

2nd Quarter 2025 Site ALARA Committee Meeting Minutes

September 15, 2025

Prepared by Diana Jennings

Prior to the commencement of the meeting, a quorum was established for the Site ALARA Committee and the Change Control Board. See attached roster.

Introduction/ Safety Topic

Roy Windham welcomed all attendees. He addressed the recent news reports concerning Cesium-137 contamination found in shrimp from Indonesia and additional contaminated items such as shoes and clothing. He emphasized the importance of being vigilant in case any contaminated items are inadvertently brought on-site and detected in the field.

Environmental ALARA Update

Eric Doman presented the Environmental ALARA Update up to June 2025. Refer to slides 4-6. There were no questions or comments.

2nd Quarter Performance Indicators

Diana Jennings reviewed the 2nd Quarter Performance Indicators, starting with M&O goals versus actual doses. Refer to slide 8. 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 requested a 1.5 rem reduction in ALARA Goals due to the completion of FCA work. He indicated that higher dose material is scheduled to be processed for the remainder of the year, anticipating increased quarterly totals. The board approved the requested change.
- **Tritium:** Ruby Parks reported a maintenance outage had resulted in lower personnel dose totals. No changes were requested for this quarter, but reevaluation is planned after this quarter's completion.
- **SWM:** Anthony Carraway noted that preparation for shielded container work led to less mining. Mining is expected to resume. No ALARA goal changes were requested.
- **INF:** Terry Pifer explained that only approximately 10% of monitored individuals were receiving dose. Given the diverse range of monitored groups, no changes were requested.
- **Centerra:** Ethan Vanfossen requested adjustments to Centerra's CY 2025 ALARA Goals due to a continued downward trend in dose totals. The request to reduce the total for CY 2025 from 2.5 rem to 1.5 rem was approved by the board.

LWO: The 2nd Quarter Performance Indicators were presented. Refer to slide 9. There were no comments or questions.

BSRA: The 2nd Quarter Performance Indicators were presented. Refer to slide 10. Kevin Webster stated that work was halted due to a Technical Safety Requirement (TSR) violation but should resume in the coming weeks. Crane issues have also delayed some work, impacting dose totals. The Mark 18 project is expected to start soon. No changes were requested at this time.

The discussion on radiological events for the 2nd Quarter followed. Refer to slide 11. There were no questions or comments.

There have been no intakes of radioactive material exceeding 100 mrem for CY 2025. Refer to slide 12.

Roy Windham concluded the meeting by commending all companies for their efforts in maintaining a low number of radiological events during the 2nd Quarter. He also reminded attendees of the SRNS Senior Management announcement that the general Administrative Control Level (ACL) for SRNS would be 2 rem for CY 2026 to support upcoming NNSA projects.

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

**SITE ALARA COMMITTEE
&
CHANGE CONTROL BOARD**

ATTENDANCE ROSTER

Meeting Date: 9/15/2025

Quarter/Year: 2nd Qtr/ 2025

<u>✓</u>	<u>Chair</u> Lee Schifer Lisa Amidon (Vice Chair) (SRMC) <u>✓</u>	<u>Alternate</u> Janice Lawson Wes Bryan
	<u>SAC Voting Member</u> Roy Windham (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 Henderson	<u>Alternate</u> 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

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Site ALARA Committee Meeting

Roy Windham
Radiological Protection Department Director

September 15, 2025

Agenda

1. Introduction/Safety Topic
2. Environmental ALARA Update
3. 2nd Quarter Performance Indicators

Roy Windham

Eric Doman

Diana Jennings



Safety Topic

- News reports of Cs-137 contaminated shrimp from Indonesia
- FDA Advisory
- Additional suspected contaminated items such as shoes, clothing, cloves (spice)



Gov't Seals Industrial Site After US Detects Radioactive Substance in Shrimp Exports

Antara
September 11, 2025 | 4:10 pm

SHARE



Shrimp farm workers in Muara village, Wansalam, Lebak, Banten, sort shrimp on Tuesday, Sept. 9, 2025.
(Beritasatu.com/Dudiman)

Jakarta Globe
News

Jakarta. The Indonesian government has sealed off and isolated areas contaminated with radioactive Cesium-137 at the Modern Cikande Industrial Estate in Serang Regency, Banten, following reports of tainted shrimp exports to the United States.

Environment Minister Hanif Faisol Nurofiq said on Thursday that the government is coordinating with multiple agencies to contain the contamination and trace its source.

"The government has already taken security measures. We sealed and localized the affected areas together with the Banten Police, based on detector readings showing Cesium-137 emissions," Hanif told reporters in Jakarta.

Authorities suspect the contamination may be linked to iron and steel smelting industries located in the area. Investigators are probing whether industrial waste contributed to radioactive traces found in frozen shrimp exported to the US.



FDA Advises Public Not to Eat, Sell, or Serve Certain Imported Frozen Shrimp from an Indonesian Firm

Frozen shrimp imported from PT. Bahari Makmur Sejati is in violation of the Federal FD&C Act. Additional recalls have been added. FDA's investigation is ongoing

Product and stores affected (updated 9/2/2025)

Certain frozen shrimp products processed by PT. Bahari Makmur Sejati (doing business as BMS Foods), a company located in Indonesia.

To date, three firms have issued press for recalled products:

- August 21, 2025: [Southwind Foods, LLC Recall](#)
- August 22, 2025: [Beaver Street Fisheries, LLC Recall](#)
- August 27, 2025: [AquaStar \(USA\) Corp. Recall](#) – Kroger Brand
- August 28, 2025: [AquaStar \(USA\) Corp. Recall](#) – Aqua Star Brand
- August 29, 2025: [Southwind Foods, LLC Recall](#) – Expansion of original recall

Please see the [product descriptions](#) for these recalls below to determine whether you have any recalled product in your home. You can also access more information by going to the firms' recall announcements using the links above.



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Environmental ALARA Update

Eric Doman
Environmental Compliance & Area Completion Projects

Liquid Discharges
ALARA Guide Summary Report for All Areas – June 2025

Area	YTD TED (mrem)	Projected Annual TED (mrem/yr)	Alara Guide (mrem/yr)	YTD % of Guide	Projected % of Guide
A-Area_LIQUID	7.94E-06	1.59E-05	6.00E-05	13.2%	26.5%
F-Area_LIQUID	2.37E-05	4.75E-05	6.10E-04	3.9%	7.8%
F-Tank Farm_LIQUID	5.66E-04	1.13E-03	2.00E-03	28.3%	56.6%
G-Area_LIQUID	1.15E-04	2.30E-04	8.96E-04	12.8%	25.7%
H-Area_LIQUID	1.21E-04	2.41E-04	5.20E-03	2.3%	4.6%
H-ETP_LIQUID	4.35E-05	8.70E-05	1.00E-02	0.4%	0.9%
H-Tank Farm_LIQUID	8.77E-04	1.75E-03	8.65E-03	10.1%	20.3%
K-Area_LIQUID	9.43E-07	1.89E-06	3.50E-04	0.3%	0.5%
L-Area_LIQUID	5.83E-06	1.17E-05	7.98E-04	0.7%	1.5%
S-Area_LIQUID	7.98E-07	1.60E-06	1.65E-04	0.5%	1.0%
Tritium_LIQUID	7.22E-05	1.44E-04	2.43E-03	3.0%	5.9%
Site Totals:	-----	-----	-----	-----	-----
	1.83E-03	3.67E-03	3.12E-02	5.9%	11.8%

Airborne Emissions
ALARA Guide Summary Report for All Areas – June 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	2.31E-06	4.62E-06	2.50E-04	0.9%	1.8%
F-Area_AIR	1.18E-06	2.37E-06	3.51E-04	0.3%	0.7%
H-Area_AIR	5.50E-06	1.10E-05	4.96E-03	0.1%	0.2%
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	2.51E-05	5.03E-05	4.05E-03	0.6%	1.2%
L-Area_AIR	2.68E-05	5.36E-05	4.75E-03	0.6%	1.1%
S-Area_AIR	3.59E-05	7.18E-05	6.60E-04	5.4%	10.9%
Tritium_AIR	8.15E-03	1.63E-02	3.05E-01	2.7%	5.3%
Z-Area_AIR	0.00E+00	0.00E+00	5.00E-06	0.0%	0.0%
Site Totals:	-----	-----	-----	-----	-----
	8.25E-03	1.65E-02	3.22E-01	2.6%	5.1%

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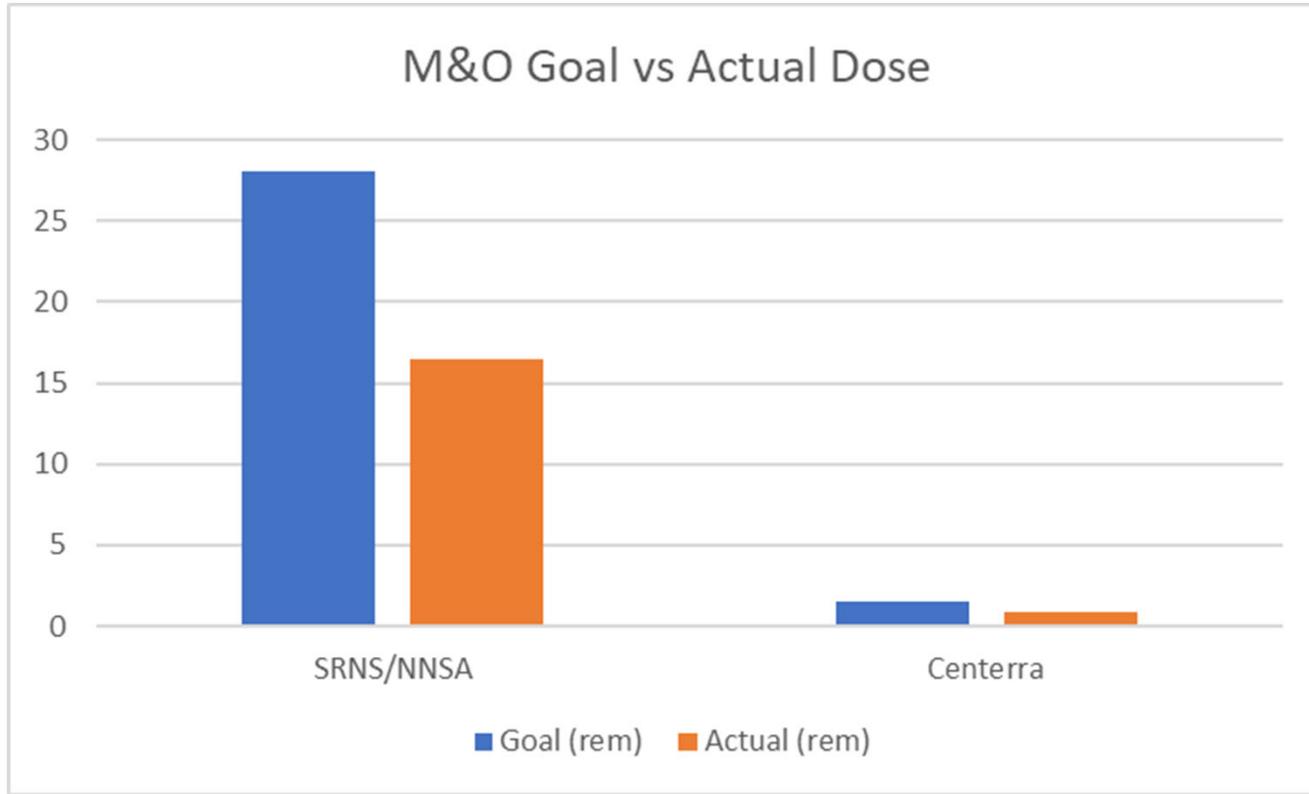


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2nd Quarter Performance Indicators

Diana Jennings
Site ALARA Coordinator

M&O Performance Indicators – 2nd Quarter



Maximum Individual Dose

	YTD (rem)
Whole Body	0.360 (KAC) 0.040 (Centerra)
Extremity	10.168 (KAC) 0.040 (Centerra)

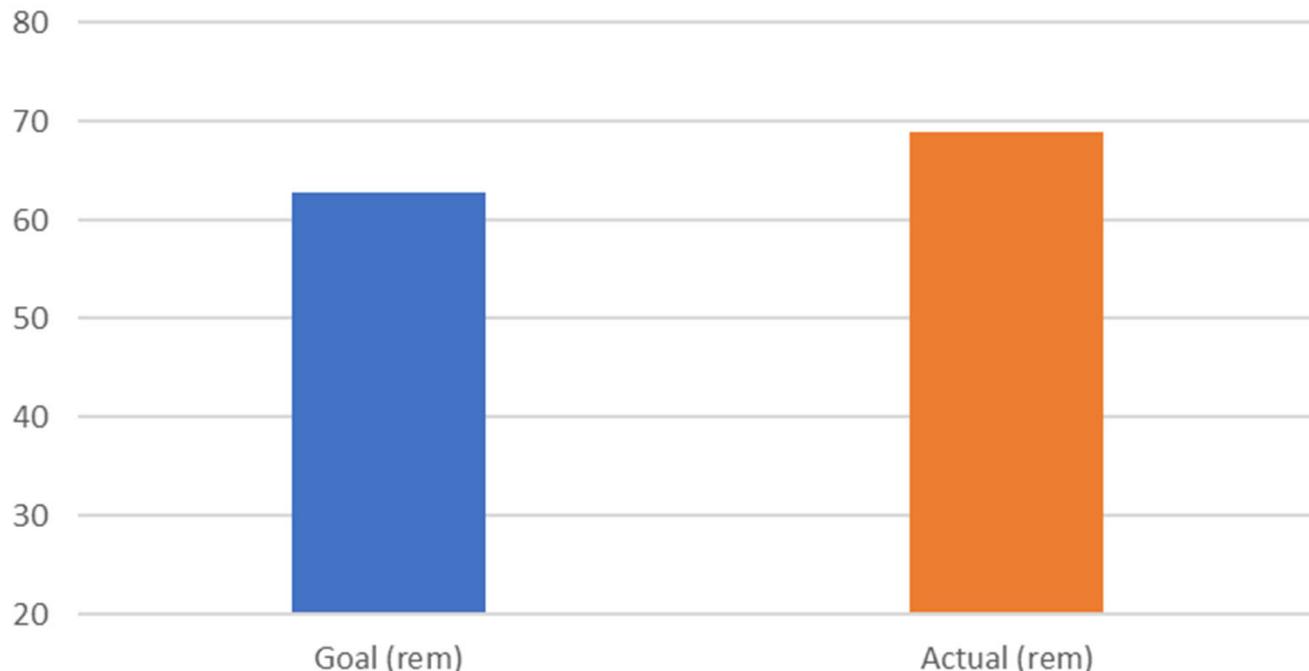
Facilities +/- 25%

Facility	Goal (rem)	Actual (rem)	Percent
K Area	17.7	9.476	-46
Tritium	1.5	0.748	-50
SWM	2.2	1.235	-43
INF	2	0.730	-63

LWO Performance Indicators – 2nd Quarter



LWO Goal vs Actual Dose



Maximum Individual Dose

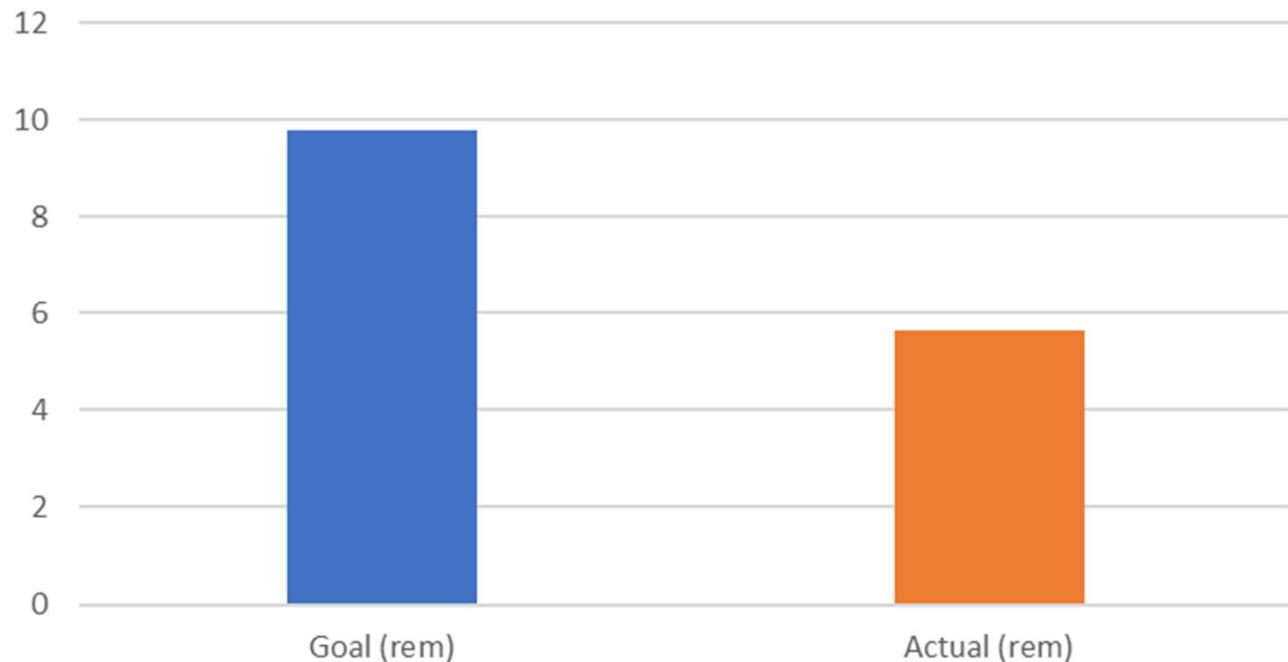
	YTD (rem)
Whole Body	1.014 (SWPF)
Extremity	5.088 (299)

	Goal (rem)	Actual (rem)	Percent
LWO	62.816	68.909	+9

BSRA Performance Indicators – 2nd Quarter



BSRA Goal vs Actual Dose



Maximum Individual Dose

	YTD (rem)
Whole Body	0.144
Extremity	2.095

	Goal (rem)	Actual (rem)	Percent
BSRA	9.779	5.635	-42

Radiological Events



Title	QTR 2	Event
M&O ORPS PerCon		
M&O Non ORPS PerCon		
M&O ORPS Rad Mat		
M&O Non ORPS Rad Mat		
SRMC ORPS PerCon		
SRMC Non ORPS PerCon	2	iCAM Alarm- Skin Contamination; Personnel Contamination on Right Knee
SRMC ORPS Rad Mat		
SRMC Non ORPS Rad Mat		
BSRA ORPS PerCon	1	C-135/139 White Lab Coat Contamination
BSRA Non ORPS PerCon	1	B-118 B-Wing Contamination Event
BSRA ORPS Rad Mat		
BSRA Non ORPS Rad Mat		

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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SRNS

Savannah River Nuclear Solutions

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1. Summary

Meeting title	Site ALARA Committee Meeting
Attended participants	40
Start time	9/15/25, 12:45:54 PM
End time	9/15/25, 1:23:43 PM
Meeting duration	37m 49s
Average attendance time	22m 44s

2. Participants

Name	First Join	Last Leave	In-Meeting Duration
Diana Jennings	9/15/25, 12:45:56 PM	9/15/25, 1:20:29 PM	34m 32s
HOLMAN-ABBOTT, MICHELLE M	9/15/25, 12:46:01 PM	9/15/25, 1:18:12 PM	32m 11s
730-1B Room 204A/B Area	9/15/25, 12:46:44 PM	9/15/25, 1:18:25 PM	31m 41s
LEE GAUSE-MCNAIR	9/15/25, 12:47:34 PM	9/15/25, 1:18:58 PM	31m 24s
ACHENBACH, GERALD M	9/15/25, 12:47:43 PM	9/15/25, 1:18:20 PM	30m 36s
Page Courtney	9/15/25, 12:48:34 PM	9/15/25, 1:18:16 PM	29m 41s
ruby parks (Unverified)	9/15/25, 12:49:21 PM	9/15/25, 12:52:05 PM	2m 43s
Derek Colligan	9/15/25, 12:49:51 PM	9/15/25, 1:18:14 PM	28m 22s
Kent Rosenberger	9/15/25, 12:49:59 PM	9/15/25, 1:23:43 PM	25m 18s
Trinidad Bush	9/15/25, 12:51:30 PM	9/15/25, 1:18:32 PM	27m 1s
Jamie Willing	9/15/25, 12:51:49 PM	9/15/25, 1:18:18 PM	26m 28s
18035573267 (Unverified)	9/15/25, 12:52:40 PM	9/15/25, 1:18:15 PM	25m 34s
Debd Solomon	9/15/25, 12:53:01 PM	9/15/25, 1:18:16 PM	25m 14s
Carol Hunter	9/15/25, 12:53:14 PM	9/15/25, 1:18:19 PM	25m 5s
18032088098 (Unverified)	9/15/25, 12:53:34 PM	9/15/25, 1:18:24 PM	24m 50s
John Gall	9/15/25, 12:53:46 PM	9/15/25, 1:19:02 PM	25m 15s
Anthony Coleman	9/15/25, 12:54:43 PM	9/15/25, 1:18:14 PM	23m 31s
Robert Entzminger	9/15/25, 12:54:48 PM	9/15/25, 1:18:16 PM	23m 27s
Eric Doman	9/15/25, 12:54:53 PM	9/15/25, 1:18:20 PM	23m 26s
Jonathan Givens	9/15/25, 12:55:09 PM	9/15/25, 1:18:21 PM	23m 12s
Gregory Walkup	9/15/25, 12:55:20 PM	9/15/25, 1:18:26 PM	23m 6s
Wesley Bryan	9/15/25, 12:55:34 PM	9/15/25, 1:18:13 PM	22m 39s
Casey Williams	9/15/25, 12:56:00 PM	9/15/25, 1:18:13 PM	22m 13s

Matthew Wilmot	9/15/25, 12:56:32 PM	9/15/25, 1:18:15 PM	21m 42s
Ronald Sykes	9/15/25, 12:56:59 PM	9/15/25, 1:18:23 PM	21m 24s
Paul Bordon	9/15/25, 12:57:05 PM	9/15/25, 1:18:38 PM	21m 33s
Lee Schifer	9/15/25, 12:57:08 PM	9/15/25, 1:18:13 PM	21m 5s
Jeremy Mathis	9/15/25, 12:57:10 PM	9/15/25, 1:18:15 PM	21m 5s
Stephanie Blazer	9/15/25, 12:57:18 PM	9/15/25, 1:18:18 PM	21m
Dennis Hadlock	9/15/25, 12:57:29 PM	9/15/25, 1:15:29 PM	18m
ROBERT KELLY	9/15/25, 12:58:41 PM	9/15/25, 1:18:22 PM	19m 41s
Maxwell Smith	9/15/25, 12:58:58 PM	9/15/25, 1:18:20 PM	19m 22s
Terry Pifer	9/15/25, 12:59:36 PM	9/15/25, 1:18:14 PM	18m 37s
Kevin Webster	9/15/25, 12:59:42 PM	9/15/25, 1:18:30 PM	18m 47s
Anthony Carraway	9/15/25, 12:59:45 PM	9/15/25, 1:18:23 PM	18m 37s
Teresa Henderson	9/15/25, 1:00:16 PM	9/15/25, 1:18:21 PM	18m 4s
Christina Knox	9/15/25, 1:00:25 PM	9/15/25, 1:18:15 PM	17m 49s
Kristin Brant	9/15/25, 1:01:48 PM	9/15/25, 1:18:20 PM	16m 32s
18036461045 (Unverified)	9/15/25, 1:03:47 PM	9/15/25, 1:18:09 PM	14m 22s
Alice Barton	9/15/25, 1:03:56 PM	9/15/25, 1:17:49 PM	13m 53s