



# Environmental Management (EM) Nevada Program Activities Monthly Report to the Nevada Site Specific Advisory Board (NSSAB) September 2023



## **External Affairs**

- NSSAB:
  - NSSAB member accompanied the Radioactive Waste Acceptance Program (RWAP) team to observe a facility evaluation in Kingston, TN in support of a work plan item – August 14-17, 2023
  - The minutes for the EM Site-Specific Advisory Board (SSAB) National Chairs Meeting held in March 2023 have been finalized and can be accessed [here](#) (also includes meeting presentations and the recording of the meeting). The EM SSAB recommendation and response from that meeting can be accessed [here](#).
- Events/Stakeholders Meetings:
  - Hosted Low-Level Waste Stakeholders Forum via hybrid format in Pahrump, NV (NSSAB representative attended) – August 9, 2023
- Publications:
  - The current *EM Strategic Vision: 2023-2033* can be accessed [here](#). Nevada National Security Sites (NNSS) is featured on pages 32-33. [standing item]
- Planned activities for September 2023:
  - NSSAB member to accompany the RWAP team to observe a facility evaluation in West Valley, NY in support of a work plan item – September 11-14, 2023
  - Attend EM Cleanup Workshop in Arlington, VA (NSSAB Vice-Chair to attend) – September 12-13, 2023
  - Host EM Nevada Program Intergovernmental Meeting via hybrid format in Las Vegas, NV (NSSAB leadership to attend) – September 20, 2023
  - Host NSSAB Full Board Meeting via hybrid format in Las Vegas, NV, including social media, news release with 36,802 subscribers, and newspaper advertising for promotion – September 20, 2023

## **Waste Disposal and Transportation**

- The fiscal year 2023 Waste Volume Report for the third quarter (April - June 2023) is available at <http://www.nnss.gov/pages/programs/RWM/Reports.html>
- The fiscal year 2023 Transportation Report for the third quarter (April - June 2023) is available at <http://www.nnss.gov/pages/programs/RWM/Reports.html>
- Update from previous reports – Idaho Falls, ID generator. In May 2023, RWAP conducted an onsite facility evaluation that resulted in one Finding. In July 2023, RWAP approved the generator's corrective action plan (CAP). RWAP is awaiting the generator's objective evidence to review before closing the Finding. (please see June – August 2023 Monthly Reports for more information)

- Update from previous reports – Albuquerque, NM generator: In June 2023, RWAP conducted an onsite facility evaluation that resulted in one Finding. In August 2023, the generator provided sufficient evidence to the Finding that RWAP downgraded to an observation. (please see July – August 2023 Monthly Reports for more information)
- Update from previous reports – Gainesville, FL generator: In June 2023, RWAP conducted an onsite facility evaluation that resulted in one Finding. In August 2023, RWAP was in the process of reviewing the generator’s CAP. (please see July – August 2023 Monthly Reports for more information)
- Update from previous report – Portsmouth, OH generator: In July 2023, RWAP conducted an onsite facility evaluation that resulted in one Finding. In August 2023, RWAP submitted its final report, and the generator has 30 days to respond to the Finding. (please see August 2023 Monthly Report for more information)
- In the month of August 2023, RWAP conducted three facility evaluations:
  - Idaho Falls, ID generator: A facility evaluation that resulted in no Findings.
  - Oak Ridge, TN generator: A facility evaluation that resulted in one Finding. The generator will have 30 days after receiving RWAP’s report to respond to the Finding.
  - Pantex, TX generator: A facility evaluation that resulted in one Finding. The generator will have 30 days after receiving RWAP’s report to respond to the Finding.
- In the month of September 2023, RWAP will conduct one facility evaluation.
- In the month of September 2023, approximately 67,968 cubic feet of low-level waste (LLW), mixed (MLLW), and classified waste is forecasted for disposal at the NNSS.

## **Underground Test Area (UGTA) - Groundwater**

### ***Corrective Action Unit (CAU) 101/102, Pahute Mesa***

In August 2023, development of the Corrective Action Decision Document/Corrective Action Plan for the Pahute Mesa CAUs continued. Resolution of State of Nevada Division of Environmental Protection (NDEP’s) comments on the Calendar Year 2022 UGTA Annual Sampling Letter Report began. Collection of groundwater samples from Pahute Mesa wells continued.

## **Industrial Sites**

### ***CAU 114, Area 25 Engine Maintenance, Assembly, and Disassembly (EMAD) Facility***

CAU 114 comprises three Corrective Action Sites (CASs) in Area 25 of the NNSS. The Streamlined Approach for Environmental Restoration (SAFER) Plan was approved by NDEP in June 2021. In August 2023, preparation of the facility for eventual demolition continued, and will continue in September 2023.

### ***CAU 572, Test Cell C (TCC) Ancillary Building and Structures***

CAU 572 comprises five CASs in Area 25 of the NNSS. The SAFER Plan was approved by NDEP in April 2021. In June 2023, structural demolition of Building 3220 was completed. Demolition of other structures in the TCC compound continued in August 2023. Preparation of the Closure Report continued in August 2023 and will continue in September 2023; the Closure Report is due in September 2023.



*TCC Demolition Update - Before*



*TCC Demolition Update – After*

### ***CAU 578, Miscellaneous Inactive Sites***

CAU 578 comprises eleven CASs on the NNSS. The SAFER Plan was submitted to and approved by NDEP in June 2023. Closure work at the CASs occurred in August 2023 and will continue in September 2023.

### **Post-Closure Monitoring**

#### ***Non-Resource Conservation and Recovery Act (RCRA) Post-Closure Monitoring Sites***

The Non-RCRA Post-Closure Monitoring Sites include CASs where post-closure inspections and maintenance were performed in accordance with closure requirements. Maintenance and repairs identified during the 2022 annual inspections will continue through calendar year 2023. The annual post-closure inspections began in July 2023 and will continue through the calendar year.

### ***RCRA Post-Closure Monitoring Sites***

The RCRA Post-Closure Monitoring Sites include seven CAUs where post-closure inspections, monitoring, and maintenance were performed in accordance with the RCRA Permit and closure requirements. In August 2023, required repairs and maintenance identified during the June 2023 inspections were performed. In September 2023, quarterly inspections will be conducted.

### ***Groundwater Post-Closure Monitoring***

In August 2023, NDEP completed its review of the Draft Addendum to the UGTA Closure Report for CAU 98, Frenchman Flat, without comment. Finalization of the document is underway.

### **Federal Facility Agreement and Consent Order (FFACO)**

The FFACO is a regulatory agreement that identifies sites of potential historic contamination on the NNSS and outlines a strategy and timeline for completing corrective actions. A collaborative effort with all signatories to modify the FFACO is underway to update the main body and appendices. One key change is the identification of the EM Nevada Program as a separate signatory (previously, the EM Nevada Program and NNSA/NFO were represented by NNSA/NFO signature). A new Appendix, VII, was also written to provide a Post-Closure Strategy for closed CAUs that includes processes for transitioning responsibility of FFACO sites to long-term stewards. This extensive revision process was last undertaken when the FFACO was modified in 2010. The proposed changes in progress further solidify the Department's commitment to long-term environmental protection and support the evolution of the EM Nevada Program mission. The NSSAB will receive a briefing on this topic in September 2023.