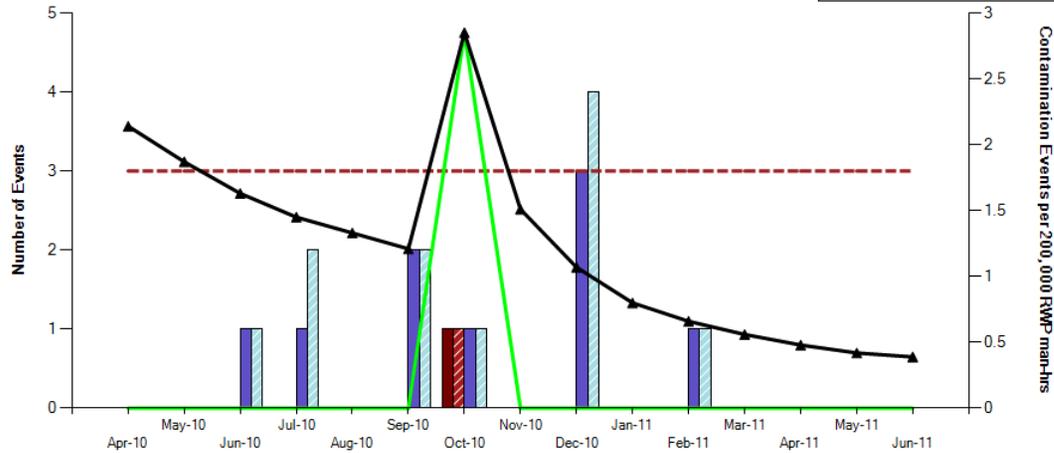
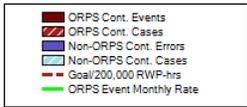


Metric Details	
Metric Title	ORPS PerCon Events
Metric Owner/Alternate Owner	Gordon Quillin 2-8389/Greg Tunno 2-8477
Metric SME/POC	Ellen Parrish 8-1027
Metric DOE PI Owner	Chuck Radford 2-8595
Metric Functional Group	RPD, DOE, ESH
Metric Description	Measures ORPS reportable PerCon events 6D(3) & binned as FA 11.10.95
Metric Definition	The FYTD rate is obtained by multiplying the number of events by 200,000 hrs & dividing by the number of applicable RWP hrs.
Metric Value	Goal is measured in FYTD Rate
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 (events) & Hummingbird Database (RWP hrs)
Grade Criteria	Based on ORPS contamination events & RWP hours.
BLUE	< 1.5
VIOLET	> 1.5 - < 2.5
GREEN	≥ 2.5 - ≤ 5.0
YELLOW	> 5.0 - ≤ 7.5
RED	> 7.5
Data Entry/Verification/Validation	Automatic pulls from STAR & Hummingbird Database
Data Inquiry	Please report any Scorecard technical issue to Raine Weimortz or Steve Rich or radiological related questions to Ellen Parrish

Metric Details	
Metric Title	Number of Rad Material ORPS Events
Metric Owner/Alternate Owner:	Gordon Quillin 2-8389/Greg Tunno 2-8477
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
BLUE	≤ 1 per month Onsite, = 0 per month Offsite
VIOLET	> 1 per month
GREEN	> 3 per month
YELLOW	> 6 per month
RED	> 9 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

M&O Radiological Safety Performance Total ORPS and Non-ORPS Reportable Personnel Contamination Events/Cases Through June 30, 2011



Title	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11
ORPS Cont. Events	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
ORPS Cont. Events (FY)	4	4	4	4	4	4	1	1	1	1	1	1	1	1	1
ORPS Cont. Cases	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Non-ORPS Cont. Errors	0	0	1	1	0	2	1	0	3	0	1	0	0	0	0
Non-ORPS Cont. Cases	0	0	1	2	0	2	1	0	4	0	1	0	0	0	0
Goal/200,000 RWP-hrs	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
RPW Hrs. (Month)	59962	53599	62675	59978	52529	55833	70221	62004	55184	63206	51432	57076	53677	58794	46764
RPW Hrs. (FY)	373847	427446	490121	550099	602628	658461	70221	132225	187409	250615	302047	359123	412800	471594	518358
ORPS Event Monthly Rate	0	0	0	0	0	0	2.85	0	0	0	0	0	0	0	0
ORPS Event FYTD Rate	2.14	1.87	1.63	1.45	1.33	1.21	2.85	1.51	1.07	0.8	0.66	0.56	0.48	0.42	0.39
Score: ORPS Event FYTD Rate	>1.5	>1.5	>1.5	<=1.5	<=1.5	<=1.5	>=2.5	>1.5	<=1.5	<=1.5	<=1.5	<=1.5	<=1.5	<=1.5	<=1.5

Definition

This chart reflects non-ORPS and ORPS reportable personnel contamination events/cases per month >500 dpm alpha or >5000 dpm beta-gamma. Beginning in Oct. 2008 we converted to an annual goal of ≤ 3.0 events per 200,000 RWP-hrs.

Analysis

Analysis: Excellent **Color:** Blue

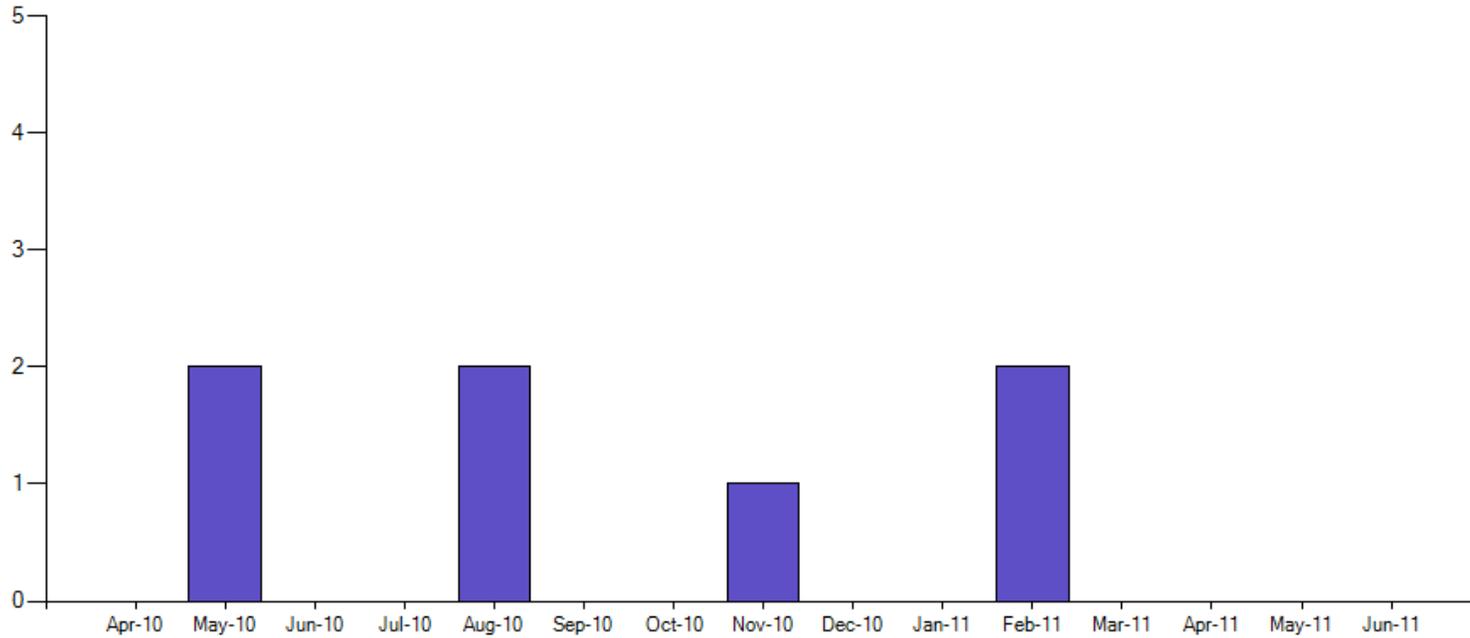
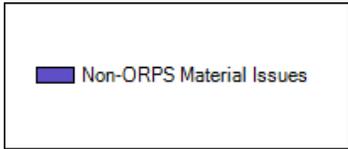
Current ORPS(6D3) Events: None

Current Non-ORPS Errors: None

Action: Star Third Tier Bin Items are being categorized with regard to ISMS Core Function. This process will support identification of areas of concern for review and address in response to these leading indicators. Performance continues to be acceptable and stable.

Metric Details	
Metric Title	Total ORPS & Non-ORPS PerCon Events/Cases
Metric Owner/Alternate Owner	Gordon Quillin 2-8389/Greg Tunno 2-8477
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 events & Non-ORPS PerCon errors 6D(3-4) & binned as FA 11.10.94 & 11.10.95 and the number of workers who were contaminated
Metric Definition	The monthly & FYTD rates are obtained by multiplying the number of ORPS events by 200,000 hrs & dividing by the number of applicable RWP hrs.
Metric Value	Goal is measured in FYTD rate 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) and Hummingbird Database (RWP hrs)
Grade Criteria	Based on ORPS contamination events & RWP hours
BLUE	<1.5
VIOLET	> 1.5 - < 2.5
GREEN	≥ 2.5 - ≤ 5.0
YELLOW	>5.0 - ≤ 7.5
RED	> 7.5
Data Entry/Verification/Validation	Automatic pull from STAR & Hummingbird Database, 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

**M&O Non-ORPS
Radioactive Material/Contamination
Radiological Protection (Quillin)
Through June 30, 2011**



Title	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11
Non-ORPS Material Issues	0	2	0	0	2	0	0	1	0	0	2	0	0	0	0
Offsite Discovery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Analysis

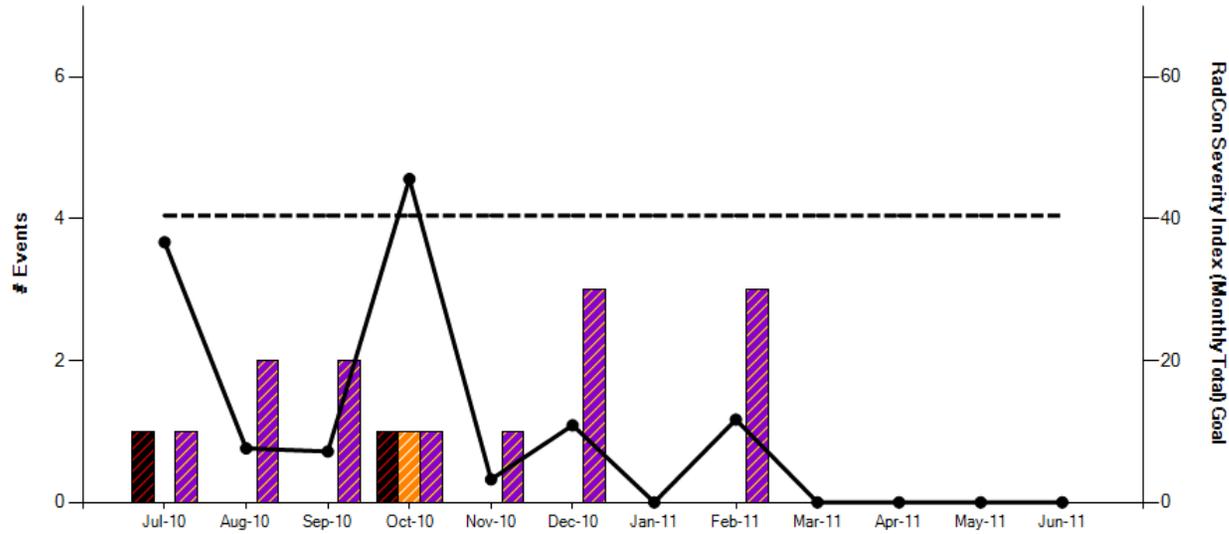
Current Non-ORPS Errors: None

Action: SRS continues to use engineering controls to contain contamination at the source, performs MFO's in the field to assess the work area, and performs fact finding meetings of spread of contamination or radioactive material.

Metric Details	
Metric Title	Non-ORPS Rad Material
Metric Owner/Alternate Owner	Gordon Quillin 2-8389/Greg Tunno 2-8477
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	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 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
BLUE	N/A
VIOLET	N/A
GREEN	N/A
YELLOW	N/A
RED	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

Rad Con Severity Index SRNS Through June 30, 2011



Title	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11
M&O RWP Hours	59,978	52,529	55,833	70,221	62,004	55,184	63,211	51,432	57,076	53,677	58,794	46,764
M&O Cumm. Hours (FY)	550,099	602,628	658,461	70,221	132,225	187,409	250,620	302,052	359,128	412,805	471,599	518,363
ORPS - Cat 1/R,2	1	0	0	1	0	0	0	0	0	0	0	0
ORPS - Cat 3,4	0	0	0	1	0	0	0	0	0	0	0	0
NOR	1	2	2	1	1	3	0	3	0	0	0	0
Rad Con Points	11	2	2	16	1	3	0	3	0	0	0	0
Rad Con Severity Index (FY)	24	22.57	21.26	45.57	25.71	21.34	15.96	15.23	12.81	11.14	9.75	8.87
Rad Con Severity Index (Month)	36.68	7.61	7.16	45.59	3.23	10.87	0	11.67	0	0	0	0
% Of Goal (Month)	91%	19%	18%	113%	8%	27%	0%	29%	0%	0%	0%	0%
Score												

Metric Details	
Metric Title	Rad Con Severity Index
Metric Owner/Alternate Owner	Gary Flowers
Metric SME/POC	Chuck Hayes
Metric Functional Group	Rad Con - Lagging Indicator
Metric Goal	FY11 Rad Con Severity Index Goal = 42.57

Metric Description	This metric measures the monthly Rad Con Severity Index. The monthly Index is calculated by multiplying the monthly Rad Con Points by 200,000 hours and then dividing by the total monthly hours. The FY Index is determined by multiplying the number of Rad Con points by 200,000 hours and then dividing it by the total FY hours.
Metric Definition	<p>Radiological Contamination events are those that impact personnel or equipment. Each of these required reporting, tracking, evaluation, and resolution due to the serious nature of such contamination. Rad Con events are scored based on assigned severity weighting:</p> <p>STAR CAT 1,2 = 10 pts STAT CAT 3, 4 = 5 pts Non-ORPS = 1 pt</p>
Metric Value	Index is a unit
Metric Reporting Frequency	Monthly
Metric Requirements Drivers	None
Data Source(s):	STAR Database (Chip Patterson SME)
Equivalent Statistical Process Chart (SPC)	None
Grade Criteria	Percent of Target
BLUE	75 % of Goal > 2 Months
VIOLET	< 75 % of Goal
GREEN	≥ 75 % of Goal
YELLOW	> 100 % of Goal
RED	> 125 % of Goal
Data Entry/Verification/Validation	Automatic data pull from Medgate,TACS, SATS (any other hours sources that can be referenced)
Scorecard Inquiry	Please report any Scorecard technical issue to Raine Weimortz or Steve Rich or radiological related questions to Ellen Parrish

The FY10 goal is based on the FY2008 full year of data. That year had a Rad Con severity index of 42.57. The FY11 goal remains the same.