



Nevada Site Specific Advisory Board (NSSAB)

Full Board Meeting - Wednesday, September 20, 2023

Handouts:

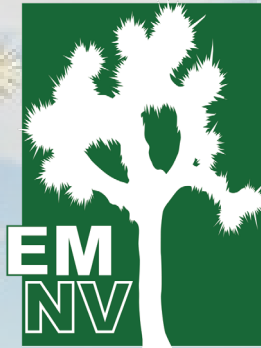
- Page 2 Attendance Spreadsheet
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NSSAB FULL BOARD MEETING ATTENDANCE

October 2022 through September 2023 (FY 2023)

| Name | 1/18/23 | 2/15/23 | 4/19/23 | 7/19/23 | 9/20/23 | Max Terms |
|--|---------|---------|---------|---------|---------|-----------|
| MEMBERS | | | | | | |
| Erik Anderson | √ | √ | √ | √ | | 2028 |
| Joycelyn Austin-Mabe | √ | √ | √ | √ | | 2028 |
| Lisa Blandi | √ | √ | √ | √ | | 2028 |
| John Cole | √ | √ | √ | √ | | 2028 |
| William DeWitt | √ | √ | √ | E | | 2024 |
| Bill Dolan | √ | E | √ | E | | 2026 |
| Gary Elgort | √ | √ | √ | √ | | 2026 |
| Anthony Graham | √ | √ | √ | √ | | 2024 |
| Mark Hilton | √ | √ | √ | √ | | 2026 |
| Bruce Jabbour | √ | E | √ | U | | 2026 |
| Dan Peterson | U | √ | √ | U | | 2026 |
| Janice Six | √ | √ | √ | √ | | 2024 |
| Kevin Trainor | √ | E | U | √ | | 2028 |
| Favil West | √ | √ | √ | √ | | 2026 |
| Eddie Williams | √ | √ | √ | √ | | 2028 |
| LIAISONS | | | | | | |
| Clark County | √ | E | U | √ | | |
| Consolidated Group of Tribes & Organizations | E | E | E | √ | | |
| Elko County Commission (limited) | | | | | | |
| Esmeralda County Commission (limited) | √ | | | | | |
| Lincoln County Commission | U | U | U | U | | |
| Nye County Commission | V | √ | √ | √ | | |
| Nye County Emergency Management | √ | √ | √ | √ | | |
| Nye Co. Natural Resources and Federal Facility | √ | √ | √ | √ | | |
| State of NV Division of Env Protection | √ | √ | √ | √ | | |
| U.S. Natl Park Service (limited) | √ | | | √ | | |
| White Pine County Commission | | | | | | |
| KEY: √ - Present E - Excused V - Vacant U - Unexcused | | | | | | |

Federal Facility Agreement and Consent Order (FFACO) 2023 Updates



Irene Farnham
Environmental Scientist
Navarro Research and Engineering, Inc.
September 20, 2023



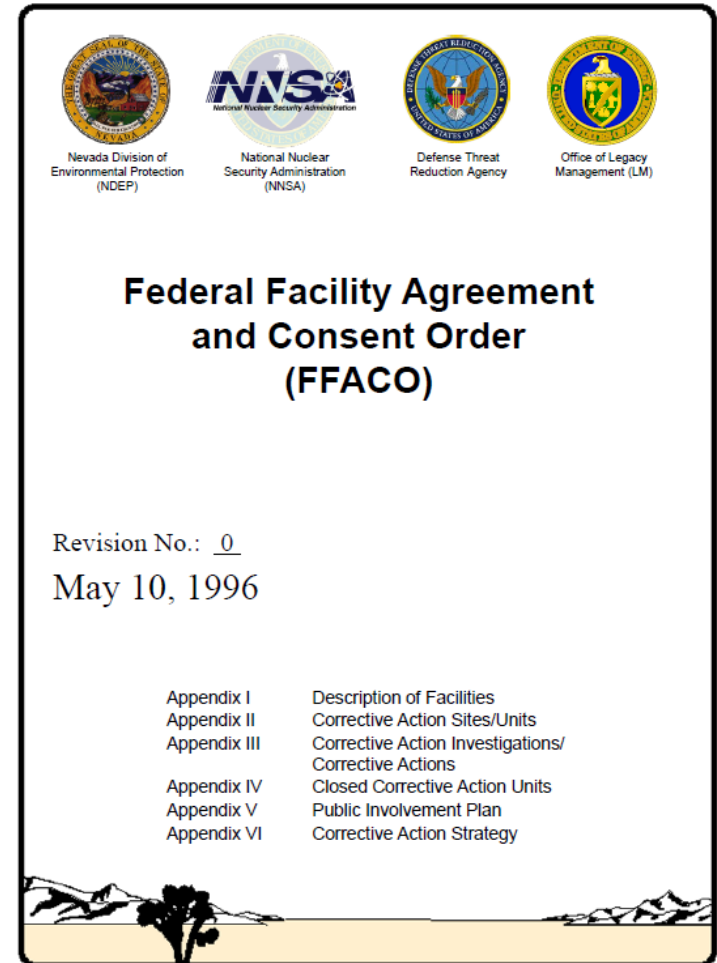
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ID 3182– 08/09/2023
Log No: EMRP-2023-053

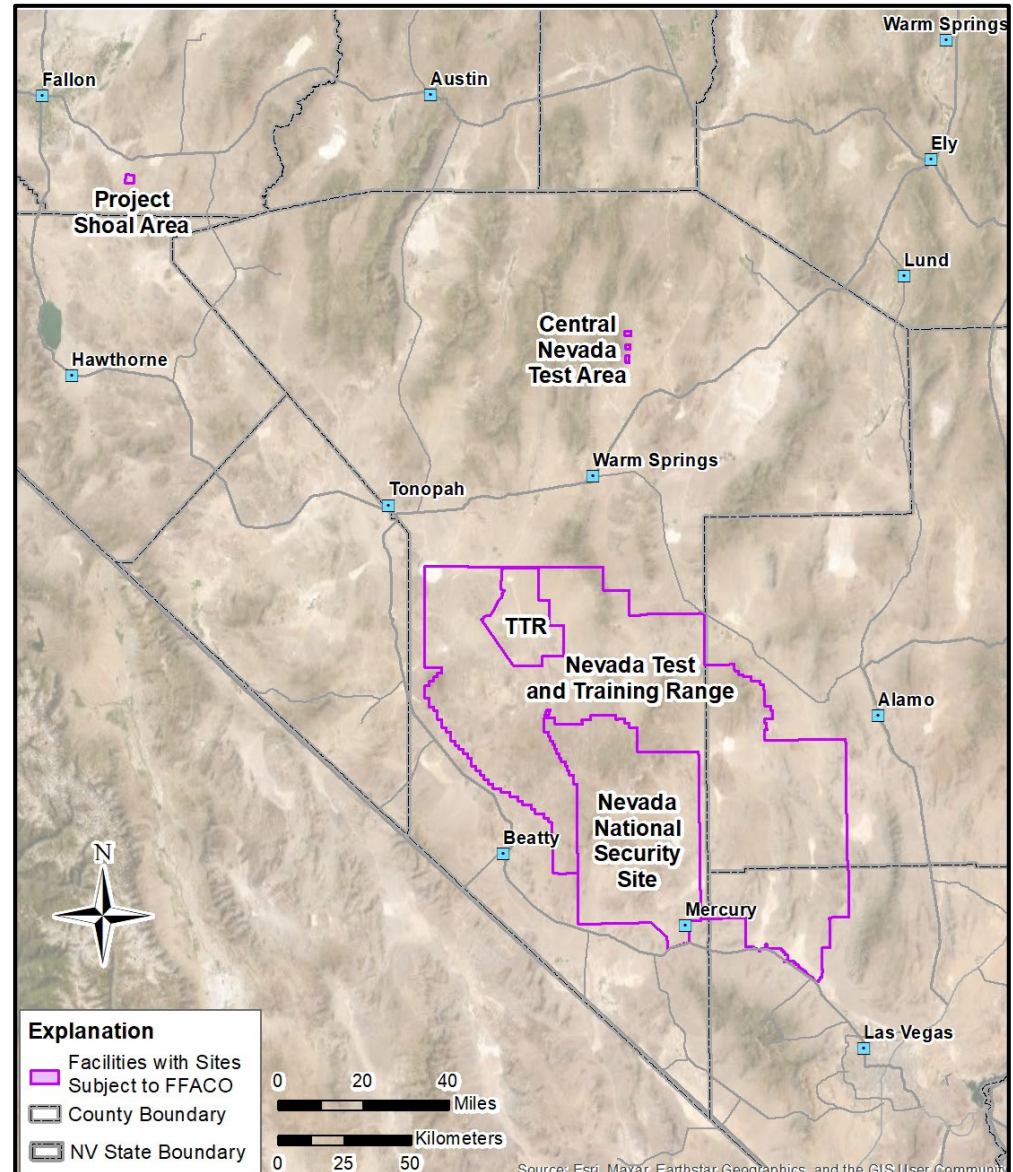
FFACO Background

- Regulatory agreement with the State of Nevada (Department of Conservation and Natural Resources, Division of Environmental Protection [NDEP]) that identifies sites of potential contamination related to legacy testing in Nevada and outlines strategy to address sites identified.
- Signed May 10, 1996
- FFACO Signatories (FFACO Parties):
 - NDEP
 - U.S. Department of Energy (DOE)
 - U.S. Department of Defense (DoD)



Facilities with Sites Subject to the FFACO

- Nevada National Security Site (NNSS)
- Parts of Nevada Test and Training Range (NTTR) and Tonopah Test Range (TTR)
- Central Nevada Test Area (CNTA)
- Project Shoal Area (PSA)



FFACO Purpose

- Identifying sites of potential historic contamination and implementing proposed corrective actions based on public health and environmental considerations
- Establishing specific sampling and monitoring requirements
- Providing all parties with sufficient information to evaluate appropriate remedies
- Ensuring that the parties work together in a cooperative manner
- Substantially reducing the costs of cleanup activities
- Satisfying the corrective action requirements of 40 CFR 264.101 and Sections 3004(u) and 3004(v) of the Resource Conservation and Recovery Act (RCRA), 42 U.S.C. §6924 (u) and (v)



FFACO Structure

- **Main Body**

- Six (6) Letter Agreements to Modify (2000 - 2010)
 - Update names, addresses, meeting frequencies, etc. to current
 - Added DOE, Office of Legacy Management (DOE/LM) as signatory and agency responsible for Offsites in 2006

- **Appendices**

- I. Description of Facilities (Rev. 5; 2014)**

- Description of facilities covered by the FFACO

- II. Corrective Action Sites/Units (CASs/CAUs) (Updated Annually)**

- CASs not yet grouped into CAUs (0)
- CAUs not yet transferred to subsequent appendices (0)

- III. Corrective Action Investigations/Corrective Actions (Updated Annually)**

- CAUs currently undergoing investigations and/or corrective actions (5)



FFACO Structure

- **Appendices (Continued)**

- IV. Closed Corrective Action Units (Updated Annually)**

- CAUs where all corrective actions have been completed and approved by NDEP (574)

- V. Public Involvement Plan (Rev. 8; 2014)**

- Provides an outline of the mechanisms used to continually provide information and seek public input

- VI. Corrective Action Strategy (Rev. 5; 2014)**

- Provides processes for implementing corrective actions for Soils, Industrial Sites, UGTA, and Offsites

- VII. Post-Closure Strategy (New)**

- Provides processes for implementing once corrective actions have been completed (i.e., CAU is closed)



Summary of New FFACO Updates

- **FFACO Updates**
 - 2023 Letter Agreement to Modify FFACO
 - New Appendix (Appendix VII – Post-Closure Strategy)
 - Revised Appendix I (Description of Facilities), V (Public Involvement) and VI (Corrective Action Strategy)
- **FFACO Working Group Collaboration**
 - Representatives of NDEP, NNSA/NFO, DoD, LM, and Environmental Management (EM) Nevada Program
 - Iterative review cycles
- **Updates planned for completion in 2023**



2023 Letter Agreement to Modify FFACO

- Letter Agreement provides the following revised provisions that parties agree to comply with until the Agreement itself is re-signed:
 - Add DOE EM Nevada Program as a signatory*
 - Add Appendix VII
 - Document revision to Appendices I, V and VI
 - Document transition of TTR sites to LM
 - Provide updates to make the FFACO current, for example:
 - Nevada Test Site to NNSS
 - NNSA Nevada Site Office to Nevada Field Office
 - RCRA permit number
- * EM Nevada Program has always been responsible for legacy cleanup activities mandated by the FFACO. EM Nevada Program and NNSA/NFO concurrence prior to this modification were reflected by a sole NNSA/NFO signature.



Appendix VII

Post-Closure Strategy

- Provides regulatory agreement for activities needed once the Corrective Action Strategy (Appendix VI) has been completed
 - Ensures that post-closure surveillance and monitoring requirements are maintained following CAU/CAS closure
 - Describes long-term stewardship transfer and implementation processes that require NDEP notification, input, and approval
 - Processes internal to DOE are not included
 - Ensures post-closure monitoring processes are consistent
 - Subsurface Monitoring (Underground Test Area [UGTA]/Offsites)
 - Surface Monitoring (Industrial Sites/Soils/Offsites)
 - Presents tools to aid in implementing post-closure monitoring and long-term stewardship (e.g., FFACO database, meetings, Use Restriction forms)



Appendix I, V and VI Revisions

- **Appendix I: Description of Facilities**
 - Provided more consistent descriptions
 - Revised/removed outdated maps
- **Appendix V: Public Involvement**
 - Streamlined discussion of tools available for communicating with the public, for example:
 - Nevada Site Specific Advisory Board (NSSAB)
 - Public Reading Facilities
 - DOE websites
- **Appendix VI: Corrective Action Strategy**
 - Updated status of Offsites CAUs
 - Removed post-closure requirements from UGTA strategy that are now covered in Appendix VII
 - Revised permit discussion to be less time and version dependent



Questions



**Nevada Site Specific Advisory Board (NSSAB) FY 2024 Work Plan
(October 2023 – September 2024)**

Proposed

| | |
|----------------------------------|---|
| Work Plan Item 1: | <i>Fiscal Year (FY) 2026 Prioritization</i> |
| Briefing/Discussion Date: | February 2024 |
| Recommendation Deadline: | February 2024 |
| Description: | <p><u>Background:</u> As part of the federal budget process, the EM Nevada Program must provide funding request information to Headquarters as it relates to planned FY 2026 activities. In February 2024, the EM Nevada Program will provide briefings on planned FY 2026 activities.</p> <p><u>NSSAB Scope:</u> From a community perspective, the NSSAB will provide a recommendation ranking the planned activities to inform the EM Nevada Program’s budget submission.</p> |

| | |
|----------------------------------|--|
| Work Plan Item 2: | <i>Low-Level Waste (LLW) Visual Verification</i> |
| Briefing/Discussion Date: | January 2024 |
| Recommendation Deadline: | July 2024 |
| Description: | <p><u>Background:</u> Radioactive Waste Acceptance Program (RWAP) conducts LLW visual verifications at generator sites throughout the country. These verifications focus on the packaging of waste into the shipping containers to ensure the waste is consistent with the waste profile and meets the Nevada National Security Sites Waste Acceptance Criteria (NNSS WAC). Up to two members from the NSSAB will be invited to observe RWAP conducting a LLW visual verification. These members will present their observations to the Full Board.</p> <p><u>NSSAB Scope:</u> From a community perspective, the NSSAB will provide recommendations for how RWAP’s visual verifications could be enhanced.</p> |

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|----------------------------------|--|
| Work Plan Item 3: | <i>Low-Level Waste (LLW) Facility Evaluations</i> |
| Briefing/Discussion Date: | January 2024 |
| Recommendation Deadline: | July 2024 |
| Description: | <p><u>Background:</u> Radioactive Waste Acceptance Program (RWAP) conducts LLW facility evaluations at generator sites throughout the country. These facility evaluations evaluate the generator’s waste program to verify continued compliance with the Nevada National Security Sites Waste Acceptance Criteria (NNSS WAC). Up to two members from the NSSAB will be invited to observe RWAP conducting a LLW facility evaluation. These members will present their observations to the Full Board.</p> <p><u>NSSAB Scope:</u> From a community perspective, the NSSAB will provide recommendations for how RWAP’s facility evaluations could be enhanced.</p> |

**Nevada Site Specific Advisory Board (NSSAB) FY 2024 Work Plan
(October 2023 – September 2024)**

Proposed

| | |
|----------------------------------|--|
| Work Plan Item 4: | <i>Real-Time Radiography (RTR) Operations at the Area 5 Radioactive Waste Management Complex (RWMC) at the Nevada National Security Sites (NNSS)</i> |
| Briefing/Discussion Date: | January 2024 |
| Recommendation Deadline: | July 2024 |
| Description: | <p><u>Background:</u> Radioactive Waste Acceptance Program (RWAP) conducts real-time radiography (RTR – essentially x-ray technology) on waste containers received by generators across the DOE complex at the Area 5 RWMC. RTR examinations are used to verify compliance with the NNSS Waste Acceptance Criteria for disposal at the NNSS. Up to two members (due to size of the facility only one member at a time can observe) from the NSSAB will be invited to observe RWAP conducting an RTR evolution. These members will present their observations to the Full Board.</p> <p><u>NSSAB Scope:</u> From a community perspective, the NSSAB will provide recommendations for how RWAP’s RTR operations could be enhanced.</p> |

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|----------------------------------|--|
| Work Plan Item 5: | <i>Transfer Process of Environmental Management (EM) Sites on the Nevada National Security Sites (NNSS) to National Nuclear Security Administration/Nevada Field Office (NNSA/NFO)</i> |
| Briefing/Discussion Date: | April 2024 |
| Recommendation Deadline: | July 2024 |
| Description: | <p><u>Background:</u> In April 2024, the EM Nevada Program will provide a briefing to the NSSAB on the normal transfer process for the stewardship of sites; the differences that the Federal Facility Agreement and Consent Order (FFACO) sites on the NNSS present from this process; a tentative timeline and draft Site Transition Plan outline.</p> <p><u>NSSAB Scope:</u> From a community perspective, the NSSAB will provide a recommendation on specific topics to be included in the final Site Transition Plan and how and to whom it should be communicated.</p> |

| | |
|----------------------------------|--|
| Work Plan Item 6: | <i>Updates to the Federal Facility Agreement and Consent Order (FFACO)</i> |
| Briefing/Discussion Date: | November 2023 |
| Recommendation Deadline: | November 2023 |
| Description: | <p><u>Background:</u> The FFACO is a regulatory agreement with the State of Nevada that identifies sites of potential contamination related to legacy testing in Nevada and outlines the strategy to address sites identified. In November 2023, the EM Nevada Program will provide a briefing to the NSSAB on approved updates to the FFACO, including revisions to Appendix V. <i>Public Involvement</i> and the new Appendix VII. <i>Post-Closure Strategy</i> that provides processes for implementation once corrective actions have been completed (i.e., Corrective Action Unit is closed).</p> <p><u>NSSAB Scope:</u> From a community perspective, the NSSAB will provide a recommendation on improvements or enhancements to Appendix V. <i>Public Involvement</i> and the new Appendix VII. <i>Post-Closure Strategy</i>.</p> |

**Nevada Site Specific Advisory Board (NSSAB) FY 2024 Work Plan
(October 2023 – September 2024)**

Proposed

| | |
|----------------------------------|--|
| Work Plan Item 7: | <i>Annual Update Presentation for Pahute Mesa Groundwater Corrective Action Units (CAUs)</i> |
| Briefing/Discussion Date: | November 2023 |
| Recommendation Deadline: | November 2023 |
| Description: | <p><u>Background:</u> Annually, the Underground Test Area (UGTA) activity provides an annual update presentation on the status of the Pahute Mesa CAUs to the State of Nevada Division of Environmental Protection (NDEP). These presentations meet Federal Facility Agreement and Consent Order milestones. In November 2023, the EM Nevada Program will provide a briefing to the NSSAB on the annual update presentation prior to providing to NDEP.</p> <p><u>NSSAB Scope:</u> From a community perspective, the NSSAB will provide a recommendation on improvement and/or refinement for the annual update presentation for the Pahute Mesa CAUs prior presenting to NDEP in December 2023.</p> |

Fiscal Year (FY) 2023 Work Plan Status and FY 2024 Proposed Work Plan Items



U.S. Department of Energy (DOE)
Environmental Management (EM) Nevada Program
September 20, 2023



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Prioritization Work Plan Items



Robert Boehlecke
Program Manager
EM Nevada Program



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Log No: EMRP-2023-070

FY 2023 Work Plan Status – Prioritization

- **FY 2025 Prioritization** – from a community perspective, provide a recommendation ranking the planned activities to inform the EM Nevada budget submission

Status

- NSSAB Recommendation – February 2023
- EM Nevada Program Response – February 2023
- Status update: NSSAB recommendation used to inform EM HQ of NSSAB priorities



FY 2024 Work Plan Items – Prioritization

| Item 1 | Work Plan Item: | <i>FY 2026 Prioritization</i> |
|--------|------------------------------|---|
| | Briefing Provided: | February 2024 |
| | Deadline for Recommendation: | February 2024 |
| | Description: | <p><u>Background:</u> As part of the federal budget process, the EM Nevada Program must provide funding request information to Headquarters as it relates to planned FY 2026 activities. In February 2024, the EM Nevada Program will provide briefings on planned FY 2026 activities.</p> <p><u>NSSAB Scope:</u> From a community perspective, the NSSAB will provide a recommendation ranking the planned activities to inform the EM Nevada Program’s budget submission.</p> |



Questions?



Waste Management Work Plan Items



Robert Boehlecke
Program Manager
EM Nevada Program



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FY 2023 Work Plan Status – Waste Management

- *From a community perspective, provide a recommendation on the processes used by the EM Nevada Program to develop Radioactive Waste Acceptance Program (RWAP) facility evaluation schedules*

Status

- NSSAB Recommendation
 - Due tonight
- EM Nevada Program Response
 - Upon receipt of NSSAB recommendation letter



FY 2024 Proposed Work Plan Item – Waste Mgmt

| | | |
|--------|------------------------------|--|
| Item 2 | Work Plan Item: | <i>Low-Level Waste (LLW) Visual Verification</i> |
| | Briefing Provided: | January 2024 |
| | Deadline for Recommendation: | July 2024 |
| | Description: | <p><u>Background:</u> The Radioactive Waste Acceptance Program (RWAP) conducts LLW visual verifications at generator sites throughout the country. These verifications focus on the packaging of waste into the shipping containers to ensure the waste is consistent with the waste profile and meets the Nevada National Security Sites Waste Acceptance Criteria (NNSW WAC). Up to two members from the NSSAB will be invited to observe RWAP conducting a LLW visual verification. These members will present their observations to the Full Board.</p> <p><u>NSSAB Scope:</u> From a community perspective, the NSSAB will provide recommendations for how RWAP’s visual verifications could be enhanced.</p> |



FY 2024 Proposed Work Plan Item – Waste Mgmt

| | | |
|--------|------------------------------|--|
| Item 3 | Work Plan Item: | <i>Low-Level Waste (LLW) Facility Evaluations</i> |
| | Briefing Provided: | January 2024 |
| | Deadline for Recommendation: | July 2024 |
| | Description: | <p><u>Background:</u> The Radioactive Waste Acceptance Program (RWAP) conducts LLW facility evaluations at generator sites throughout the country. These facility evaluations evaluate the generator’s waste program to verify continued compliance with the Nevada National Security Sites Waste Acceptance Criteria (NNSW WAC). Up to two members from the NSSAB will be invited to observe RWAP conducting a LLW facility evaluation. These members will present their observations to the Full Board.</p> <p><u>NSSAB Scope:</u> From a community perspective, the NSSAB will provide recommendations for how RWAP’s facility evaluations could be enhanced.</p> |



FY 2024 Proposed Work Plan Item – Waste Mgmt

| | | |
|--------|------------------------------|--|
| Item 4 | Work Plan Item: | <i>Real-Time Radiography (RTR) Operations at the Area 5 Radioactive Waste Management Complex (RWMC) at the Nevada National Security Sites (NNSS)</i> |
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| | Description: | <p><u>Background</u>: Radioactive Waste Acceptance Program (RWAP) conducts real-time radiography (RTR – essentially x-ray technology) on waste containers received by generators across the DOE complex at the Area 5 RWMC. RTR examinations are used to verify compliance with the NNSS Waste Acceptance Criteria for disposal at the NNSS. Up to two members (due to size of the facility only one member at a time can observe) from the NSSAB will be invited to observe RWAP conducting an RTR evolution. These members will present their observations to the Full Board.</p> <p><u>NSSAB Scope</u>: From a community perspective, the NSSAB will provide recommendations for how RWAP’s RTR operations could be enhanced.</p> |



Questions?



Industrial Sites Work Plan Item



Tiffany Gamero
Regulatory/FFACO Lead
EM Nevada Program



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FY 2023 Work Plan Status – Industrial Sites

- *From a community perspective, provide a recommendation on improvements or enhancements to revegetation of EM Sites*

Status

- NSSAB Recommendation
– May 2023
- EM Nevada Program Response
– July 2023
- Status Update: EM Nevada Program will continue to look for opportunities to use transplants from the Bureau of Land Management for future revegetation efforts



Long-Term Monitoring Work Plan Items



Tiffany Gamero
Regulatory/FFACO Lead
EM Nevada Program



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FY 2024 Proposed Work Plan Item – Long-Term Monitoring

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|--------|------------------------------|--|
| Item 5 | Work Plan Item: | <i>Transfer Process of Environmental Management (EM) Sites on the Nevada National Security Sites (NNSS) to National Nuclear Security Administration/Nevada Field Office (NNSA/NFO)</i> |
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| | Description: | <p><u>Background:</u> In April 2024, the EM Nevada Program will provide a briefing to the NSSAB on the normal transfer process for the stewardship of sites; the differences that the Federal Facility Agreement and Consent Order (FFACO) sites on the NNSS present from this process; a tentative timeline and draft Site Transition Plan outline.</p> <p><u>NSSAB Scope:</u> From a community perspective, the NSSAB will provide a recommendation on specific topics to be included in the final Site Transition Plan and how and to whom it should be communicated.</p> |



FY 2024 Proposed Work Plan Item – Long-Term Monitoring (cont.)

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|--------|------------------------------|--|
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Questions?



Underground Test Area (UGTA) Work Plan Items



John Myers
UGTA Activity Lead
EM Nevada Program



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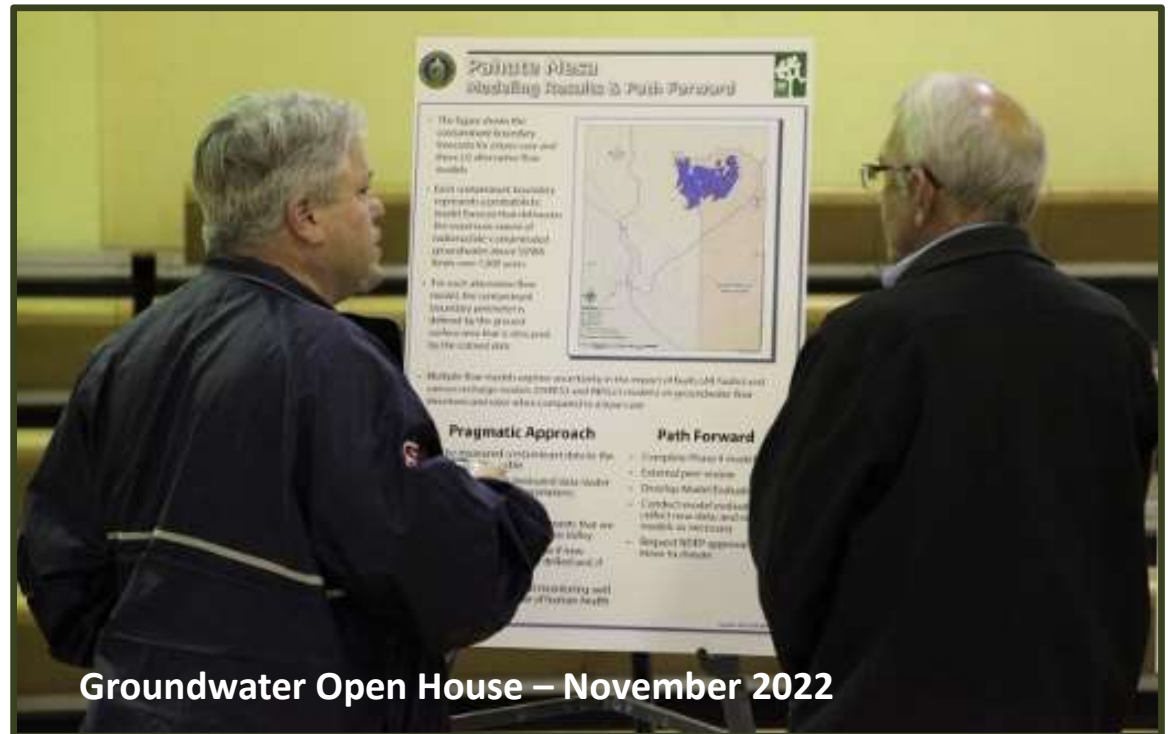
ID 3178 – 09/20/2023
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FY 2023 Work Plan Status - UGTA

- *From a community perspective, provide a recommendation on how communication to the public on groundwater topics on the Nevada National Security Sites (NNSS) could be improved or enhanced*

Status

- NSSAB Recommendation – January 2023
- EM Nevada Program Response – February 2023
- Status Update: NSSAB recommendations will be considered when planning for future public events



Groundwater Open House – November 2022



FY 2023 Work Plan Status – UGTA (continued)

- *From a community perspective, provide a recommendation on improvement and refinement for the Pahute Mesa groundwater sampling plan*

Status

- NSSAB Recommendation
– July 2023
- EM Nevada Program Response
– July 2023
- NSSAB in support of the Pahute Mesa groundwater sampling plan



FY 2024 Proposed Work Plan Item - UGTA

| | | |
|--------|------------------------------|--|
| Item 7 | Work Plan Item: | <i>Annual Update Presentation for Pahute Mesa Groundwater Corrective Action Units (CAUs)</i> |
| | Briefing Provided: | November 2023 |
| | Deadline for Recommendation: | November 2023 |
| | Description: | <p><u>Background</u>: Annually, the Underground Test Area (UGTA) activity provides an annual update presentation on the status of the Pahute Mesa CAUs to the State of Nevada Division of Environmental Protection (NDEP). These presentations meet Federal Facility Agreement and Consent Order milestones. In November 2023, the EM Nevada Program will provide a briefing to the NSSAB on the annual update presentation prior to providing to NDEP.</p> <p><u>NSSAB Scope</u>: From a community perspective, the NSSAB will provide a recommendation on improvement and/or refinement for the annual update presentation for the Pahute Mesa CAUS prior presenting to NDEP in December 2023.</p> |



Questions?



NSSAB Proposed Work Plan Item(s) Input



NSSAB meeting



NSSAB PROPOSED SCHEDULE FOR FISCAL YEAR 2024 (OCTOBER 2023 – SEPTEMBER 2024)

October 3-5, 2023 – EM SSAB National Chairs Fall Meeting in Oak Ridge, TN (Chair Graham and Vice-Chair Hilton to Attend)

Wednesday, October 18, 2023 – Nevada Site Specific Advisory Board (NSSAB) Annual Work Plan Tour at the Nevada National Security Sites [NNSS] (full day)

- Tour sites on the NNSS including: a well drill site in Pahute Mesa, Area 5 Radioactive Waste Management Complex (RWMC) for waste management briefing and view of current RTR machine, Test Cell C and Engine Maintenance Assembly and Disassembly (EMAD) Facilities for drive-by for a progress status (Joe Johnston, Navarro – historian and tour guide)

Wednesday, November 8, 2023 – NSSAB Full Board Meeting in Las Vegas, NV (start at 4 pm) NOTE: not the 3rd Wednesday of the month due to DOE Intergovernmental Meeting scheduled November 14-16, 2023 in Minneapolis, MN

- FY 2023 Wrap Up and FY 2024 Look Ahead Briefings for Industrial Sites (Petrello), Long-Term Monitoring (Gamero), Waste Management (Carilli), and Groundwater [Underground Test Area-UGTA] (Myers) - (DOE Activity Leads)
- *Updates to the Federal Facility Agreement and Consent Order (FFACO)* briefing and recommendation development – **Work Plan Item 6** (Tiffany Gamero, DOE)
- *Annual Update Presentation for Pahute Mesa Groundwater Corrective Action Units (CAUs)* briefing and recommendation development – **Work Plan Item #7** (Ken Rehfeldt, Navarro)
- Update on the EM SSAB National Chairs Fall Meeting (NSSAB Chair and Vice-Chair)

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Subject to Change

NSSAB PROPOSED SCHEDULE FOR FISCAL YEAR 2024 (OCTOBER 2023 – SEPTEMBER 2024)

Wednesday, January 17, 2024 – NSSAB Full Board Meeting in Pahrump, NV (start at 4 pm)

- *Low-Level Waste (LLW) Visual Verification* briefing and path forward – **Work Plan Item 2** (Marilew Bartling, Navarro)
- *Low-Level Waste (LLW) Facility Evaluations* briefing and path forward – **Work Plan Item 3** (Marilew Bartling, Navarro)
- *Real-Time Radiography (RTR) Operations at the Area 5 Radioactive Waste Management Complex (RWMC) at the Nevada National Security Sites (NNSS)* briefing and path forward – **Work Plan Item 4** (Byron Smith, Navarro)
- Determine NSSAB attendance (1) for WMS in Phoenix Mar 11-15, 2024 (upon approval)
- Update on LLW Stakeholders Forum (NSSAB representative)

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| Work Plan Item 2: | <i>Low-Level Waste (LLW) Visual Verification</i> |
| Briefing/Discussion Date: | January 2024 |
| Recommendation Deadline: | July 2024 |
| Description: | <p><u>Background:</u> Radioactive Waste Acceptance Program (RWAP) conducts LLW visual verifications at generator sites throughout the country. These verifications focus on the packaging of waste into the shipping containers to ensure the waste is consistent with the waste profile and meets the Nevada National Security Sites Waste Acceptance Criteria (NNSS WAC). Up to two members from the NSSAB will be invited to observe RWAP conducting a LLW visual verification. These members will present their observations to the Full Board.</p> <p><u>NSSAB Scope:</u> From a community perspective, the NSSAB will provide recommendations for how RWAP’s visual verifications could be enhanced.</p> |

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| Work Plan Item 3: | <i>Low-Level Waste (LLW) Facility Evaluations</i> |
| Briefing/Discussion Date: | January 2024 |
| Recommendation Deadline: | July 2024 |
| Description: | <p><u>Background:</u> Radioactive Waste Acceptance Program (RWAP) conducts LLW facility evaluations at generator sites throughout the country. These facility evaluations evaluate the generator’s waste program to verify continued compliance with the Nevada National Security Sites Waste Acceptance Criteria (NNSS WAC). Up to two members from the NSSAB will be invited to observe RWAP conducting a LLW facility evaluation. These members will present their observations to the Full Board.</p> <p><u>NSSAB Scope:</u> From a community perspective, the NSSAB will provide recommendations for how RWAP’s facility evaluations could be enhanced.</p> |

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| Work Plan Item 4: | <i>Real-Time Radiography (RTR) Operations at the Area 5 Radioactive Waste Management Complex (RWMC) at the Nevada National Security Sites (NNSS)</i> |
| Briefing/Discussion Date: | January 2024 |
| Recommendation Deadline: | July 2024 |
| Description: | <p><u>Background:</u> Radioactive Waste Acceptance Program (RWAP) conducts real-time radiography (RTR – essentially x-ray technology) on waste containers received by generators across the DOE complex at the Area 5 RWMC. RTR examinations are used to verify compliance with the NNSS Waste Acceptance Criteria for disposal at the NNSS. Up to two members (due to size of the facility only one member at a time can observe) from the NSSAB will be invited to observe RWAP conducting an RTR evolution. These members will present their observations to the Full Board.</p> <p><u>NSSAB Scope:</u> From a community perspective, the NSSAB will provide recommendations for how RWAP’s RTR operations could be enhanced.</p> |

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NSSAB PROPOSED SCHEDULE FOR FISCAL YEAR 2024 (OCTOBER 2023 – SEPTEMBER 2024)

Wednesday, February 21, 2024 – NSSAB Full Board Meeting in Las Vegas, NV (start at 4 pm)

- *FY 2026 Prioritization – Work Plan Item #1* briefing and recommendation development (DOE Activity Leads)
- Round Robin development for Environmental Management Site-Specific Advisory Board (EM SSAB) National Chairs Spring Meeting
- Determine NSSAB attendance (4) for Devils Hole Workshop in Amargosa Valley – DATE TBD
- Update on LLW Stakeholders Forum (NSSAB representative)

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| Work Plan Item 1: | <i>Fiscal Year (FY) 2026 Prioritization</i> |
| Briefing/Discussion Date: | February 2024 |
| Recommendation Deadline: | February 2024 |
| Description: | <p><u>Background:</u> As part of the federal budget process, the EM Nevada Program must provide funding request information to Headquarters as it relates to planned FY 2026 activities. In February 2024, the EM Nevada Program will provide briefings on planned FY 2026 activities.</p> <p><u>NSSAB Scope:</u> From a community perspective, the NSSAB will provide a recommendation ranking the planned activities to inform the EM Nevada Program’s budget submission.</p> |

Wednesday, April 17, 2024 – NSSAB Full Board Meeting in Beatty, NV (start at 4 pm)

- *Transfer Process of EM Sites on the NNSS to NNSA/NFO – Work Plan Item #5* briefing and path forward (Tiffany Gamero, DOE)
- [Educational Session](#) on the *Pahute Mesa Flow and Transport Model* (John Myers, DOE/ Ken Rehfeldt, Navarro)
- Determine NSSAB attendance (1) for RadWaste Summit in Louisville, KY in June 3-5, 2024 (upon approval)
- NSSAB report on Waste Mgmt Symposia held in Phoenix, AZ

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| Work Plan Item 5: | <i>Transfer Process of Environmental Management (EM) Sites on the Nevada National Security Sites (NNSS) to National Nuclear Security Administration/Nevada Field Office (NNSA/NFO)</i> |
| Briefing/Discussion Date: | April 2024 |
| Recommendation Deadline: | July 2024 |
| Description: | <p><u>Background:</u> In April 2024, the EM Nevada Program will provide a briefing to the NSSAB on the normal transfer process for the stewardship of sites; the differences that the Federal Facility Agreement and Consent Order (FFACO) sites on the NNSS present from this process; a tentative timeline and draft Site Transition Plan outline.</p> <p><u>NSSAB Scope:</u> From a community perspective, the NSSAB will provide a recommendation on specific topics to be included in the final Site Transition Plan and how and to whom it should be communicated.</p> |

DATE TBD – EM SSAB National Chairs Spring Meeting in Cincinnati, OH hosted by Portsmouth Site (Chair and Vice-Chair to Attend)

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NSSAB PROPOSED SCHEDULE FOR FISCAL YEAR 2024 (OCTOBER 2023 – SEPTEMBER 2024)

Wednesday, July 17, 2024 – NSSAB Full Board Meeting in Las Vegas, NV (start at 4 pm)

- *Follow-up to Transfer Process of EM Sites on the NNSS to NNSA/NFO recommendation development – Work Plan Item #5* (Tiffany Gamero, DOE)
- *Follow-up to Low-Level Waste (LLW) Visual Verification* NSSAB reports on their observations and recommendation development – **Work Plan Item 2** (Marilew Bartling, Navarro)
- *Follow-up to Low-Level Waste (LLW) Facility Evaluations* NSSAB reports on their observations and recommendation development – **Work Plan Item 3** (Marilew Bartling, Navarro)
- *Follow-up to Real-Time Radiography (RTR) Operations at the Area 5 Radioactive Waste Management Complex (RWMC) at the Nevada National Security Sites (NNSS)* NSSAB reports on their observations and recommendation development – **Work Plan Item 4** (Byron Smith, Navarro)
- Notification of Chair/Vice-Chair Elections for FY 2025
- Update on EM SSAB National Chairs Spring Meeting
- Round Robin development for EM SSAB National Chairs Fall Meeting in Las Vegas, NV
- Determine NSSAB attendance (1) for National EM Cleanup Workshop in WDC in Sept 2024 (upon approval)
- NSSAB report on RadWaste Summit
- Update on LLW Stakeholders Forum (NSSAB representative)

Wednesday, September 18, 2024 – NSSAB Full Board Meeting in Las Vegas, NV (start at 4 pm)

- FY 2025 Work Plan Development
- FY 2024 Wrap Up and FY 2025 Look Ahead Briefings for Industrial Sites, Long-Term Monitoring, Waste Management, and Groundwater [Underground Test Area-UGTA] (DOE Activity Leads)
- Chair/Vice-Chair Elections for FY 2025
- Determine LLW Stakeholders Forum Representative for FY 2025
- NSSAB report on National EM Cleanup Workshop
- Update on LLW Stakeholders Forum (NSSAB representative)

DATE TBD for FALL 2024 – EM SSAB National Chairs Fall Meeting in Las Vegas, NV

FY 2024 NSSAB Calendar*

| October 2023 | | | | | | |
|--------------|----|----|----|----|----|----|
| S | M | T | W | T | F | S |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
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| 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| 29 | 30 | 31 | | | | |

Oct 2-5 - EM SSAB Chairs-Oak Ridge
 Oct 9 - Columbus Day
 Oct 18 - NSSAB Tour - NNSS

| November 2023 | | | | | | |
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| 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 25 | 26 | 27 | 28 | 29 | 30 | |

Nov 8 - NSSAB Mtg - LV
 Nov 10 - Veterans Day Observed
 Nov 14-16 DOE IG Mtg -Minneapolis
 Nov 23 - Thanksgiving

| December 2023 | | | | | | |
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| 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| 31 | | | | | | |

Dec 25-Christmas Observed

| January 2024 | | | | | | |
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| 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| 28 | 29 | 30 | 31 | | | |

Jan 1 - New Years
 Jan 17 - NSSAB Mtg - Pahrump
 Jan 15 - MLK

| February 2024 | | | | | | |
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| 18 | 19 | 20 | 21 | 22 | 23 | 24 |
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Feb 19 - Presidents Day
 Feb 21 - NSSAB Mtg - LV

| March 2024 | | | | | | |
|------------|----|----|----|----|----|----|
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| 17 | 18 | 19 | 20 | 21 | 22 | 23 |
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Mar 10-15 Waste Mgmt - Phoenix
 Mar 11-15 -Spring Break (CCSD)

| April 2024 | | | | | | |
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| 21 | 22 | 23 | 24 | 25 | 26 | 27 |
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Apr 17 - NSSAB Mtg - Beatty
 TBD Devils Hole

| May 2024 | | | | | | |
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| 19 | 20 | 21 | 22 | 23 | 24 | 25 |
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TBD Spring EM SSAB Chairs - PORTS

May 27 - Memorial Day

| June 2024 | | | | | | |
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| 16 | 17 | 18 | 19 | 20 | 21 | 22 |
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June 3-5 RadWaste - Louisville
 Jun 19 - Juneteenth

| July 2024 | | | | | | |
|-----------|----|----|----|----|----|----|
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| 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| 28 | 29 | 30 | 31 | | | |

July 4 - Ind Day

July 17 - NSSAB Mtg - LV

| August 2024 | | | | | | |
|-------------|----|----|----|----|----|----|
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| 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 25 | 26 | 27 | 28 | 29 | 30 | 31 |

| September 2024 | | | | | | |
|----------------|----|----|----|----|----|----|
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| 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| 29 | 30 | | | | | |

Sep 2 -Labor Day
 TBD - EM Cleanup WS
 Sept 18 - NSSAB Mtg - LV

*Subject to Change