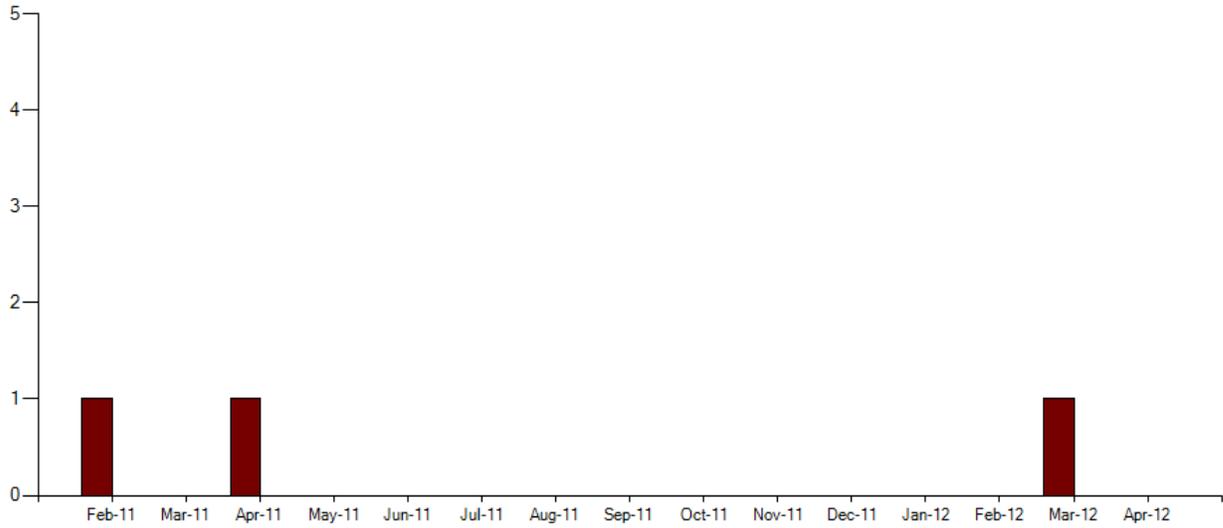


LWO RADIOLOGICAL SAFETY PERFORMANCE
Number of Occurrences of Radioactive Material/Contamination
Detected Outside of Radiological Areas
Through April 30, 2012



Title	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12
Contamination Events	1	0	1	0	0	0	0	0	0	0	0	0	0	1	0
Score: Contamination Events	<=1	<=1	<=1	<=1	<=1	<=1	<=1	<=1	<=1	<=1	<=1	<=1	<=1	<=1	<=1
Offsite Contamination Events	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Score: Offsite Contamination Events	=0	=0	=0	=0	=0	=0	=0	=0	=0	=0	=0	=0	=0	=0	=0

Analysis

Analysis: Excellent Color: Blue

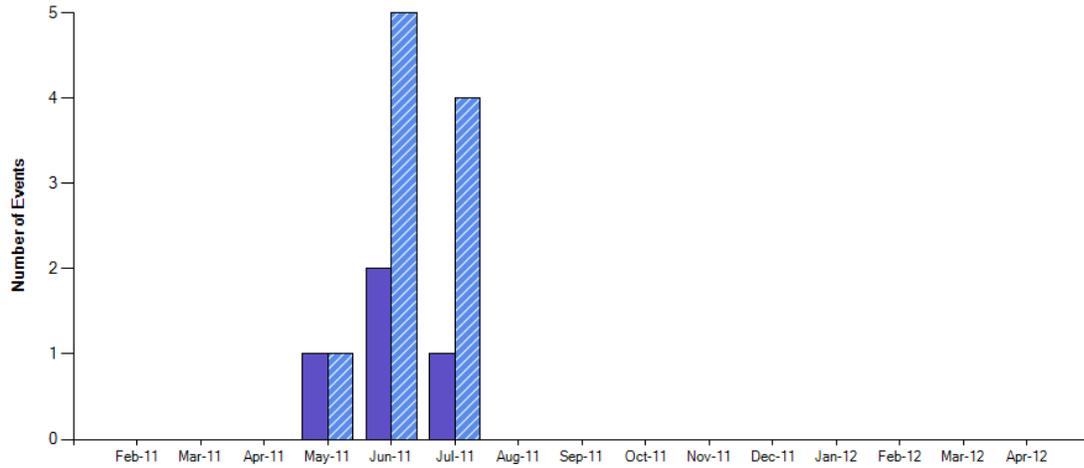
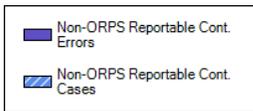
ORPS Event: None

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.

Metric Details	
Metric Title	Number of Rad Material ORPS Events
Metric Owner/Alternate Owner:	Jim Wilson 8-3354
Metric SME/POC	Carol Hunter 8-0231/Ellen Parrish 2-5825
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
BLUE	< 1 per month Onsite, = 0 per month Offsite
VIOLET	= 1 per month
GREEN	= 2 per month
YELLOW	= 3 per month
RED	> 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 April 30, 2012



Title	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12
Non-ORPS Reportable Cont. Errors	0	0	0	1	2	1	0	0	0	0	0	0	0	0	0
Non-ORPS Reportable Cont. Cases	0	0	0	1	6	4	0	0	0	0	0	0	0	0	0

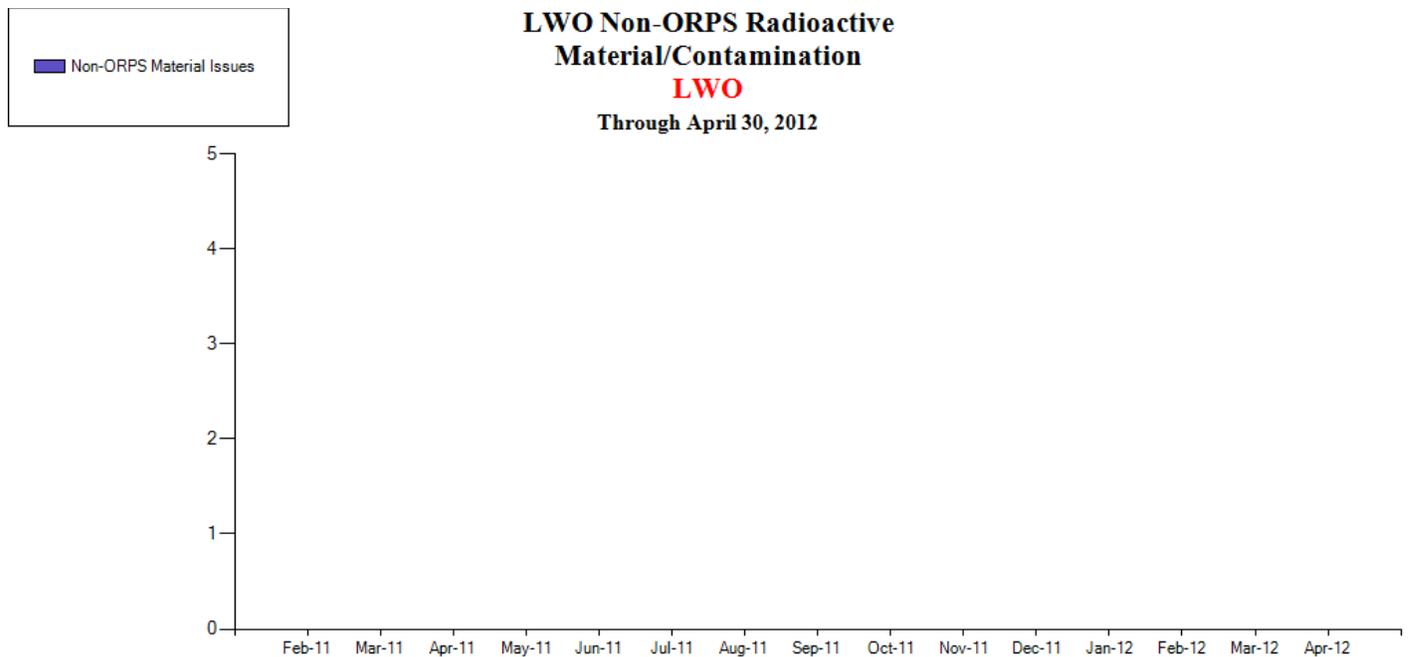
Definition

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	Carol Hunter 8-0231/Ellen Parrish 2-5825
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 Reporting Frequency	Monthly
Metric Requirements Drivers	5Q, SCD-6, 5Q1.1-505, 1-01 4.4
Data Source(s):	STAR (events)
Data Entry/Verification/Validation	Automatic pull from STAR, PerCon cases entered 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 Non-ORPS Radioactive
Material/Contamination
LWO
Through April 30, 2012**

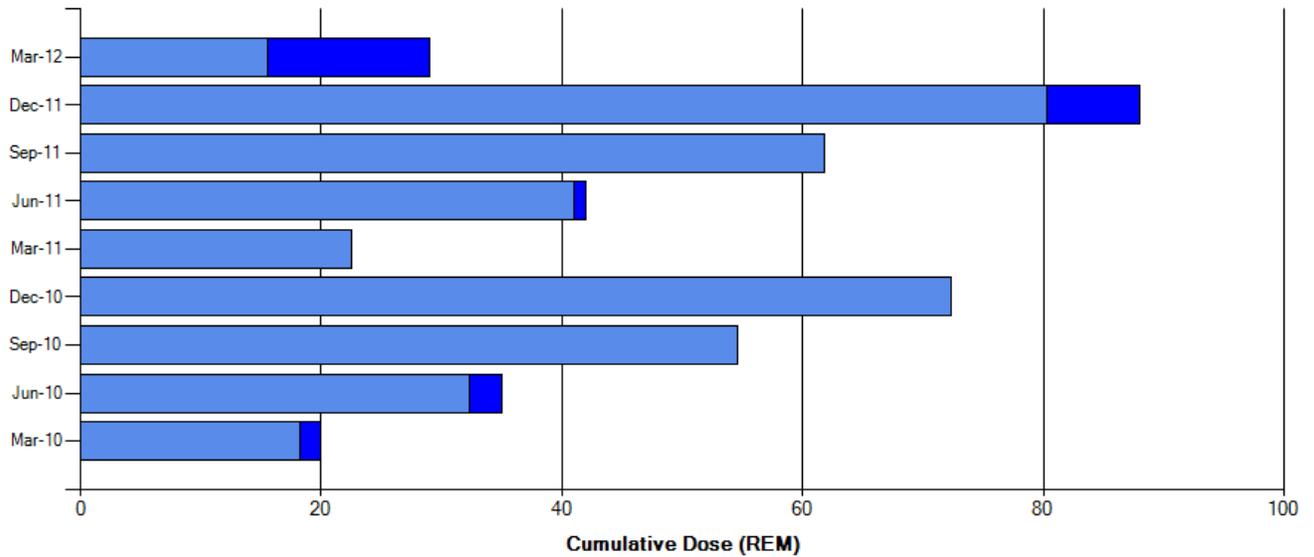
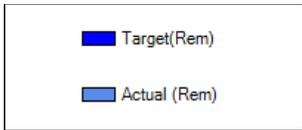


Title	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12
Non-ORPS Material Issues	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Offsite Discovery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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	Carol Hunter 8-0231/Ellen Parrish 2-5825
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	Radioactive 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 Reporting Frequency	Monthly
Metric Requirements Drivers	5Q, SCD-6, 5Q1.1-505, 1-01 4.4
Data Source(s)	STAR
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 Cumulative Dose vs. Goal
Radiological Protection (Liquid Waste)
 Through March 31, 2012



Title	Mar-10	Jun-10	Sep-10	Dec-10	Mar-11	Jun-11	Sep-11	Dec-11	Mar-12
Target(Rem)	20	35	51	69	18	42	56	88	29
Actual (Rem)	18.235	32.368	54.578	72.314	22.511	40.995	61.802	80.258	15.598
Internal Non-Tritium Dose	0.011	0.02	0.033	0.05	0.003	0.003	0.019	0.019	0.015
Internal Tritium Dose	0	0	0	0	0	0	0	0	0
Total Dose	18.246	32.388	54.611	72.364	22.514	40.998	61.821	80.277	15.613
% of Target	8.83%	7.52%	7.02%	4.8%	25.06%	2.39%	10.36%	8.8%	46.21%
Score	%	%	%	%	%	%	%	%	%

Metric Details	
Metric Title	Cumulative Dose vs. Goal
Metric Owner/Alternate Owner	Jim Wilson 8-3354
Metric SME/POC	Carol Hunter 8-0231/Ellen Parrish 2-5825
Metric DOE PI Owner	Chuck Radford 2-8595
Metric Functional Group	RPD, DOE, ESH
Metric Description	Measures Cumulative Dose for each quarter
Metric Definition	This metric represents the LWO actual Cumulative dose and the target dose received for each quarter.
Metric Value	Measure is in percent
Metric Reporting Frequency	Quarterly
Metric Requirements Drivers	5Q, SCD-6, 5Q1.1-505, 1-01 4.4, POMC
Data Source(s):	Hummingbird Database
Grade Criteria	Percent of Target
BLUE	≤ 12.5 %
VIOLET	> 12.5 %
GREEN	> 25 %
YELLOW	> 37 %
RED	> 50%
Data Entry/Verification/Validation	Automatic pulls from Hummingbird Database
Data Inquiry	Please report any Scorecard technical issue to Raine Weimortz or Steve Rich or radiological related questions to Ellen Parrish

Internal dose assignments are not included in this chart. See the Site Cumulative Dose vs. Goal chart for the internal dose assignments.

Note: The dose represented in this chart is updated every 24 hours. Dose summaries sent out by HPS are a "snap shot in time" for the date and time that it is actually pulled from the Data Warehouse.

The Total Dose includes the Internal Non-Tritium and Internal Tritium Doses. WSI, DOE, and all SUBs will not be included on this chart. Dose for these companies will be included in the dose on the EM Cumulative Dose vs. Goal Chart. Dose assigned to an SRR employee that work for any of these companies will be listed in this section.