



## Analysis

**Analysis:** Excellent **Color:** Blue

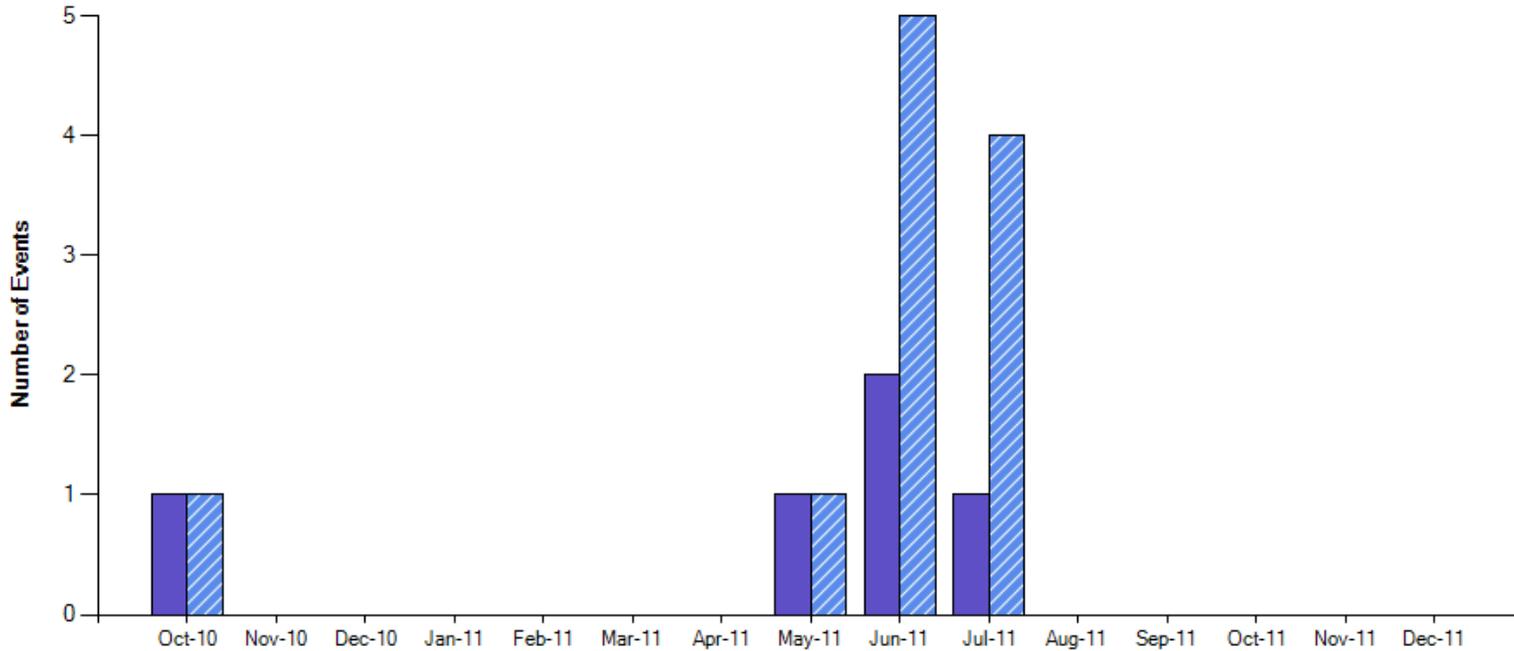
**ORPS Event:** None

## Action

SRR continues to use engineering controls to contain contamination at the source and perform fact finding meetings of spread of contamination or radioactive material.

<b>Metric Details</b>	
Metric Title	Number of Rad Material ORPS Events
Metric Owner/Alternate Owner:	Jim Wilson 8-3354
Metric SME/POC	Ellen Parrish 8-1027
Metric DOE PI Owner	Chuck Radford 2-8595
Metric Functional Group	RPD, DOE, ESH
Metric Description	Measures ORPS reportable Rad Material events 6B(1-4) & binned as FA 11.10.91 or 11.10.93
Metric Definition	This metric is a lagging indicator for occurrences of radioactive material or spread of contamination found outside of radiological areas.
Metric Value	Measure is in number of events
Metric Reporting Frequency	Monthly
Metric Requirements Drivers	5Q, SCD-6, 5Q1.1-505, 1-01 4.4, DOE G 441.1-1C
Data Source(s)	STAR
Grade Criteria	Based on Offsite Contamination Events
<b>BLUE</b>	< 1 per month Onsite, = 0 per month Offsite
<b>VIOLET</b>	= 1 per month
<b>GREEN</b>	= 2 per month
<b>YELLOW</b>	= 3 per month
<b>RED</b>	> 3 per month or 1 offsite event
Data Entry/Verification/Validation	Automatic pull from STAR & offsite event data entry by Site ALARA Coordinator
Data Inquiry	Please report any Scorecard technical issue to Raine Weimortz or Steve Rich or radiological related questions to Ellen Parrish

**LWO RADIOLOGICAL SAFETY PERFORMANCE**  
**Non-ORPS Reportable Personnel Contamination Errors/Cases**  
**Through December 31, 2011**



Title	Oct-10	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11
Non-ORPS Reportable Cont. Errors	1	0	0	0	0	0	0	1	2	1	0	0	0	0	0
Non-ORPS Reportable Cont. Cases	1	0	0	0	0	0	0	1	6	4	0	0	0	0	0

**Definition**

This chart reflects non-ORPS reportable personnel contamination errors/cases per month >500 dpm alpha or >5000 dpm beta-gamma. The non-ORPS errors represent the number of events per month and the non-ORPS cases represent the number of personnel involved in the event. Oct 2010 begins the new Fiscal Year

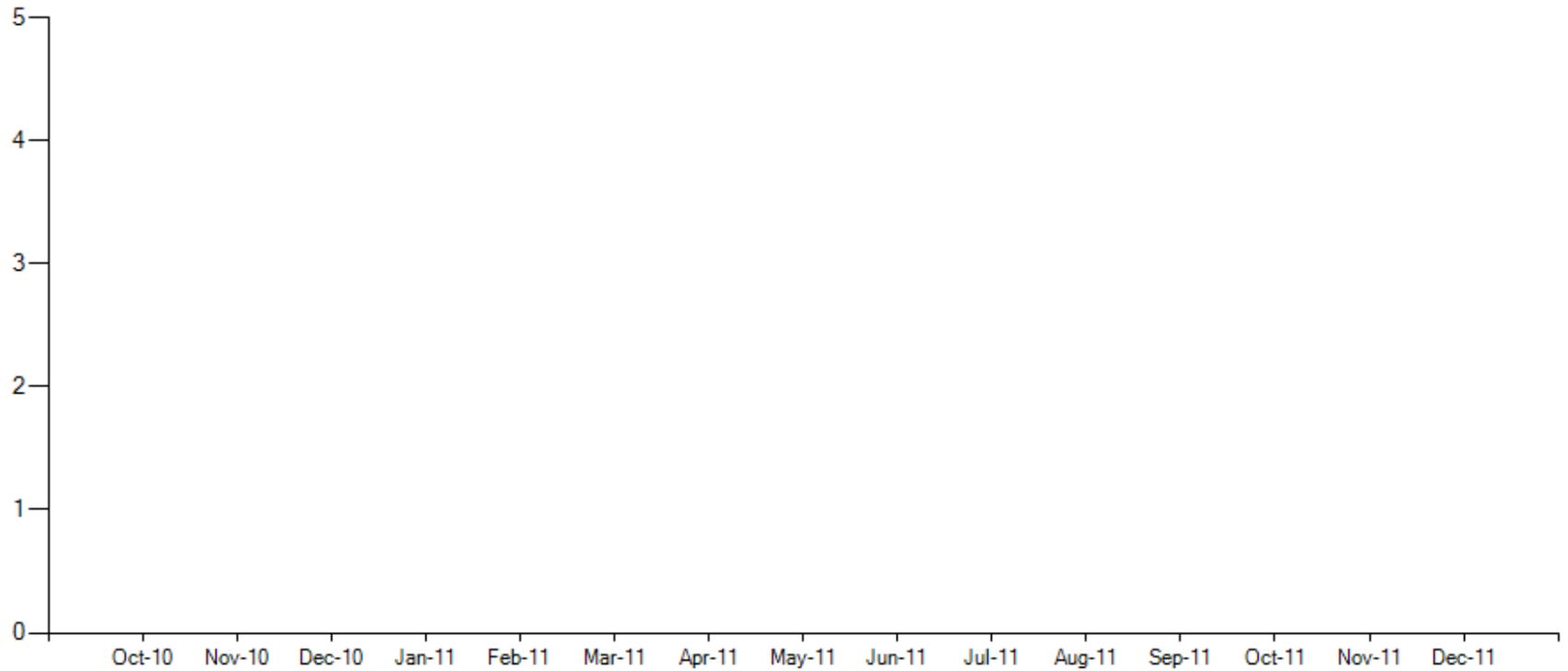
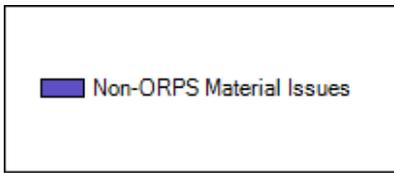
**Action:** SRR continues to closely monitor contamination events, even those minor errors that are below the ORPS reporting thresholds. The minor errors are used as a leading indicator that may signal adverse trends that could lead to an increase in the number of reportable events. For each event, corrective actions are taken and documented in STAR and a review is performed for any commonalities that may exist.



## Metric Details

Metric Title	Non-ORPS PerCon Events/Cases
Metric Owner/Alternate Owner	Jim Wilson 8-3354
Metric SME/POC	Ellen Parrish 8-1027
Metric DOE PI Owner	Chuck Radford 2-8595
Metric Functional Group	RPD, DOE, ESH
Metric Description	Non-ORPS PerCon errors 6D(4) & binned as FA 11.10.94 and the number of workers who were contaminated
Metric Definition	Non-ORPS PerCon errors are leading indicators for ORPS events.
Metric Value	N/A
Metric Reporting Frequency	Monthly
Metric Requirements Drivers	5Q, SCD-6, 5Q1.1-505, 1-01 4.4
Data Source(s):	STAR (events)
Grade Criteria	N/A
BLUE	N/A
VIOLET	N/A
GREEN	N/A
YELLOW	N/A
RED	N/A
Data Entry/Verification/Validation	Automatic pull from STAR, PerCon cases entered by Site ALARA Coordinator
Data Inquiry	Please report any Scorecard technical issue to <a href="#">Raine Weimortz</a> or <a href="#">Steve Rich</a> or radiological related questions to <a href="#">Ellen Parrish</a>

**LWO Non-ORPS Radioactive  
Material/Contamination  
LWO  
Through December 31, 2011**



Title	Oct-10	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11
Non-ORPS Material Issues	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Offsite Discovery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

**Action:** SRR continues to use engineering controls to contain contamination at the source and perform fact finding meetings of spread of contamination or radioactive material.

Metric Details	

Metric Title	Non-ORPS Rad Material
Metric Owner/Alternate Owner	Jim Wilson 8-3354
Metric SME/POC	Ellen Parrish 8-1027
Metric DOE PI Owner	Chuck Radford 2-8595
Metric Functional Group	RPD, DOE, ESH
Metric Description	Tracks Non-ORPS reportable Rad Material errors 6B(5) & binned as FA 11.10.92. Off-Site events will be covered under 6B1 criteria.
Metric Definition	Rradioactive material or spread of contamination found outside of radiological areas (includes RBAs not contiguous with a Contamination Area, Clean Areas, and Controlled Areas). Area Non-ORPS errors are leading indicators for Area ORPS events.
Metric Value	N/A
Metric Reporting Frequency	Monthly
Metric Requirements Drivers	5Q, SCD-6, 5Q1.1-505, 1-01 4.4
Data Source(s)	STAR
Grade Criteria	None
<b>BLUE</b>	N/A
<b>VIOLET</b>	N/A
<b>GREEN</b>	N/A
<b>YELLOW</b>	N/A
<b>RED</b>	N/A
Data Entry/Verification/Validation	Automatic pull from STAR & offsite event data entry by Site ALARA Coordinator
Data Inquiry	Please report any Scorecard technical issue to Raine Weimortz or Steve Rich or radiological related questions to Ellen Parrish