
<b>Primary Event Code:</b>	B1
<b>Secondary Event Codes:</b>	
<b>Apparent Cause:</b>	PERSONNEL
<b>Facility Mgr:</b>	D. Stewart
<b>DOE Categorization:</b>	Not Applicable
<b>Occurrence Rpt. No.:</b>	
<b>Responsible Mgr.:</b>	A. Smith
<b>Responsible Dir.:</b>	A. Crawford
<b>Target Date:</b>	8/25/1999 12:00:00 AM
<b>Corrective Actions:</b>	Conducted manager's meeting (attached) and developed corrective actions. Covered communication in weekly all hands. Reviewed posting procedures and obtained more radios for improved communication.
<b>PATS No.:</b>	
<b>Comments:</b>	RMRS PA Screen No. RMRS-99-854

**Rad Protection Site Links**

- [➤ Radiation Protection](#)
- [➤ Alpha Group](#)
- [➤ Briefings](#)
- [➤ Calc Log](#)
- [➤ Databases](#)
- [➤ Documents](#)
- [➤ Final Surveys](#)
- [➤ Forms](#)
- [➤ Mission](#)
- [➤ Procurement](#)
- [➤ TBD Log](#)
- [➤ Training](#)
- [➤ Video Library](#)

**Database Links**

- [➤ Create RIR](#)
- [➤ Radiation Generating Devices \(RGD\)](#)
- [➤ Sealed Radioactive Sources \(SRS\)](#)

**Contact**

**McGinley, Pam**  
Webmaster  
PHONE: x6818  
PAGER: (303) 212-5374

**Savitz, Kenneth R**  
Alternate Webmaster  
PHONE: x4686  
PAGER: (303) 212-4443

SEC 00030

SIGNED AFFIDAVIT - BURN OUT LINES AND LUNG COUNT HISTORY

May 17, 2005

STEVE TRUJILLO

SEC Tracking Number 00030

I, Steve Trujillo, submit the following letter as a signed affidavit in support of the Rocky Flats USWA Special Exposure Cohort Petition. This affidavit is submitted in response to Mr. Larry Elliot's letter dated April 27, 2005, and in particular in response to Item 4 Clarification - "You agreed that additional information would be provided in the form of an affidavit. As discussed you have 30 days on receipt of this letter . . . to submit signed affidavits."

As Co-Chair of the Hazardous and Toxic Materials Sub-Committee, I attest to the following. From the early 1950s until approximately 1989 several processes were employed at Rocky Flats that required the purity of plutonium. Of these processes many dealt with highly insoluble forms, including high fired oxides in particular.

All of the work activities described in response to Section E.2 of Form B were very high in penetrating radiation exposure and known by employees as burn out lines. Because of the nature of these materials it was not uncommon to have an airborne excursion, some so high in contamination that it would take months to decontaminate. Unfortunately the only way a worker would know of a release was when the selective alpha air monitors (SAAMs) would alarm. At the time of these alarms, the workers were typically without respiratory protection and nasal and mouth smears and lung counts were not readily employed. Only when skin contamination was involved were bioassay actions taken and an employee sent up to lung count. The lung counter could not detect plutonium because of the low abundance of gamma photons and the severe attenuation of L X-rays. Instead, the 59.5-keV gamma photon from Americium 241 was used to detect americium in the lung. The activity of plutonium was then calculated from the detected americium by measuring, calculating, or assuming the fraction of the Americium 241 in the plutonium mixture on the date of the lung count. Direct in vivo measurement of plutonium in the lungs, although investigated, was never implemented at Rocky Flats. The following bullets describe lung counting capabilities over time. Note that no lung counting capabilities existed from 1952 to 1964 and that they were seldom used from 1964 to 1968.

- 1964 - 1968 - One counting room consisting of two NaI(Tl) scintillation detectors and a third detector used for cesium and potassium measurements.
- 1969 - 1976 - Two counting rooms with three 4x4 NaI(Tl) scintillation detectors, two over the upper chest and one over the liver. The liver detector was eliminated in 1974. An index method was developed by Robert Bistine to reflect chest wall thickness.
- 1976 - 1984 - Three counting rooms were equipped with the new high-purity Germanium (Ge) detector array system. The NaI(Tl) system would later only be used as a backup system.
- 1985 - 1995 - Ge detectors in the organ pipe configuration were implemented.

STJ 5-17-05

- 1995 - Present - The lung counter hardware, software, and detectors were upgraded.

In 1966, the type of dosimeter badge used to monitor employees' exposure to radiation was a Type-A gamma ray film badge. However, very few if any radiation workers used them in the fifties and early sixties. By 1969, all gamma ray dosimeters were converted to thermoluminescent dosimeters (TLDs) and by 1976 all neutron badges used were TLD badges. These had their faults, because in order to obtain the information in the employee's dosimeter badge the crystal chips had to be activated by heat, and if not done appropriately the record would be lost. The presence of body oils or hair on the chips could result in false readings and improper and inconsistent practices with employee dosimetry use resulted in missing information (forgot to wear badge or wore it under a lead apron) or inaccurate information. The crystals are also very small and would easily get lost. See an employee letter included as an attachment in response to Section F.2 of Form B. In addition, the site routinely under reported lower level exposures over time. Investigations into unusual dosimetry results frequently resulted in the assignment of zero when the investigator was unable to determine the cause of the exposure. From 1951 through 1992 Rocky Flats embraced a philosophy of reporting dose down to zero. In 1993 a minimum reported dose level of 10 mrem was adopted. Any dose below this level is reported as zero (RFETS 2001). This practice is still in place today.

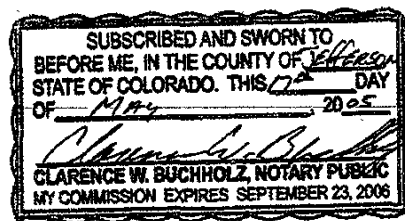
Respectfully,

*Steve Trujillo* 5-17-05

Steve Trujillo

Co-Chair

Hazardous and Toxic Materials Subcommittee



Sworn to on May 17, 2005

Item 5 - Tab F.2