

August 9, 2017

Site ALARA Committee Meeting Minutes

The Site ALARA Committee and Change Control Board Teleconference was held at 10:00 am.

Rollcall was performed and Quorum was met for the SAC and CCB. (See Attached)

1) Introduction: Greg Tunno

Greg welcomed everyone to the meeting.

2) Environmental ALARA : Teresa Eddy

Teresa presented the Liquid Discharges ALARA guide status for May 2017 and the Air Emissions ALARA guide status for May 2017. She requested approval for an increase in the Airborne emission for F Area (See attached). Request was approved by the board.

3) Over Issuance of TLDs: Wendy Jordan

Wendy gave a presentation on the number of TLDs issued per facility to personnel with no RWT and the percent of total TLDs issued with not RWT. She stated that she would send a list to facility managers of personnel who have been assigned badges over the last 5 years and do not have RWT or signed in on an RWP. She also stated that ProRad was being rewritten and would include a alert to the RPD when issuing someone a badge x amount of times without them being RWT.

2) Review of 2nd Quarter Performance: Pamela Powell

2nd Quarter PI were reviewed (See Attached)

3) Review of +/- 25% Discrepancy: Facility Representatives

(Note: All doses are in rem)

HCA-	Target 6.63	vs	Actual 4.061 (-38.75)
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Rick Burns discussed the TRM project work with the high rates that they have been doing.

Their rates have not been as high as expected and they are performing good ALARA practices.

They requested to reduce their 3rd quarter goal by 1.2 rem. Request was approved by the board.

HBL -	Target 1.10	vs	Actual 0.705 (-35.91%)
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Requested to reduce 3rd quarter goal by .5 rem. Request was approved by the board.

Clab	Target 3.5	vs	Actual 4.602 (+31.49%)
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Terry Pifer discussed the OGE outage and RA entries. No request to change goals.

SWM	Target 1.8	vs	Actual 2.316 (+28.67%)
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Verne Mooneyhan discussed the TRU shipments to WIPP and the overpack of highroad containers on pad 17. No request to change goals.

INF	Target 1.0	vs	Actual 1.891 (+89.1%)
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Terry Pifer discussed the URS radiography jobs. No request to change goals.

KAC	Target 9.8	vs	Actual 4.406 (-55.04%)
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Chuck Reames discussed the North CRM job that was not completed. IAEA performed very little work when they came. The construction work that was planned was completed in 4th quarter of 2016. The Rapid Improvement Event has also cut their exposure. They requested to reduce their 3rd and 4th quarter goal by 3.5 rem. Request was approved by the board.

SRNL requested to increase their 3rd quarter goal by 2.5 rem and their 4th quarter goal by 3.0 rem due to the affect of TLD background reduction and 776-10A gallery inspections (HRA entries). Request was approved by the board.

In closing Dave Eyler commented on the his appreciation of the efforts of looking into the over issuance of TLDs. Jim Wilson discussed the increase in ACL for AREVA (to 900) and SRR personnel (to 750) for the evaporator work. Meeting was adjourned at 1030.

ATTENDANCE ROSTER

Quarter/Year: 2/2017

<u>✓</u>	<u>Chair</u> David Eyler (Chair) Mike Borders (Vice Chair)	<u>✓</u>	<u>Alternate</u> Wyatt Clark Jim Wilson
<u>✓</u> <u>✓</u> <u>✓</u> <u>✓</u> <u>*</u> <u>✓</u> <u>✓</u> <u>✓</u> <u>✓</u> <u> </u>	<u>SAC Voting Member</u> Greg Tunno (Ex. Secretary) Kliss McNeel (ESH&Q) Deborah Solomon (SRTE) Verne Mooneyhan (SWM/TRU) Steve Wilkerson (NMD) Janice Lawson (NMSP)* Mark Flake (SRNL) Doug Bumgardner (TF) Joel Cantrell (WT) JC Wallace (Engineering) Jim Wilson (LWO RPD) Tim West (EC&ACP)	<u>✓</u> <u> </u> <u> </u> <u>✓</u> <u> </u> <u> </u> <u> </u> <u> </u> <u> </u> <u>✓</u> <u> </u>	<u>Alternate</u> Kent Williams Mary Flora Ruby Parks Robert Minnick Richard Burns Durwood Melvin Scott Craft William Harris Cindy Head

*Chuck Beames designee for Janice Lawton. See email

***Member may be represented by designated alternate. At least 2 members from each company are required for an official vote. CCB = Chair/Vice Chair* + 5 other members = 6 Total May be represented by designated alternate.**

Quorum Met: Yes No

**SITE ALARA COMMITTEE
&
CHANGE CONTROL BOARD**

ATTENDANCE ROSTER

Other Meeting Attendees (print name)

David Roberts

Terry Pifer

Teresa Eddy

Donald Bartheld

Chuck Beames

Wendy Jordan

Chuck Sanders

John Gall

Kevin Webster

Lauren Hill

Kevin Wells



**Re: Fw: 2nd Quarter Site ALARA Committee Meeting Teleconference
REMINDER**

Janice Lawson to: Pamela02 Powell
Cc: Robbie Black, Chuck Reames

08/09/2017 08:10 AM

Since I am tied up with an Issue Review, Robbie Black and Chuck Reames will be representing K and L.

Thank you, Janice

J. L. Lawson| SRNS |K-Area Complex/L-Area Facility Manager| Savannah River Site, 704-K |
janice.lawson@srs.gov | Office: 803-557-3871| Mobile: 803-507-4101| Pager 803-725-PAGE Beeper
17631

Pamela02 Powell

Please be reminded that our meeting is TODAY,...

08/09/2017 07:10:31 AM

From: Pamela02 Powell/SRNS/Srs
To: Amy Meyer/SRNS/Srs@Srs, Austin02 Owen/DOE/Srs@SRS, Billy Giddings/SRNL/Srs@Srs, Carol Hunter/SRR/Srs@Srs, Charles Sanders/SRR/Srs@Srs, Chuck Reames/SRNS/Srs@Srs, Charles Warren/SRNS/Srs@Srs, Cindy Head/SRR/Srs@Srs, Craig McMullin/SRNS/Srs@Srs, David Eyler/SRNS/Srs@Srs, David Potocik/SRNS/Srs@Srs, Dean Thames/SRR/Srs@srs, Debd Solomon/SRNS/Srs@Srs, Dennis Hadlock/SRNS/Srs@Srs, Douglas Bumgardner/SRR/Srs@Srs, Durwood Melvin/SRNS/Srs@Srs, Edwin Deshong/DOE/Srs@Srs, Gerald Achenbach/DOE/Srs@SRS, Greg Tunno/SRNS/Srs@srs, Jack Parker/DOE/Srs@SRS, James Wallace/SRNS/Srs@Srs, James Wilson/SRR/Srs@Srs, Janice Lawson/SRNS/Srs@Srs, Joel Cantrell/SRR/Srs@Srs, John Gall/SRR/Srs@Srs, Kent Williams/SRNS/Srs@SRS, Kevin Webster/SRNS/Srs@Srs, Lauren Hill/DOE/Srs@SRS, Mary Flora/SRNS/Srs@Srs, Paul Shedd/SRR/Srs@srs, Dale Brantley/SRNS/Srs@srs, Richard Burns/SRNS/Srs@SRS, Robert Minnick/SRNS/Srs@Srs, Scott Craft/SRNS/Srs@Srs, Teresa Eddy/SRNS/Srs@Srs, Terry Pifer/SRNS/Srs@Srs, Theodore Padezanin/SRNS/Srs@Srs, Timothy02 West/SRNS/Srs@Srs, Ruby Parks/SRNS/Srs@Srs, Verne Mooneyhan/SRNS/Srs@Srs, Wendy Jordan/SRNS/Srs@srs, Wyatt Clark/SRNS/Srs@SRS, Donald Barfield/SRNS/Srs@Srs
Cc: Cathy Torres/SRR/Srs@Srs, David-W Roberts/SRNS/Srs@Srs, Donald Zahaba/SRNS/Srs@srs, Greg Joyner/SRNS/Srs@Srs, Harriet Priester/SRNS/Srs@Srs, Kirby Coggin/SRR/Srs@srs, Michael Cothran/SRR/Srs@Srs, Page Courtney/SRNS/Srs@Srs, Robbie Black/SRNS/Srs@Srs, Thomas Smith/SRNS/Srs@Srs
Date: 08/09/2017 07:10 AM
Subject: Fw: 2nd Quarter Site ALARA Committee Meeting Teleconference REMINDER

Please be reminded that our meeting is **TODAY, August 9th at 10 am.**

- **Phone number and access code (208-4111 ID number 25825)**
- **Meeting room link (**
<http://samesrv2.srs.gov/stmeetings/room/pamela02.powell@srs.gov/test-pamela-powell>**).**

[attachment "2nd Qtr Mtg.ppt" deleted by Janice Lawson/SRNS/Srs]

We will be hosting the meeting from the 735-B Conference Room if anyone is in the area and wants to join us.

2nd Quarter Site ALARA Committee Meeting

Greg Tunno

Radiological Protection Director

Savannah River Nuclear Solutions, LLC
08/09/2017

2nd Quarter Review

735-B

AGENDA

- | | |
|---------------------------------------|---------------|
| 1. Introduction | Greg Tunno |
| 2. Environmental ALARA | Teresa Eddy |
| 3. Over Issuance of TLDs | Wendy Jordan |
| 3. 2nd Quarter Performance Indicators | Pamela Powell |
| 8. $\pm$ 25% Discrepancy | Facility Reps |

2017 Environmental ALARA Guides Status

Teresa Eddy
Environmental ALARA Chair

Savannah River Nuclear Solutions, LLC
August 8, 2017

Site ALARA Committee

Liquid Discharges ALARA Guide Status May 2017

Area	YTD TED (mrem)	Projected Annual TED (mrem/yr)	ALARA Guide (mrem/yr)	YTD % of Guide	Projected % of Guide
A-Area	4.49E-06	1.08E-05	8.00E-05	5.6%	13.5%
F-Area	7.45E-06	1.79E-05	4.00E-04	1.9%	4.5%
F-Tk Farm	5.86E-05	1.41E-04	1.00E-03	5.9%	14.1%
H-Area	5.06E-05	1.22E-04	2.76E-03	1.8%	4.4%
H-ETP	1.35E-04	3.24E-04	7.25E-03	1.9%	4.5%
H-Tk Farm	7.39E-04	1.77E-03	8.65E-03	8.5%	20.5%
K-Area	2.94E-07	7.05E-07	1.14E-05	2.6%	6.2%
L-Area	4.68E-06	1.12E-05	9.45E-05	4.9%	11.9%
S-Area	3.58E-06	8.60E-06	1.50E-05	23.9%	57.3%
Tritium	1.55E-05	3.72E-05	9.30E-05	16.7%	40.0%
Site Totals	1.02E-03	2.45E-03	2.04E-02	5.0%	12.0%

Air Emissions ALARA Guide Status May 2017

Area	YTD TED (mrem)	Projected Annual TED (mrem/yr)	ALARA Guide (mrem/yr)	YTD % of Guide	Projected % of Guide
A-Area	2.21E-05	5.31E-05	2.50E-04	8.8%	21.2%
C-Area	5.63E-05	1.35E-04	1.54E-04	36.5%	87.7%
F-Area	3.92E-04	9.42E-04	4.68E-04	83.8%	201.2%
H-Area	4.99E-04	1.20E-03	5.00E-03	10.0%	24.0%
H-ETP	0.00E+00	0.00E+00	1.00E-07	0.0%	0.0%
H-Tk Farm	1.49E-10	3.57E-10	1.00E-06	0.0%	0.0%
K-Area	6.84E-04	1.64E-03	2.05E-03	33.3%	80.0%
L-Area	6.56E-04	1.57E-03	1.95E-03	33.6%	80.7%
S-Area	3.45E-07	8.29E-07	1.00E-05	3.5%	8.3%
Tritium	1.87E-02	4.50E-02	8.95E-02	20.9%	50.2%
Z-Area	6.96E-09	1.67E-08	5.00E-06	0.1%	0.3%
Site Totals	2.10E-02	5.05E-02	9.94E-02	21.2%	50.8%

Airborne Emissions- F-Area ALARA Guide Status

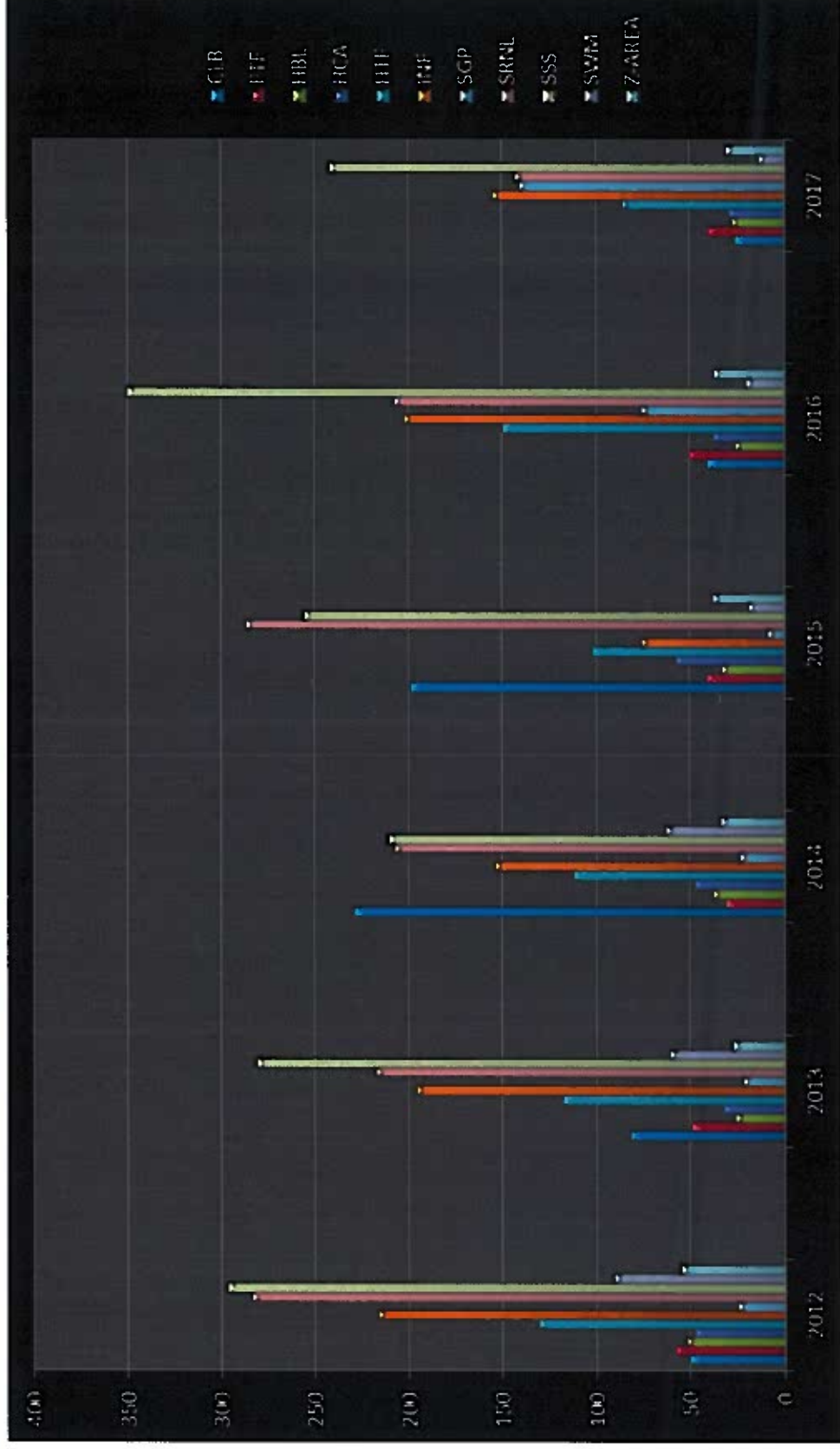
- May 2017 YTD TED is 3.92E-04 mrem – YTD 83.8% and Projected 201.2% of Guide for F-Area
- Rolling 12 month sum-of-fractions of the DCS exceeded 1.00 for 291-F stack in February 2017. ECA submitted an exceedance investigation memorandum and addendums, as required (3Q18.5).
 - Condensation was determined to be contributor to the elevated analytical results.
 - Correction actions included: 1) Deconning the sample line, 2) Re-insulating the sample line to raise the temperature in sample line above dew point
- ECA continues to submit to the Environmental ALARA Committee chairperson addendums to the exceedance investigations until the data trends indicate the issue is resolved.

Airborne Emissions- F-Area ALARA Guide Status

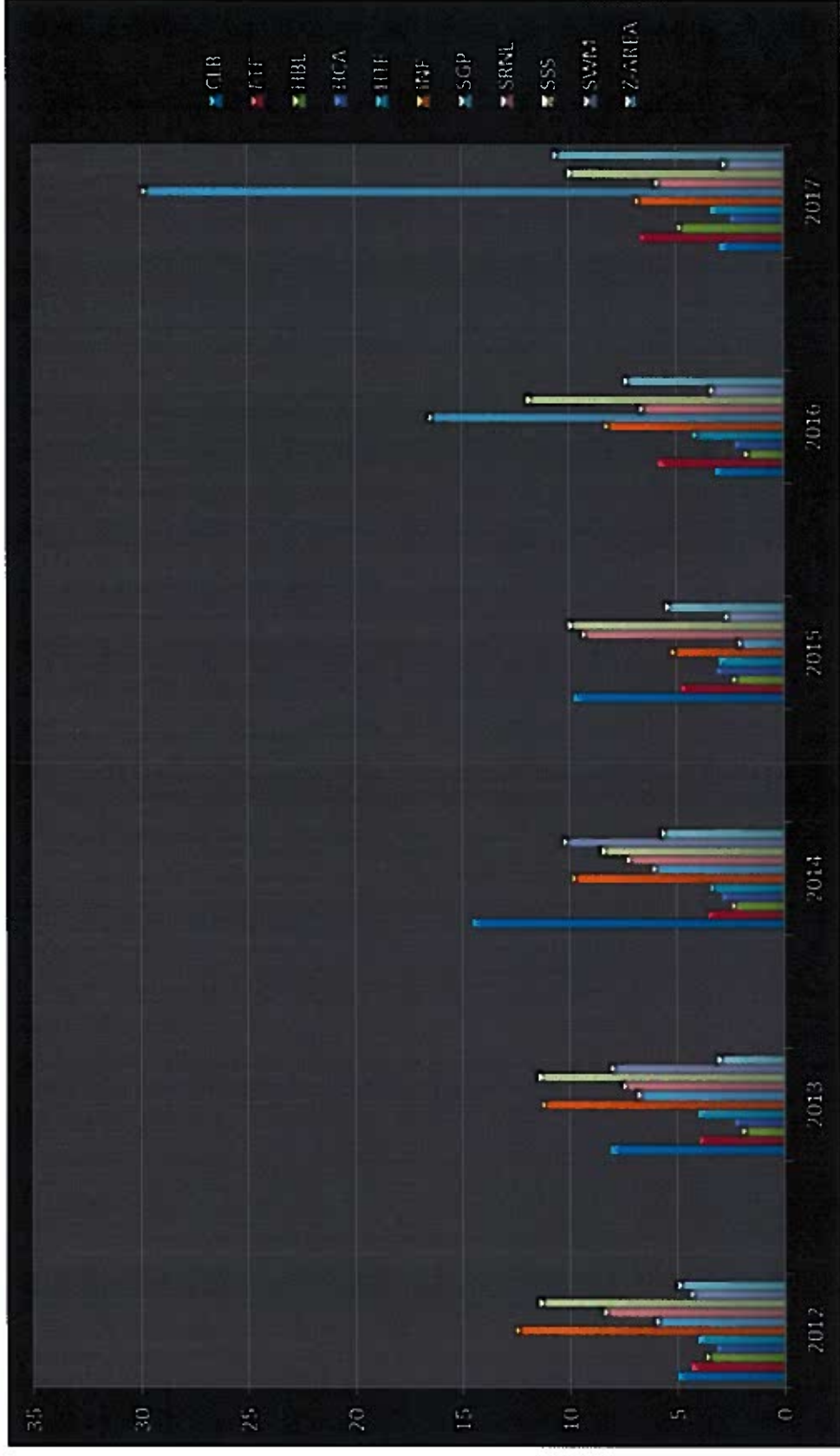
Current from Draft June 2017 MRRR

	YTD TED (mrem)	Projected Annual TED (mrem/yr)	ALARA Guide	YTD % Of Guide	Projected % Of Guide
Current	5.17E-04	1.03E-03	4.68E-04	110%	220%
Proposed	5.17E-04	1.03E-03	1.87E-03	28%	55%

Number of TLDs issued to employees – No RWT

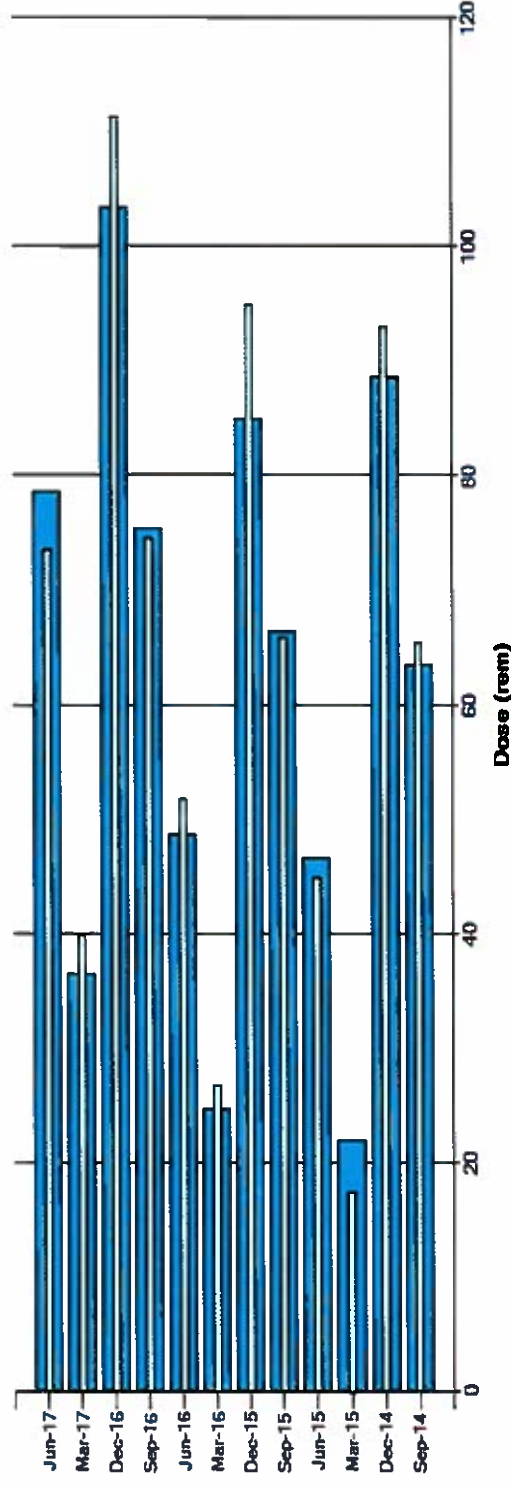


Percent of Total TLDs Issued with no RWT



M&O Dose vs Goal

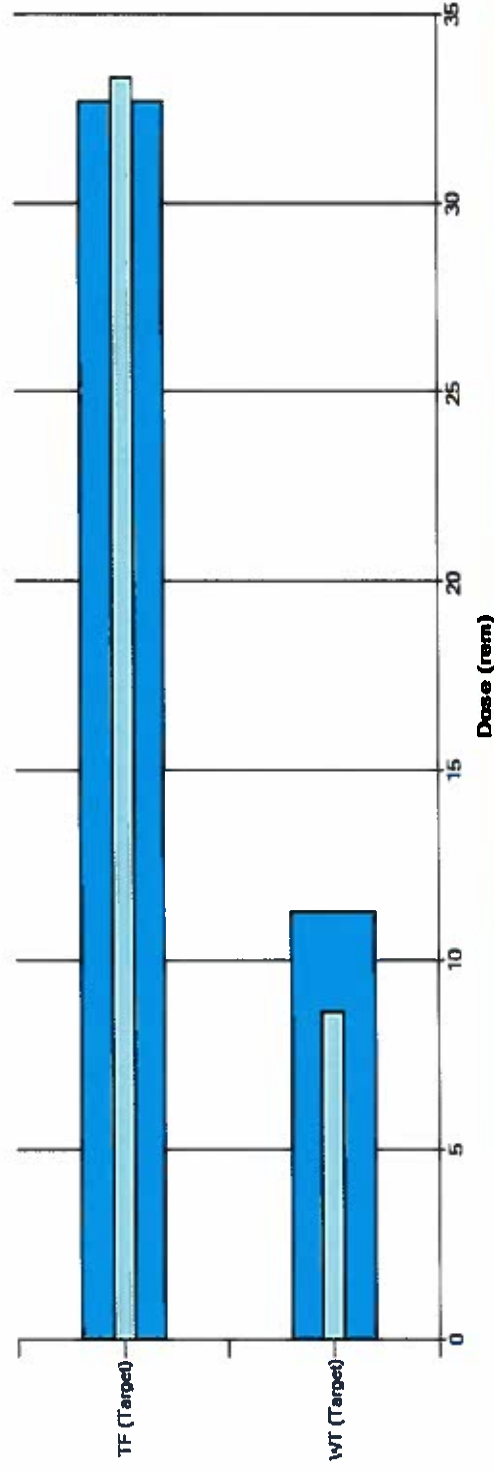
Site Cumulative Dose vs. Goal (YTD)
Radiological Protection Facility Specific
 Through June 30, 2017



Edit	Annotate	Title	Sep-14	Dec-14	Mar-15	Jun-15	Sep-15	Dec-15	Mar-16	Jun-16	Sep-16	Dec-16	Mar-17	Jun-17
		Centera YTD Target	1.53	2.58	0.4	0.8	1.2	1.6	0.4	0.8	3.2	4	1	2
		Centera YTD Dose	1.317	2.638	0.035	0.646	1.075	2.173	0.506	2.566	2.873	4.206	0.852	1.973
		Centera Percent	13.92%	2.26%	91.25%	19.25%	10.42%	35.81%	26.5%	220.75%	10.22%	5.15%	14.8%	1.35%
		Score: Centera Percent	>=10%	<10%	>=25%	>=15%	>=10%	>=25%	>=25%	>=25%	>=10%	<10%	>=10%	<10%
Edit	Annotate	SRNL YTD Target	3.9	5.5	1.4	2.6	3.8	5	1.4	2.8	4.2	6.4	1.6	7.2
		SRNL YTD Dose	3.364	5.274	1.562	2.941	4.342	6.208	1.513	3.001	5.015	7.776	3.747	7.829
		SRNL Percent	13.74%	4.11%	11.57%	13.12%	14.26%	24.16%	8.07%	7.18%	19.4%	21.5%	134.19%	8.74%
		Score: SRNL Percent	>=10%	<10%	>=10%	>=10%	>=10%	>=20%	<10%	<10%	>=15%	>=20%	>=25%	<10%
Edit	Annotate	EM YTD Target	23.66	30.15	7.04	13.955	21.12	27.96	7.33	14.62	22.88	35.885	13.705	25.39
		EM YTD Dose	20.091	28.724	4.076	14.912	21.154	28.051	7.353	17.557	25.92	38.678	9.967	20.593
		EM Percent	15.08%	4.73%	42.1%	6.86%	0.16%	0.33%	0.31%	20.09%	13.29%	7.78%	27.27%	18.89%
		Score: EM Percent	>=15%	<10%	>=25%	<10%	<10%	<10%	<10%	>=20%	>=10%	<10%	>=25%	>=15%

LWO Dose vs Goal

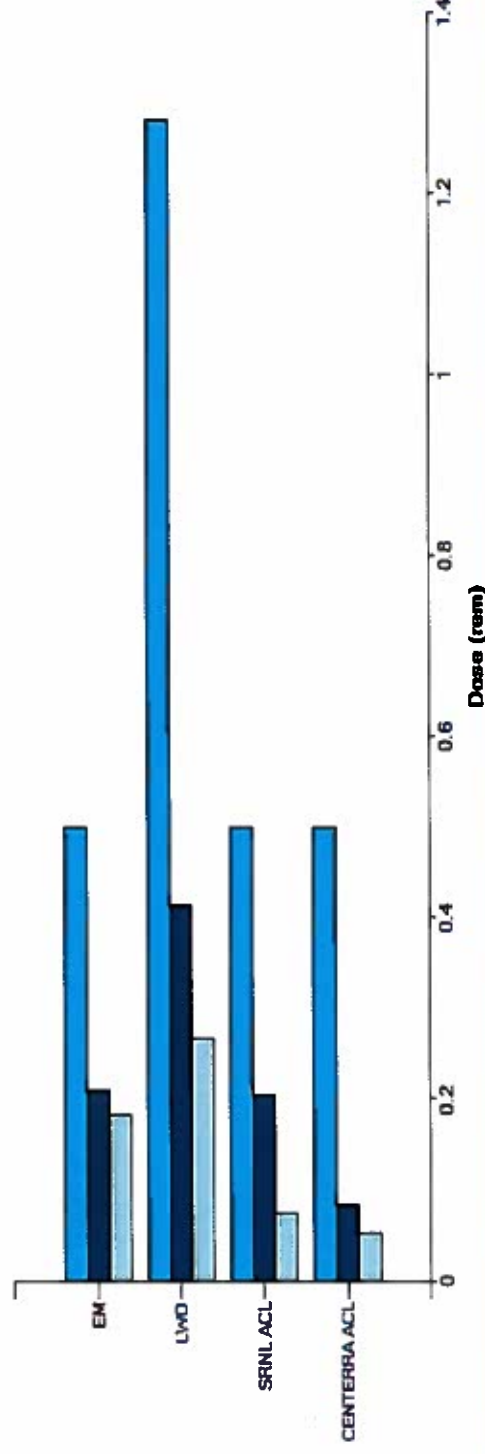
YTD LWO Cumulative Dose vs. Goal by Facility
Radiological Protection
 Through June 30, 2017



Edit	Annotate	Title	Jun-17
	Annotate	WT (Target)	11 295
		WT (Actual)	8 625
		WT Percent	23 64%
		Score: WT Percent	>=20%
Edit	Annotate	TF (Target)	32 68
	Annotate	TF (Actual)	33 318
		TF Percent	1 95%
		Score: TF Percent	<10%
		Internal Non- Tritium Dose	0
		Internal Tritium Dose	0
		Total Target	43 975
		Total Dose	41 943
		LWO Percent	4 62%
		Score: LWO Percent	<10%

Maximum Individual Dose

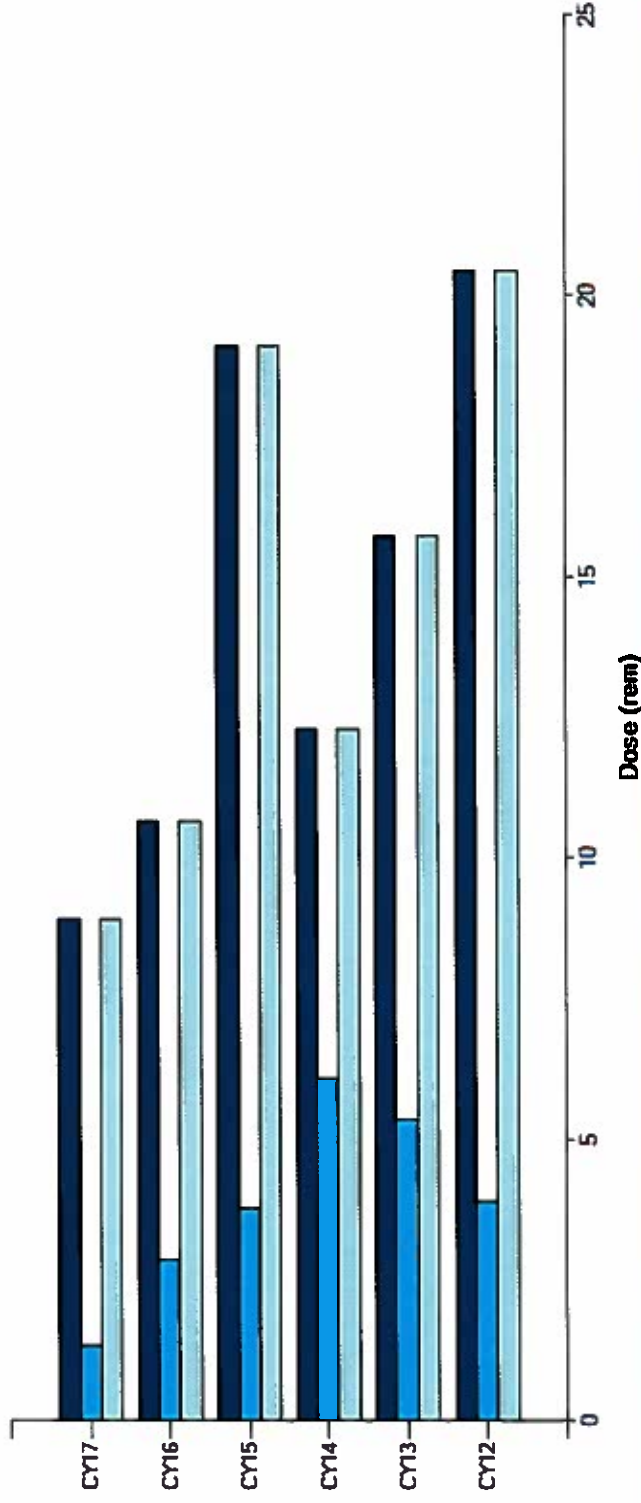
Site Maximum Individual Cumulative Dose (YTD)
Radiological Protection Facility Specific
Through June 30, 2017



Annotate	Title	Jun-17
Annotate	EM ACL	0.5
Annotate	EM Maximum Dose YTD	0.21
Annotate	EM Maximum Dose QTR	0.182
Annotate	LWO ACL	1.28
Annotate	LWO Maximum Dose YTD	0.414
Annotate	LWO Maximum Dose QTR	0.266
Annotate	SRNL ACL	0.5
Annotate	SRNL Maximum Dose YTD	0.205
Annotate	SRNL Maximum Dose QTR	0.075
Annotate	CENTERRA ACL	0.5
Annotate	CENTERRA Maximum Dose YTD	0.084
Annotate	CENTERRA Maximum Dose QTR	0.053

Maximum Extremity

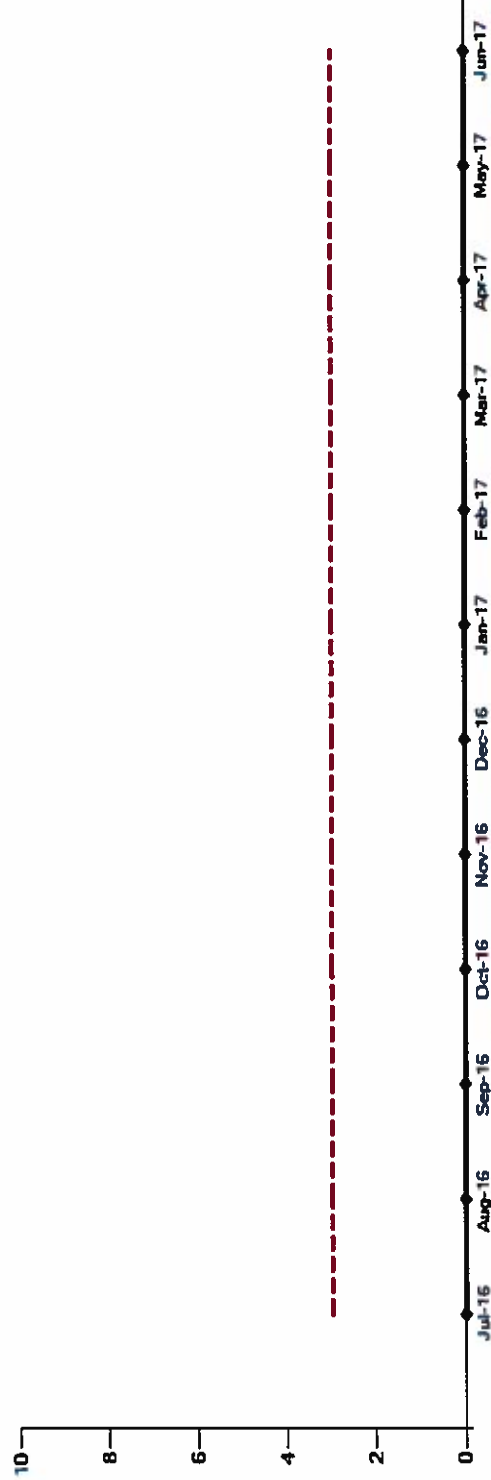
SRS Historical Extremity Dose (YTD)
Radiological Protection Facility Specific
 Through August 02, 2017



	Title	CY12	CY13	CY14	CY15	CY16	CY17
Annotate	SRS Maximum Extremity Dose	20.437	15.708	12.283	19.095	10.634	8.896
Annotate	EM Maximum Extremity Dose	3.881	5.348	6.094	3.778	2.866	1.334
Annotate	LWO Maximum Extremity Dose	20.437	15.708	12.283	19.095	10.634	8.896

M&O ORPS PerCon

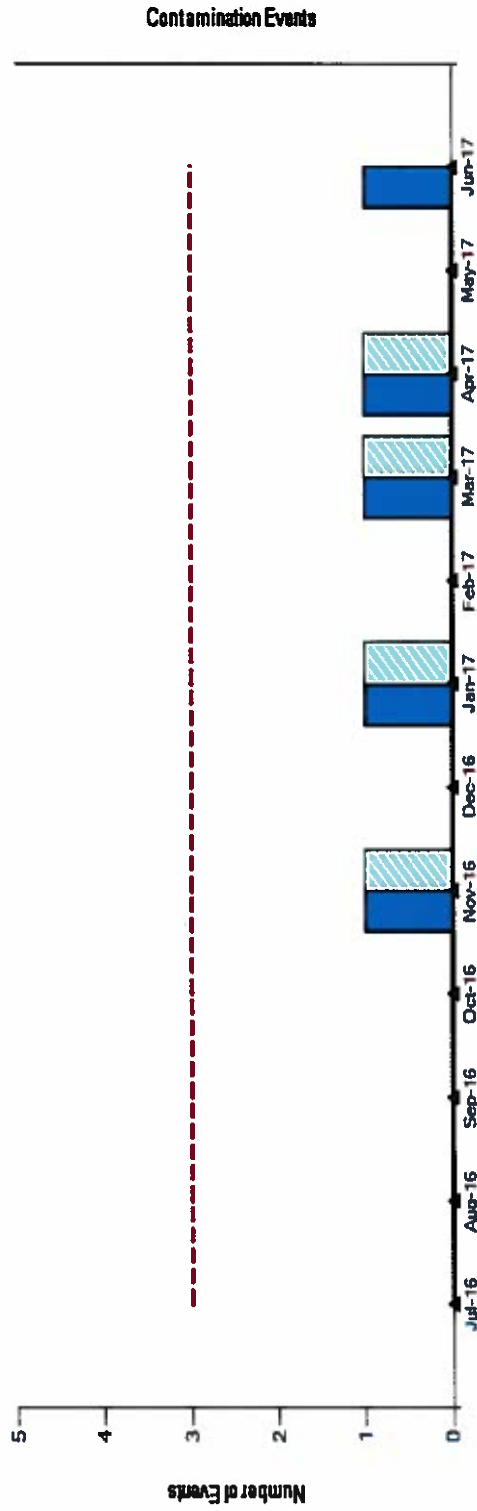
Radiological Safety Performance (EM, NNSA, Centerra) ORPS Personnel Contamination Events Through June 30, 2017



Title	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17
Annotate Contamination Events	0	0	0	0	0	0	0	0	0	0	0	0
Contamination Events (FY)	0	0	0	0	0	0	0	0	0	0	0	0
Site Work Hours	798,904	1,028,919	781,305	737,549	824,242	869,585	673,620	841,264	1,018,233	794,368	861,013	1,020,408
Rad Worker Hrs. (Month)	482,939	630,237	468,025	374,151	427,743	474,990	381,060	500,789	626,576	482,762	511,865	585,840
Rad Worker Hrs. (FY)	5,137,044	5,767,280	6,235,305	374,151	801,894	1,276,884	1,657,945	2,158,734	2,785,310	3,268,072	3,779,937	4,365,777
Annotate Fiscal YTD Rate	0	0	0	0	0	0	0	0	0	0	0	0
Monthly Rate	0	0	0	0	0	0	0	0	0	0	0	0
Annotate Goal	3	3	3	3	3	3	3	3	3	3	3	3
Score Fiscal YTD Rate	<=1.5	<=1.5	<=1.5	<=1.5	<=1.5	<=1.5	<=1.5	<=1.5	<=1.5	<=1.5	<=1.5	<=1.5

M&O Non ORPS PerCon

Radiological Safety Performance (EM, NNSA, Centerra) Non-ORPS/ORPS Personnel Contamination Events/Cases Through June 30, 2017



Title	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17
Annotate Non-ORPS Cont. Errors	0	0	0	0	1	0	1	0	1	1	0	1
Edit Annotate Non-ORPS Cont. Cases	0	0	0	0	1	0	1	0	1	1	0	0
Annotate Goal	3	3	3	3	3	3	3	3	3	3	3	3
Site Work Hours	798,904	1,028,919	781,305	737,549	824,242	869,585	673,620	841,264	1,018,233	794,368	861,013	1,020,408
Rad Work Hours (Monthly)	482,939	630,237	468,025	374,151	427,743	474,990	381,060	500,789	626,576	482,762	511,865	585,840
Rad Work Hours (FY)	5,137,044	5,767,280	6,235,305	374,151	801,894	1,276,884	1,657,945	2,158,734	2,785,310	3,268,072	3,779,937	4,365,777
Annotate ORPS Event Monthly Rate	0	0	0	0	0	0	0	0	0	0	0	0
Annotate ORPS Event FYTD Rate	0	0	0	0	0	0	0	0	0	0	0	0
Score: ORPS Event FYTD Rate	<=1.5	<=1.5	<=1.5	<=1.5	<=1.5	<=1.5	<=1.5	<=1.5	<=1.5	<=1.5	<=1.5	<=1.5

M&O Non ORPS PerCon

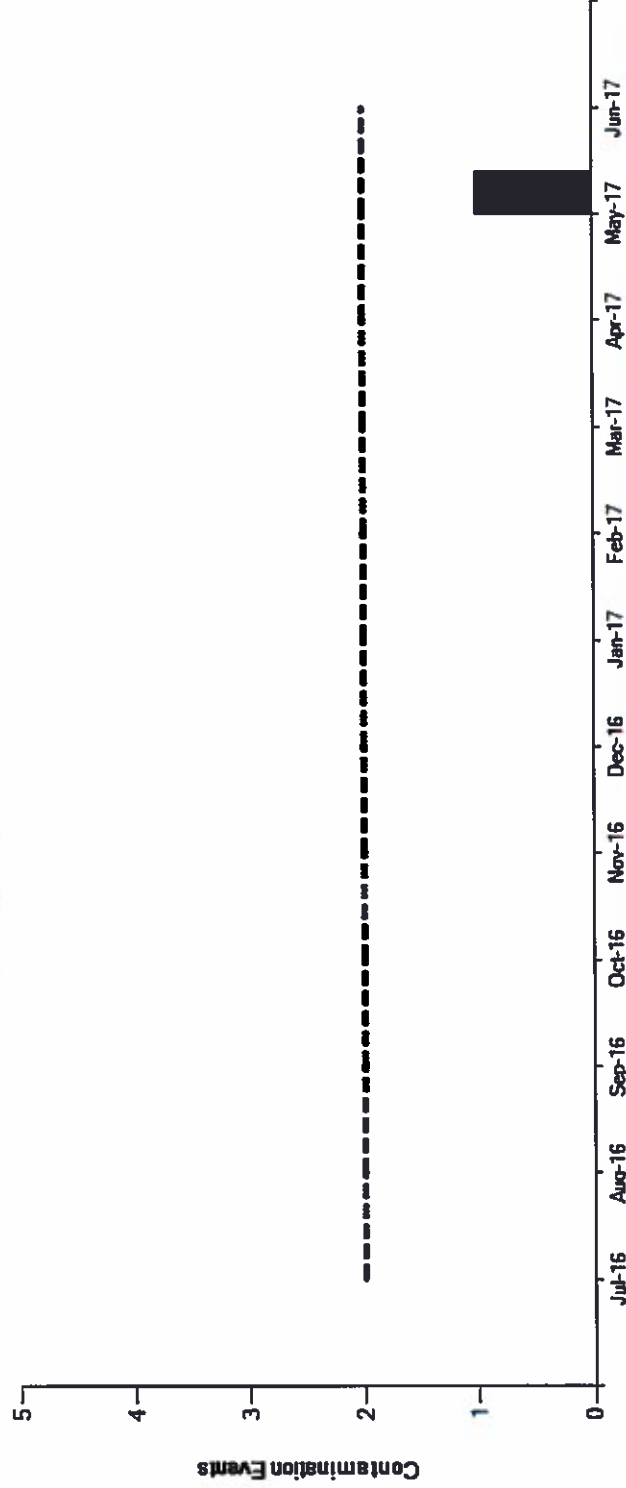
- In April of 2017 a Lab Tech working in 772-1F was preparing to move a bottle of liquid return to a temporary storage location. As the uncapped bottle was picked up, it slipped and contaminated liquid contacted the lab coat and left forearm area of Lab Tech. The Lab Tech doffed the outer pair of gloves and lab coat and proceeded to the safety shower to flush for 15 minutes. RPD surveys revealed 2000 dpm alpha and ND beta-gamma on the forearm. The Lab Tech was escorted to the Decon Room and was successfully deconned.

M&O Non ORPS PerCon

- While drawing a sample from an aqueous oil drum in the Manipulator Repair Shop, two personnel were contaminated when some of the liquid from a tube was splattered as it was removed from the drum. One person had 2000 dpm beta-gamma on their modesty clothing (shirt) and 6000 dpm beta-gamma on their badge lanyard. A observer in the RBA had 500,000 dpm beta-gamma on the sole of the left shoe and 50,000 dpm beta-gamma on the sole of the right shoe. Both persons were escorted to the decon facility by RPD.

M&O ORPS Rad Mat/Area

Radiological Safety Performance (EM, NNSA, Centerra) ORPS Radioactive Material/Area Contamination Detected Outside of Radiological Areas Through June 30, 2017



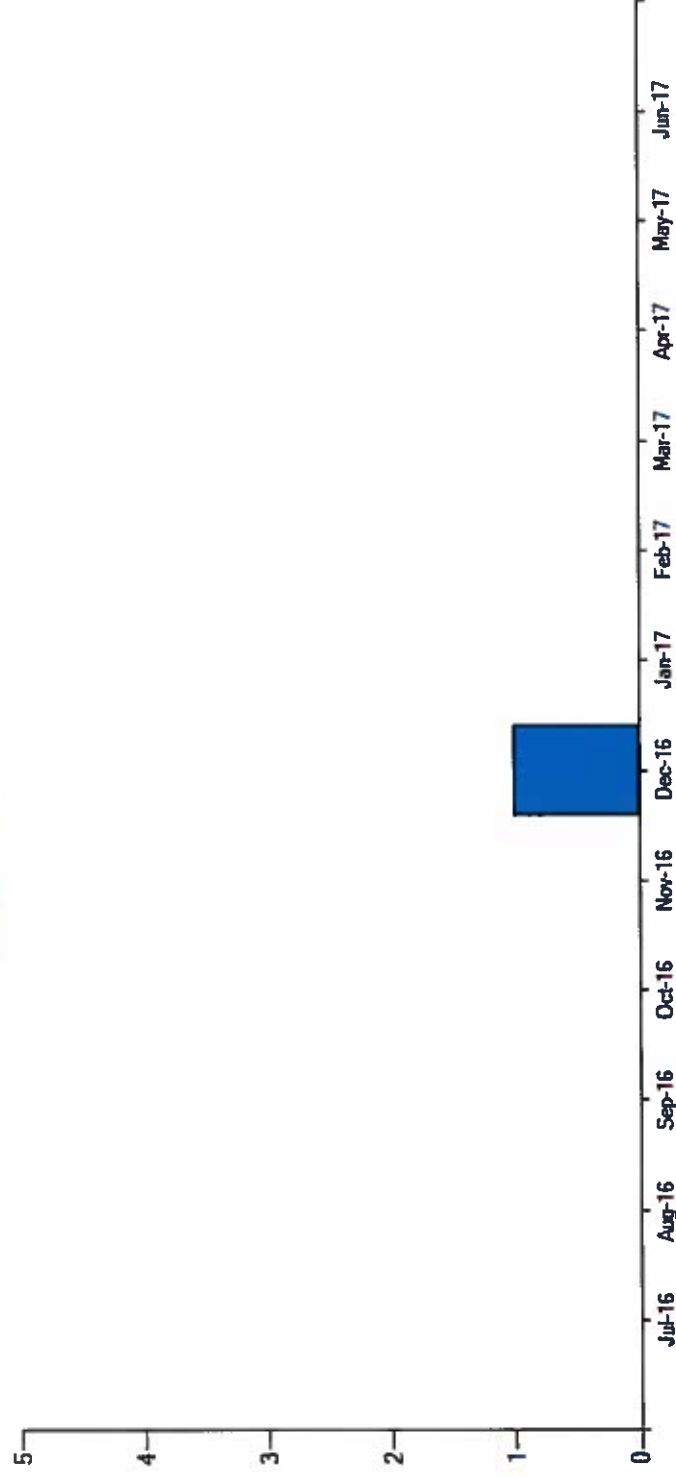
Edit	Annotate	Title	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17
		Offsite Contamination Events	0	0	0	0	0	0	0	0	0	0	0	0
		Score: Offsite Contamination Events	=0	=0	=0	=0	=0	=0	=0	=0	=0	=0	=0	=0
		Contamination Events	0	0	0	0	0	0	0	0	0	0	1	0
		Score: Contamination Events	<=1	<=1	<=1	<=1	<=1	<=1	<=1	<=1	<=1	<=1	<=1	<=1

M&O ORPS Rad Mat/Area

- While Radiological Protection Department (RPD) inspectors were performing monthly surveys on TRU Pad 4, the inspector identified contamination on top of TRU waste drum. Initial probe of drum lid was 2200 dpm/alpha. The drum was stored in a Radiological Material Area (RMA) on TRU Pad 4 at the time survey.

M&O Non ORPS Rad Mat/Area

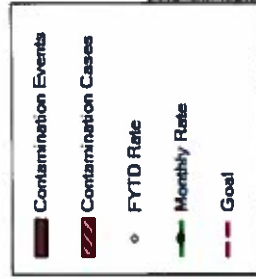
Non-ORPS (EM, NNSA, Centerra) Radioactive Material/Area Contamination Radiological Protection Through June 30, 2017



Title		Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17
Annotate	Non-ORPS Material Issues	0	0	0	0	0	0	1	0	0	0	0	0
Edit	Offsite Discovery	0	0	0	0	0	0	0	0	0	0	0	0

LWO ORPS Percon

LWO RADIOLOGICAL SAFETY PERFORMANCE Reportable Personnel Contamination Events Through June 30, 2017



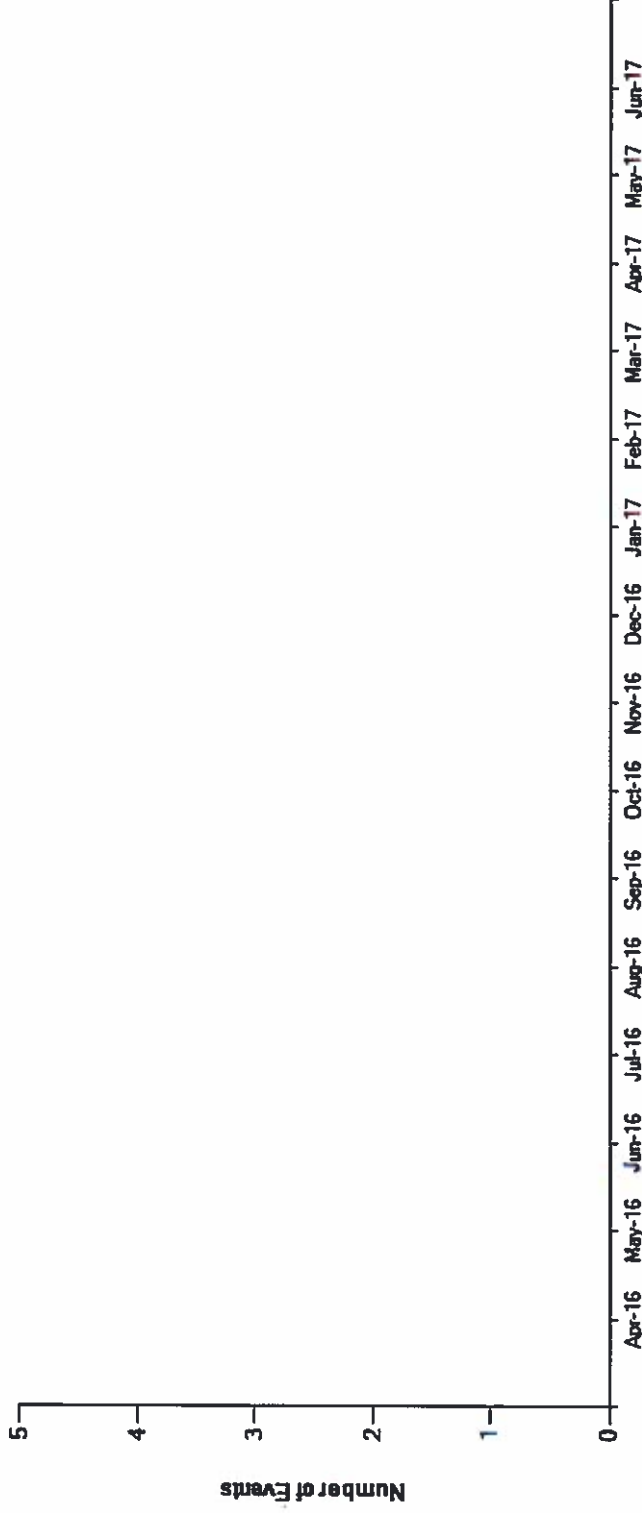
6
4
2
0



Title		Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17
Annotate	Contamination Events (FY)	0	0	0	0	0	0	0	0	0	0	0
Edit	Contamination Cases	2	2	0	0	0	0	0	0	0	0	0
Edit	Contamination Cases	0	0	0	0	0	0	0	0	0	0	1
	LWO Hours (Month)	430,738	416,966	360,106	380,030	345,366	376,793	369,148	414,665	351,994	399,639	394,511
	LWO Rad Worker Hours (Month)	280,168	281,577	258,104	273,358	240,255	270,227	266,744	299,381	254,532	286,392	277,879
	LWO Rad Worker Hours (FY)	2,966,680	3,248,257	258,104	531,462	771,717	1,041,944	1,308,687	1,608,068	1,862,600	2,148,992	2,426,871
	LWO Rad Workers (Month)	1416	1460	1541	1535	1504	1524	1516	1501	1486	1487	1501
Edit	LWO Workers	2177	2162	2150	2134	2162	2125	2098	2079	2055	2075	2131
Annotate	FYTD Rate	0.13	0.12	0	0	0	0	0	0	0	0	0
Annotate	Monthly Rate	0	0	0	0	0	0	0	0	0	0	0
Annotate	Goal	3	3	3	3	3	3	3	3	3	3	3
	Score: FYTD Rate	<=1.5	<=1.5	<=1.5	<=1.5	<=1.5	<=1.5	<=1.5	<=1.5	<=1.5	<=1.5	<=1.5

LWO Non ORPS PerCon

LWO RADIOLOGICAL SAFETY PERFORMANCE Non-ORPS Reportable Personnel Contamination Errors/Cases Through June 30, 2017



Title		Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17
Annotate	Non-ORPS Reportable Cont. Errors	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Edit Annotate	Non-ORPS Reportable Cont. Cases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

LWO ORPS Rad Mat/Area

LWO RADIOLOGICAL SAFETY PERFORMANCE Number of Occurrences of Radioactive Material/Contamination (ORPS) Detected Outside of Radiological Areas

Through June 30, 2017



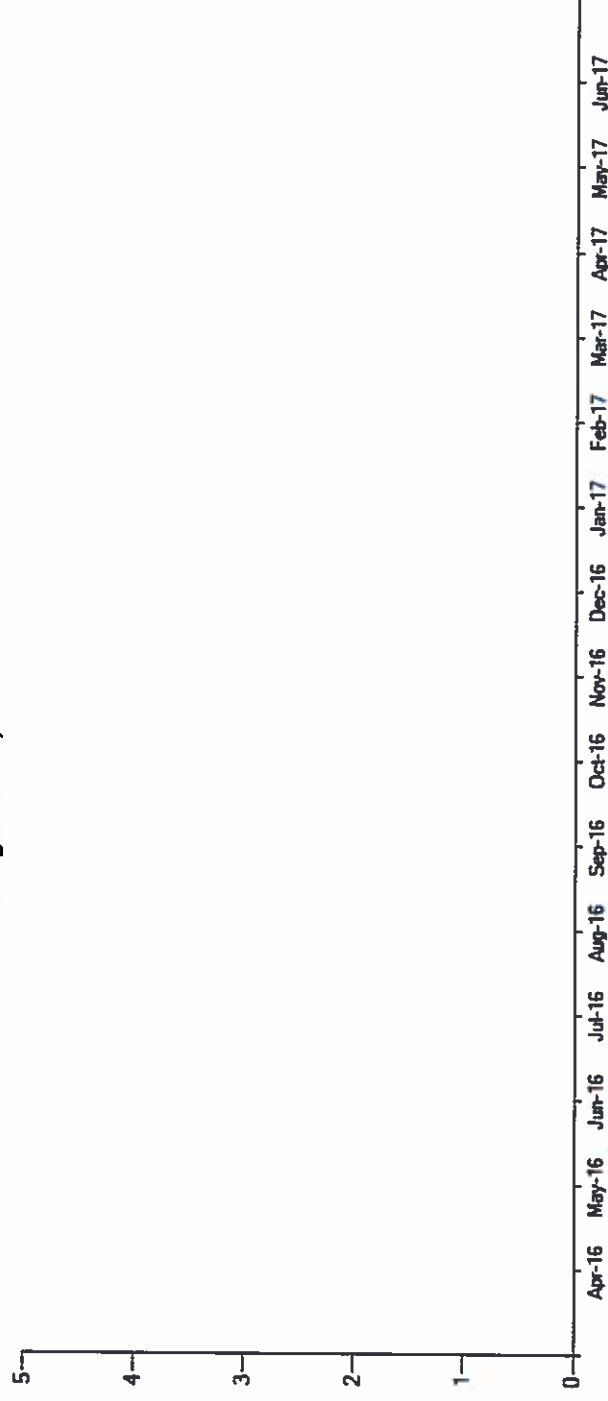
Title		Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17
Annotate	Contamination Events	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Score: Contamination Events	<=1	<=1	<=1	<=1	<=1	<=1	<=1	<=1	<=1	<=1	<=1	<=1	<=1	<=1	<=1
Edit Annotate	Offsite Contamination Events	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

LWO Non ORPS Rad Mat

LWO Non-ORPS Radioactive Material/Contamination

LWO

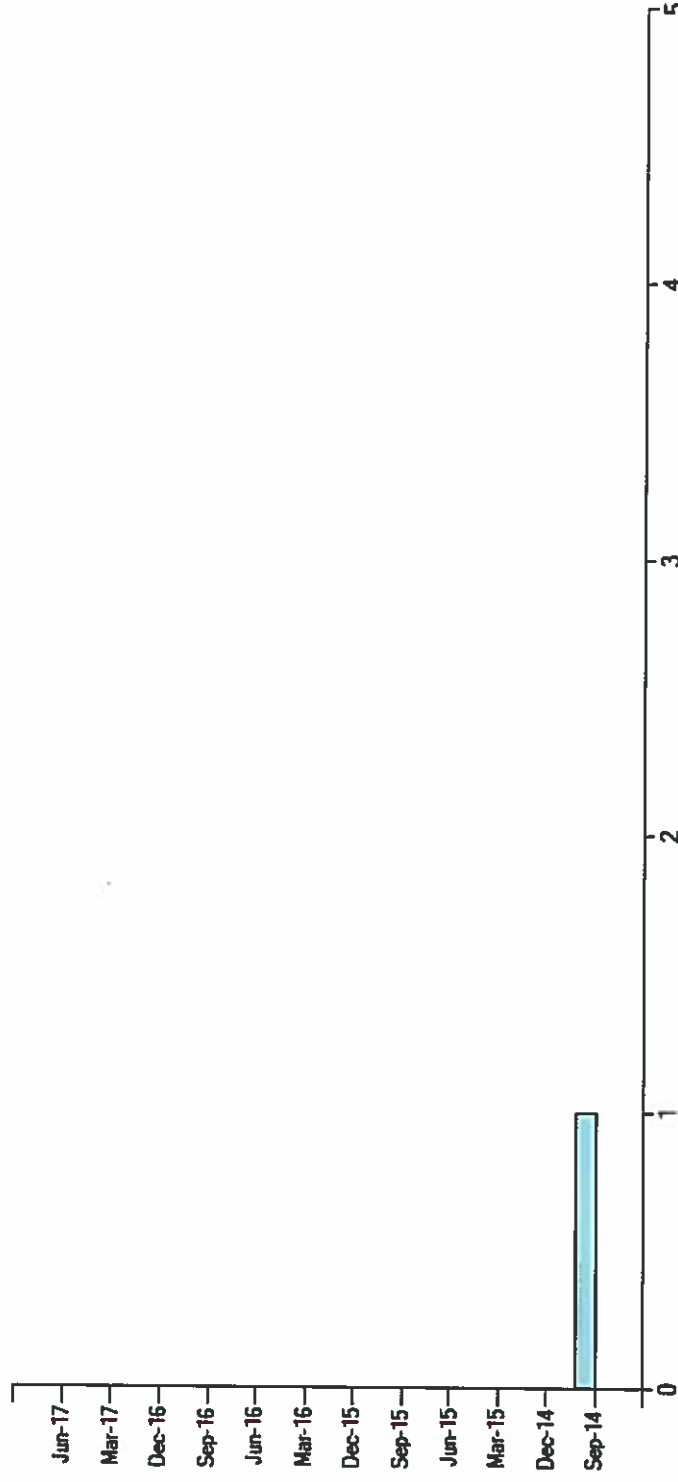
Through June 30, 2017



Title		Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17
Annotate	Non-ORPS Material Issues	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Edit	Offsite Discovery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Intakes – M&O

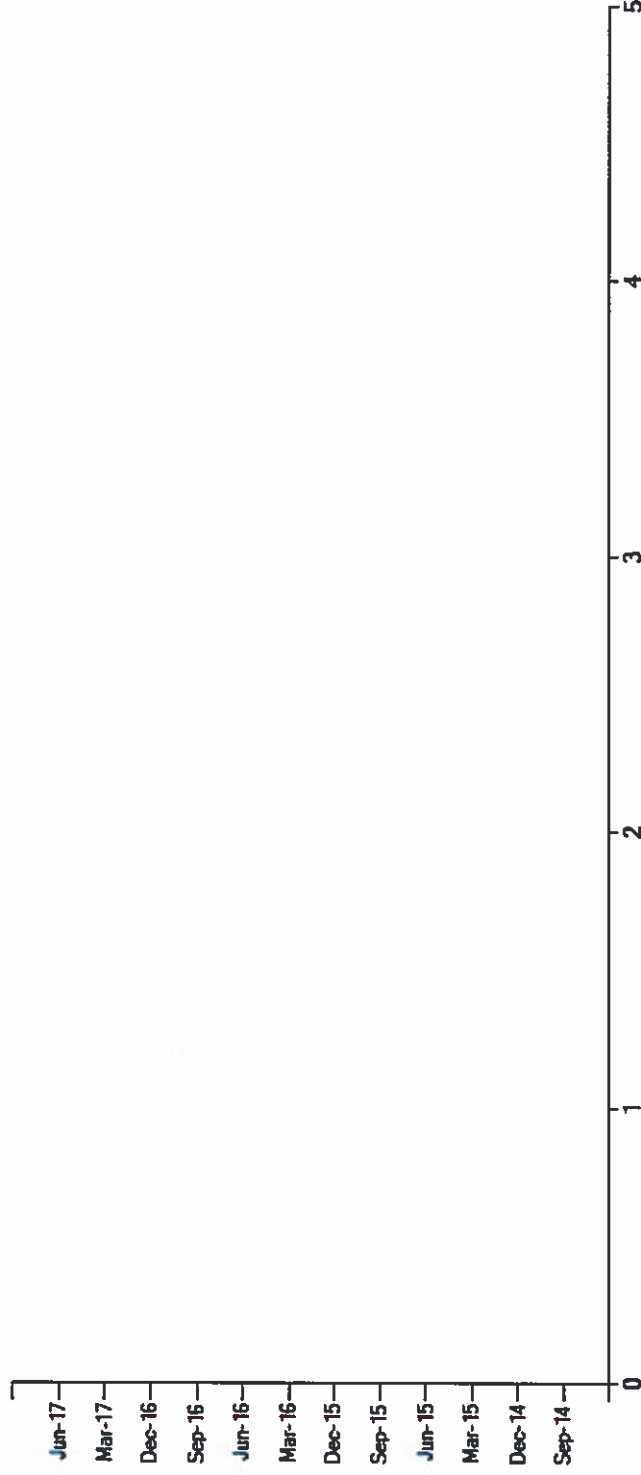
Internal Exposure EM, NNSA, Centerra Through June 30, 2017



Title		Sep-14	Dec-14	Mar-15	Jun-15	Sep-15	Dec-15	Mar-16	Jun-16	Sep-16	Dec-16	Mar-17	Jun-17
Edit	Annotate	Cases > 100 mrem											
		1	0	0	0	0	0	0	0	0	0	0	0
Edit	Annotate	Cases > 500 mrem											
		0	0	0	0	0	0	0	0	0	0	0	0

Intakes - LWO

LWO Internal Exposure Through June 30, 2017



	Title	Sep-14	Dec-14	Mar-15	Jun-15	Sep-15	Dec-15	Mar-16	Jun-16	Sep-16	Dec-16	Mar-17	Jun-17
Edit Annotate	Cases > 100 mrem	0	0	0	0	0	0	0	0	0	0	0	0
Edit Annotate	Cases > 500 mrem	0	0	0	0	0	0	0	0	0	0	0	0

+/- 25% Discrepancy - HCA

HCA Quarterly Target	6.63
HCA Quarterly Dose	4.061
HCA Percent	38.75%
Score: HCA Percent	>=25%

+/- 25% Discrepancy - HCA

- Request to reduce 3rd quarter dose by 1.2 rem
- 3rd quarter goal will be reduced from 10.43 to 9.53
- Annual goal will be reduced from 14.23 to 13.03 rem

+/- 25% Discrepancy - HBL

HBL Quarterly Target	1.1
HBL Quarterly Dose	0.705
HBL Percent	35.91%
Score: HBL Percent	>=25%

+/- 25% Discrepancy - HBL

- Request to reduce 3rd quarter goal by .5 rem
- 3rd quarter goal will be reduced from 1.7 to 1.2
- Annual goal will be reduced from 2.3 to 1.8

+/- 25% Discrepancy - CLab

Central Lab YTD Target	3.5
Central Lab YTD Dose	4.602
Central Lab Percent	31.49%
Score: Central Lab Percent	>=25%

+/- 25% Discrepancy – SWM

Solid Waste YTD Target	1.8
Solid Waste YTD Dose	2.316
SWM Percent	28.67%
Score: SWM Percent	>=25%

+/- 25% Discrepancy – INF

INF YTD Target	1
INF YTD Dose	1.891
INF Percent	89.1%
Score: INF Percent	>=25%

+/- 25% Discrepancy – KAC

K-Area Quarterly Target	9.8
K-Area Quarterly Dose	4.406
K-Area Percent	55.04%
Score: K-Area Percent	>=25%

+/- 25% Discrepancy – KAC

- Request to reduce their 3rd and 4th quarter dose by 3.5 rem
- Will reduce their annual goal from 18.1 to 14.6 rem

SRNL Dose Increase Request

- Request to increase 3rd quarter goal by 2.5 rem
 - 3rd quarter goal will increase from 9.1 to 11.6
 - Request to increase 4th quarter goal by 3.0
 - 4th quarter goal will increase from 11 to 14
 - Annual goal will increase from 11 to 16.5
-
- Affect of TLD background reduction and aging badges
 - 776-10A Gallery Inspections (HRA entries)