

1st Quarter 2025 Site ALARA Committee Meeting Minutes

June 9, 2025

Prepared by Diana Jennings

Introduction

Kent Williams began the meeting by welcoming all attendees. He then addressed the crucial topic of heat stress and emphasized the importance of being aware of the rising temperatures. Kent advised personnel to prioritize completing tasks during the cooler hours of the morning or later in the evening to mitigate the risks associated with heat exposure.

Additionally, Kent highlighted the importance of informing External Dosimetry when dosimetry is taken on travel. He explained that airport x-ray machines frequently result in elevated dosimetry readings. Kent reassured the group that such occurrences are generally unintentional and affirmed that no disciplinary actions would be taken in response to these mistakes.

Environmental ALARA Update

Shane Shull from the Environmental Monitoring Program shared the Environmental ALARA Program data with the group. See slides 4 and 5. Kent inquired about some areas showing 0.00E0 mrem YTD TED and Projected Annual TED (mrem/year). Shane explained that some areas are sampled quarterly, while others are sampled annually. For H-ETP, sampling for the sources 241/81H-ETP-PROCESS and 241/84H-ETP-LAB is annual and is scheduled for the 3rd quarter of 2025. For J-Area, the 291J-SWPF-STACK is sampled quarterly and was last sampled in January 2025. All results from that sampling event were non-detect, leading to all zeroes. No changes were requested.

1st Quarter Performance Indicators

Diana Jennings then discussed the 1st Quarter Performance Indicators. M&O goals versus actual dose were reviewed first. See slide 7. The following facilities exceeded or fell short of the ALARA Goal by more than +/- 25% and were required to provide explanations:

- K-Area: Derek Colligan noted that the work planned for the remainder of the year is expected to increase and bring K Area back within the +/- 25% range. No changes were requested at this time.
- L-Area: Jeremy Mathis acknowledged that there have been operational changes since the initial CY 2025 ALARA Goals were established for L Area. Consequently, an adjustment to these goals was necessary. However, this matter was not discussed during the meeting due to ongoing discussions within the L Area ALARA team. Following the meeting, a goal change request was sent via email (refer to the attached document), proposing a

reduction of the ALARA Goal from 2.690 rem to 2.090 rem for CY 2025. This proposed change received board approval.

- Tritium: Ruby Parks reported that a recent maintenance outage had temporarily halted tritium operations, resulting in lower personnel dose totals. With the conclusion of the maintenance outage, an increase in personnel dose is anticipated. No changes to current ALARA goals were requested at this time.
- SWM: Nicholas Miller reported that Solid Waste Management (SWM) implemented effective ALARA techniques during the 1st Quarter, alongside experiencing a slowdown in TRU waste shipments, which collectively contributed to a reduction in personnel dose. He indicated that no changes to the ALARA Goals were requested at this time.
- INF: Diana Jennings shared that INF monitored approximately 340 individuals during the 1st Quarter, with fewer than 30 of those individuals receiving dose. She noted the challenges in predicting future quarterly doses due to the high number of visitors and subcontractors being monitored and the absence of specific jobs anticipated to increase personnel dose. Ashley Eskew, attending on behalf of Terry Pifer, concurred with this assessment and consequently requested no changes to the ALARA Goals.
- Centerra: Ethan Vanfossen requested adjustments to Centerra's CY 2025 ALARA Goals, citing improved ALARA practices and lower background doses. This request was communicated via email, in conjunction with the L Area's request, and has been approved by the board.

LWO: 1st Quarter Performance Indicators were presented. See slide 8. No comments or questions.

BSRA: 1st Quarter Performance Indicators were presented. See slide 9. Kevin Webster reported that the commencement of the Mark 18 project, originally scheduled for January, was delayed. Additionally, a Technical Safety Requirement (TSR) violation led to a significant work stoppage for a substantial portion of the quarter. These factors contributed to lower personnel doses in Quarter 1. Kevin stated that historical data indicates that BSRA typically experiences low doses in the 1st Quarter but aligns with annual goals by year-end. Consequently, no changes to the current ALARA Goals were requested.

Radiological events for the 1st Quarter were then discussed. See slide 10. Mike Swain inquired whether SRMC had any insights or lessons learned from recent events to share with the group. SRMC indicated that they did not have anything to share at this time.

There have been no intakes of radioactive material greater than 100 mrem for CY 2025. See slide 11.

There were no other comments or concerns, and the meeting was adjourned.

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Site ALARA Committee Meeting

Kent Williams
Radiological Protection Department Director

June 9, 2025

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Agenda





1. Introduction	Kent Williams
2. Environmental ALARA Update	Eric Doman
3. 1 st Quarter Performance Indicators	Diana Jennings

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Environmental ALARA Update

Eric Doman
Environmental Compliance & Area Completion Projects

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2025 Environmental ALARA Guides Status- Liquid Discharges



March 2025 – MONTHLY RADIOACTIVE RELEASES REPORT

Liquid Discharges
ALARA Guide Summary Report for All Areas
March 2025

Area	YTD TED (mrem)	Projected Annual TED (mrem/yr)	Alara Guide (mrem/yr)	YTD % of Guide	Projected % of Guide
A-Area_LIQUID	6.29E-06	2.52E-05	6.00E-05	10.5%	41.9%
F-Area_LIQUID	6.83E-06	2.73E-05	6.10E-04	1.1%	4.5%
F-Tank Farm_LIQUID	3.49E-07	1.40E-06	2.00E-03	0.0%	0.1%
G-Area_LIQUID	5.88E-05	2.35E-04	8.96E-04	6.6%	26.3%
H-Area_LIQUID	6.81E-05	2.72E-04	5.20E-03	1.3%	5.2%
H-ETP_LIQUID	3.84E-05	1.54E-04	1.00E-02	0.4%	1.5%
H-Tank Farm_LIQUID	1.59E-04	6.37E-04	8.65E-03	1.8%	7.4%
K-Area_LIQUID	4.97E-07	1.99E-06	3.50E-04	0.1%	0.6%
L-Area_LIQUID	0.00E+00	0.00E+00	7.98E-04	0.0%	0.0%
S-Area_LIQUID	5.28E-07	2.11E-06	1.65E-04	0.3%	1.3%
Tritium_LIQUID	1.84E-05	7.38E-05	2.43E-03	0.8%	3.0%
Site Totals:	3.57E-04	1.43E-03	3.12E-02	1.1%	4.6%

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2025 Environmental ALARA Guides Status- Airborne Emissions

March 2025 – MONTHLY RADIOACTIVE RELEASES REPORT

Airborne Emissions ALARA Guide Summary Report for All Areas March 2025

Area	YTD TED (mrem)	Projected Annual TED (mrem/yr)	Alara Guide (mrem/yr)	YTD % of Guide	Projected % of Guide
A-Area_AIR	0.00E+00	0.00E+00	1.70E-03	0.0%	0.0%
C-Area_AIR	1.10E-06	4.42E-06	2.50E-04	0.4%	1.8%
F-Area_AIR	9.18E-07	3.67E-06	3.51E-04	0.3%	1.0%
H-Area_AIR	3.20E-06	1.28E-05	4.96E-03	0.1%	0.3%
H-ETP_AIR	0.00E+00	0.00E+00	1.00E-07	0.0%	0.0%
H-Tank Farm_AIR	0.00E+00	0.00E+00	1.00E-06	0.0%	0.0%
J-Area_AIR	0.00E+00	0.00E+00	1.00E-06	0.0%	0.0%
K-Area_AIR	1.63E-05	6.51E-05	4.05E-03	0.4%	1.6%
L-Area_AIR	1.85E-05	7.38E-05	4.75E-03	0.4%	1.6%
S-Area_AIR	2.55E-05	1.02E-04	6.60E-04	3.9%	15.5%
Tritium_AIR	4.84E-03	1.94E-02	3.05E-01	1.6%	6.3%
Z-Area_AIR	0.00E+00	0.00E+00	5.00E-06	0.0%	0.0%
Site Totals:	4.90E-03	1.96E-02	3.22E-01	1.5%	6.1%


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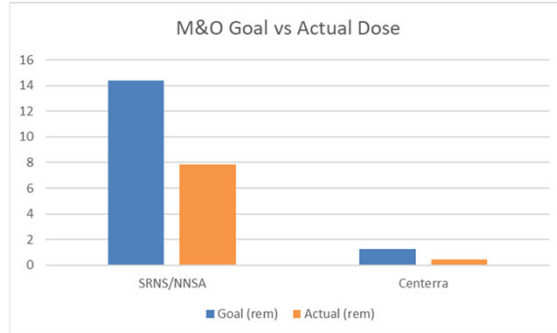
1st Quarter Performance Indicators

Diana Jennings
Site ALARA Coordinator

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M&O Performance Indicators – 1st Quarter



	Goal (rem)	Actual (rem)	Percent
SRNS/NNSA	14.405	7.866	-45
Centerra	1.25	0.449	-64

Maximum Individual Dose

	YTD (rem)
Whole Body	0.214 (NMM)
Extremity	5.334 (NMM)

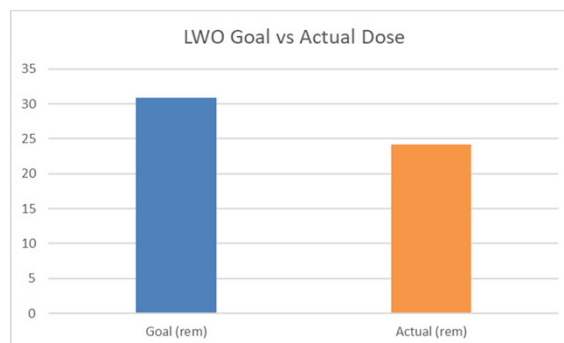
Facilities +/- 25%

Facility	Goal (rem)	Actual (rem)	Percent
K Area	8.85	5.17	-41
L Area	0.63	0.187	-70
Tritium	0.75	0.136	-81
SWM	1.1	0.365	-66
INF	1	0.086	-91

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LWO Performance Indicators – 1st Quarter



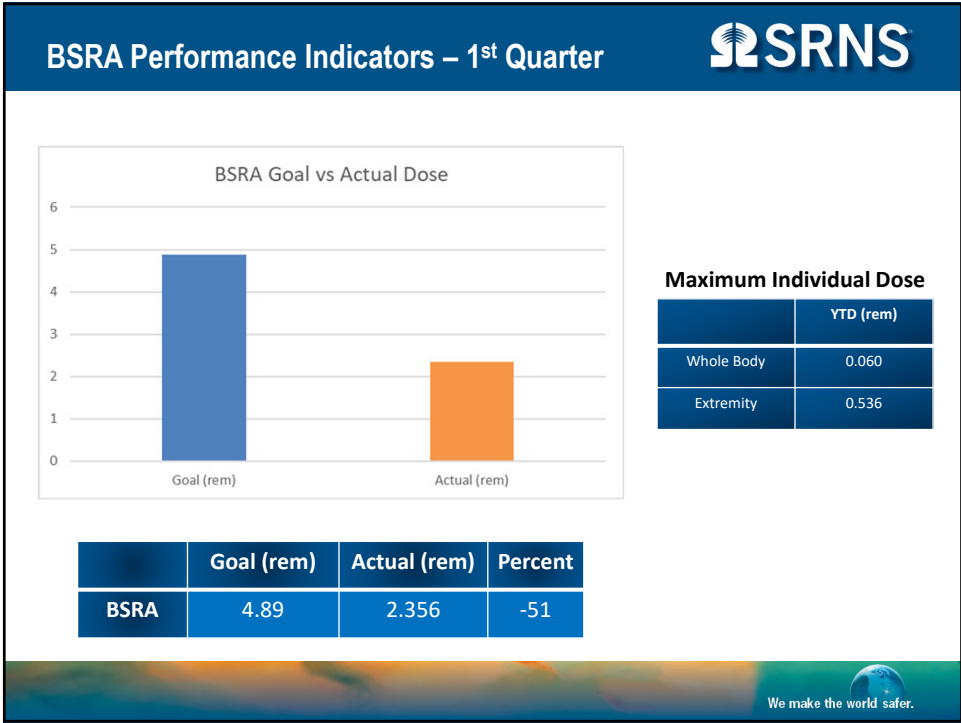
	Goal (rem)	Actual (rem)	Percent
LWO	30.865	24.232	-21

Maximum Individual Dose



	YTD (rem)
Whole Body	0.302 (SWP)
Extremity	4.567 (299)

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Radiological Events				
Title	QTR 1	Event		
M&O ORPS PerCon				
M&O Non ORPS PerCon				
M&O ORPS Rad Mat				
M&O Non ORPS Rad Mat				
SRMC ORPS PerCon	1	Personnel Alarmed the ARGOS at Tank 35		
SRMC Non ORPS PerCon	2	(2) ARGOS Alarms in SWPF		
SRMC ORPS Rad Mat	1	Tank 35 CSMP placement into B-50 Waste box – Released contamination		
SRMC Non ORPS Rad Mat	1	DWPF – Contamination found in RBA/ Controlled Area		
BSRA ORPS PerCon	1	Shoe Contamination		
BSRA Non ORPS PerCon	1	Lab B-107 Contaminated Lab Coat		
BSRA ORPS Rad Mat				
BSRA Non ORPS Rad Mat				
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Intakes



Title	CY 2025
M&O > 500 mrem	0
M&O > 100 mrem	0
SRMC > 500 mrem	0
SRMC > 100 mrem	0
BSRA > 500 mrem	0
BSRA > 100 mrem	0



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SITE ALARA COMMITTEE & CHANGE CONTROL BOARD

ATTENDANCE ROSTER

Meeting Date: June 9, 2025

Quarter/Year: 1st Quarter/ 2025

<u>X</u> _____ _____	<u>Chair</u> Mike Swain Lisa Amidon (Vice Chair) (SRMC)	<u>Alternate</u> Janice Lawson Wes Bryan
<u>X</u> <u>X</u> <u>X</u> _____ <u>X</u> <u>X</u> _____ <u>X</u> _____ <u>X</u> <u>X</u> _____	<u>SAC Voting Member</u> Kent Williams (Ex. Secretary) Duane McLane (ESH&Q) Deborah Solomon (SRTE) Anthony Carraway (SWM/TRU) Kevin Moeller (NMD) Maxwell Smith (NMSP) Geoffrey Smoland (SRNL) John Gall (SRMC) Doug Bumgardner (SRMC) Glen Johnson Teresa Eddy	<u>Alternate</u> Roy Windham Ruby Parks Terry Pifer Scott Craft Rodell Evans Kevin Webster Carol Hunter Sean Heath John Rockelmann

Quorum Requirements: SAC = Chair/Vice Chair + 7 other members* = 8 total

***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 SAC: Yes

Quorum Met CCB: Yes

**SITE ALARA COMMITTEE
&
CHANGE CONTROL BOARD**

ATTENDANCE ROSTER

Other Meeting Attendees (print name)

Diana Jennings	
David Roberts	
Jim Woods	
*Ashley Eskew attending for Terry Pifer	

1. Summary

Meeting title	Site ALARA Committee Meeting
Attended participants	43
Start time	6/09/25, 9:46:07 AM
End time	6/09/25, 11:13:53 AM
Meeting duration	1h 27m 46s
Average attendance time	37m 47s

2. Participants

Name	First Join	Last Leave	In-Meeting Du	Email
Diana Jennings	6/09/25, 9:58:35 AM	6/09/25, 11:12:38 AM	36m 48s	Diana.Jennings@srs.gov
Christina Knox	6/09/25, 9:46:09 AM	6/09/25, 10:33:30 AM	47m 20s	Christina.Knox@srnl.doe.gov
Bethany Soles	6/09/25, 9:46:24 AM	6/09/25, 10:34:10 AM	47m 45s	Bethany.Soles@srs.gov
Ashley Eskew	6/09/25, 9:46:36 AM	6/09/25, 10:33:34 AM	46m 58s	Ashley.eskew@srs.gov
Page Courtney	6/09/25, 9:47:00 AM	6/09/25, 10:33:28 AM	46m 28s	page.courtney@srs.gov
Derek Colligan	6/09/25, 9:47:28 AM	6/09/25, 10:33:24 AM	45m 55s	Derek.Colligan@srs.gov
Kristin Brant	6/09/25, 9:49:05 AM	6/09/25, 10:34:00 AM	44m 54s	Kristin.Brant@srs.gov
JOHN ROCKELMANN	6/09/25, 9:49:26 AM	6/09/25, 10:33:40 AM	44m 13s	John.Rockelmann@srs.gov
GLEN JOHNSON	6/09/25, 9:51:55 AM	6/09/25, 10:33:32 AM	41m 37s	GLEN.JOHNSON@srs.gov
Rodell Evans	6/09/25, 9:51:57 AM	6/09/25, 10:33:47 AM	41m 50s	rodell.evans@srs.gov
Casey Williams	6/09/25, 9:52:16 AM	6/09/25, 10:33:28 AM	41m 11s	Casey.Williams@srs.gov
18035573267 (Unverified)	6/09/25, 9:52:34 AM	6/09/25, 10:33:31 AM	40m 57s	
Teresa Eddy	6/09/25, 9:53:17 AM	6/09/25, 10:33:25 AM	40m 8s	teresa.eddy@srs.gov
Joy Epps	6/09/25, 9:54:12 AM	6/09/25, 10:33:27 AM	39m 15s	Joy.Epps@srs.gov
18032088521 (Unverified)	6/09/25, 9:55:11 AM	6/09/25, 10:33:33 AM	38m 22s	
Ruby Parks	6/09/25, 9:55:14 AM	6/09/25, 10:33:26 AM	38m 11s	ruby.parks@srs.gov
Brent Adams	6/09/25, 9:55:25 AM	6/09/25, 10:33:28 AM	38m 3s	Brent.Adams@srs.gov
Eric Doman	6/09/25, 9:55:40 AM	6/09/25, 10:33:31 AM	37m 50s	Eric.Doman@srs.gov
Shane Shull	6/09/25, 9:56:15 AM	6/09/25, 10:33:32 AM	37m 16s	Shane.Shull@srs.gov
18039528253 (Unverified)	6/09/25, 9:56:17 AM	6/09/25, 10:33:34 AM	37m 16s	
Jeremy Mathis	6/09/25, 9:56:19 AM	6/09/25, 10:33:28 AM	37m 8s	Jeremy.Mathis@srs.gov
NELSON, ROBERT K	6/09/25, 9:56:31 AM	6/09/25, 10:33:28 AM	36m 57s	Robert.Nelson@nnsa.srs.gov
Kevin Webster	6/09/25, 9:56:36 AM	6/09/25, 10:33:27 AM	36m 50s	kevin.webster@srnl.doe.gov

Dennis Hadlock	6/09/25, 9:57:16 AM	6/09/25, 10:33:31 AM	36m 15s	dennis.hadlock@srs.gov
PARKER, JACK L	6/09/25, 9:57:19 AM	6/09/25, 10:33:35 AM	36m 15s	Jack.Parker@nnsa.srs.gov
Christopher Williams	6/09/25, 9:57:35 AM	6/09/25, 10:33:25 AM	35m 49s	christopher02.williams@srs.gov
Wayne Minton	6/09/25, 9:57:45 AM	6/09/25, 10:33:32 AM	35m 46s	Wayne.Minton@srs.gov
Scott Craft	6/09/25, 9:57:48 AM	6/09/25, 10:32:44 AM	34m 56s	scott.craft@srs.gov
John Gall	6/09/25, 9:58:09 AM	6/09/25, 11:13:53 AM	1h 15m 44s	John.Gall@srs.gov
Carol Hunter	6/09/25, 9:58:12 AM	6/09/25, 10:33:27 AM	35m 14s	carol.hunter@srs.gov
Ronald Creech	6/09/25, 9:58:24 AM	6/09/25, 10:33:29 AM	35m 4s	Ronald.Creech@srs.gov
Nicholas02 Miller	6/09/25, 9:58:52 AM	6/09/25, 10:33:25 AM	34m 33s	Nicholas02.Miller@srs.gov
VANFOSSEN, ETHAN	6/09/25, 9:58:57 AM	6/09/25, 10:33:35 AM	34m 38s	ethan.vanfossen@srs.gov
730-1B Room 204A/B Area	6/09/25, 9:59:02 AM	6/09/25, 10:33:26 AM	34m 24s	7301broom204abarea@srs.gov
Kevin Moeller	6/09/25, 10:00:13 AM	6/09/25, 10:33:30 AM	33m 17s	Kevin.Moeller@srs.gov
Paul Bordon (Unverified)	6/09/25, 10:00:31 AM	6/09/25, 10:33:41 AM	33m 9s	
18036461045 (Unverified)	6/09/25, 10:00:58 AM	6/09/25, 10:33:37 AM	32m 38s	
Alyson Jennings	6/09/25, 10:01:01 AM	6/09/25, 10:33:28 AM	32m 26s	Alyson.Jennings@srs.gov
Phillip Owens	6/09/25, 10:01:55 AM	6/09/25, 10:33:36 AM	31m 40s	phillip.owens@srs.gov
Kent Rosenberger	6/09/25, 10:02:52 AM	6/09/25, 10:33:35 AM	30m 42s	kent.rosenberger@srs.gov
Maxwell Smith	6/09/25, 10:02:56 AM	6/09/25, 10:33:54 AM	30m 58s	Maxwell.Smith@srs.gov
18035576025 (Unverified)	6/09/25, 10:17:36 AM	6/09/25, 10:33:39 AM	16m 3s	
Jamie Willing	6/09/25, 10:21:10 AM	6/09/25, 10:33:27 AM	12m 16s	jamie.willing@srs.gov

RE: ALARA Goal Changes for Review

From Diana Jennings <Diana.Jennings@srs.gov>

Date Thu 06/12/2025 4:38 PM

To Anthony Carraway <anthony.carraway@srs.gov>; Carol Hunter <carol.hunter@srs.gov>; Debd Solomon <debd.solomon@srs.gov>; Douglas Bumgardner <Douglas.Bumgardner@srs.gov>; Duane Mclane <duane.mclane@srs.gov>; Geoffrey Smoland <geoffrey.smoland@srnl.doe.gov>; GLEN JOHNSON <GLEN.JOHNSON@srs.gov>; Ivonne Amidon <ivonne.amidon@srs.gov>; Janice Lawson <janice.lawson@srs.gov>; John Gall <John.Gall@srs.gov>; JOHN ROCKELMANN <John.Rockelmann@srs.gov>; Kent Williams <Kent.Williams@srs.gov>; Kevin Moeller <Kevin.Moeller@srs.gov>; Kevin Webster <kevin.webster@srnl.doe.gov>; Maxwell Smith <Maxwell.Smith@srs.gov>; Michael Swain <Michael.Swain@srs.gov>; Rodell Evans <rodell.evans@srs.gov>; Roy Windham <roy.windham@srs.gov>; Ruby Parks <ruby.parks@srs.gov>; Scott Craft <scott.craft@srs.gov>

Cc Jeremy Mathis <Jeremy.Mathis@srs.gov>; Jamie Willing <jamie.willing@srs.gov>; VANFOSSSEN, ETHAN <ethan.vanfossen@srs.gov>

Good afternoon,

I have received no objections to the proposed changes so they are approved per the board.

Thanks,

Diana Jennings

Site ALARA Coordinator | Dosimetry Records Group Lead | Health Physics Services

Savannah River Nuclear Solutions, LLC

Building 735-B - Room 120

Office: (803) 952-5825 | SRS Cell: (803) 989-0502

diana.jennings@srs.gov

From: Diana Jennings

Sent: Wednesday, June 11, 2025 1:43 PM

To: Anthony Carraway <anthony.carraway@srs.gov>; Carol Hunter <carol.hunter@srs.gov>; Debd Solomon <debd.solomon@srs.gov>; Douglas Bumgardner <Douglas.Bumgardner@srs.gov>; Duane Mclane <duane.mclane@srs.gov>; Geoffrey Smoland <geoffrey.smoland@srnl.doe.gov>; GLEN JOHNSON <GLEN.JOHNSON@srs.gov>; Ivonne Amidon <ivonne.amidon@srs.gov>; Janice Lawson <janice.lawson@srs.gov>; John Gall <John.Gall@srs.gov>; JOHN ROCKELMANN <John.Rockelmann@srs.gov>; Kent Williams <Kent.Williams@srs.gov>; Kevin Moeller <Kevin.Moeller@srs.gov>; Kevin Webster <kevin.webster@srnl.doe.gov>; Maxwell Smith <Maxwell.Smith@srs.gov>; Michael Swain <Michael.Swain@srs.gov>; Rodell Evans <rodell.evans@srs.gov>; Roy Windham <roy.windham@srs.gov>; Ruby Parks <ruby.parks@srs.gov>; Scott Craft <scott.craft@srs.gov>; Sean Heath <sean.heath@srs.gov>; Teresa Eddy <teresa.eddy@srs.gov>; Terry Pifer <terry.pifer@srs.gov>; Wesley Bryan <wesley.bryan@srs.gov>

Cc: Jeremy Mathis <Jeremy.Mathis@srs.gov>; Jamie Willing <jamie.willing@srs.gov>; VANFOSSSEN, ETHAN <ethan.vanfossen@srs.gov>

Subject: ALARA Goal Changes for Review

Good afternoon,

We are presenting the following changes to ALARA Goals for approval by the Site ALARA Committee Change Control Board:

L Area requests a reduction from 2.690 rem to 2.090 for CY 2025.

The SFP ALARA team evaluated historical performance data, current manning profiles in Ops and RP, as well as a Facility change of schedule from a 7-day operation to a 4-day operation and determined significant estimate reductions were required in both Base Routine Operations and Special Work to incorporate lessons learned and develop a challenging estimate. In addition, SFP ALARA reviewed remaining work for 2025 and provided more refined estimate for work scheduled later in the year. Estimate exposure for all four quarters were adjusted accordingly.

Centerra is also requesting a reduction from 5 rem to 2.5 rem for CY 2025.

Centerra has had changes in post locations which uses distance as an improved ALARA practice and lower background readings.

Please direct any questions to Jeremy Mathis (L Area) or Ethan Vanfossen (Centerra). If there are no objections by close of business tomorrow, 6/12/2025, these goals will be considered approved per the Site ALARA Committee Change Control Board.

Thanks,

Diana Jennings

Site ALARA Coordinator | Dosimetry Records Group Lead | Health Physics Services
Savannah River Nuclear Solutions, LLC
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