

**Environmental Management (EM)
Nevada Program Activities
Monthly Report to the
Nevada Site Specific Advisory Board (NSSAB)
November 2020**

In October 2020, the EM Nevada Program continued to operate in Phase 2 of its Operations Remobilization Plan with a continued focus on the deliberate and gradual approach to the execution of Phase 2 protocols. The Remobilization Plan aligns with the President's *Reopening America Again* and U.S. Department of Energy's (DOE's) *Return to the Federal Workplace Framework* plans in full coordination with site partners at the National Nuclear Security Administration/Nevada Field Office (NNSA/NFO). The EM Nevada Program closely monitors the data reported by the State of Nevada, the Southern Nevada Health District, and other public health agencies with employee health and safety remaining the top priority. Limited travel has commenced under Phase 2, primarily for Radioactive Waste Acceptance Program (RWAP) facility evaluations and oversight, and is being considered and approved on a case-by-case basis. EM Nevada crews are currently performing field work. The EM Nevada Program continues to meet its commitments to stakeholders through virtual and/or in-person meetings (i.e., NSSAB, Low-Level Waste (LLW) Stakeholders Forum, State of Nevada Division of Environmental Protection (NDEP), etc.) In an abundance of caution, EM Nevada Program has opted to transition all Program-hosted public events to a virtual format through at least March 31, 2020.

External Affairs

- NSSAB:
 - Participated in EM Site-Specific Advisory Board (EM SSAB) National Chairs Virtual Meeting (NSSAB Chair and Vice-Chair attended and presented Round Robin on behalf of the NSSAB). The YouTube recordings available for Day 1: <https://youtu.be/gxF72g9YMHQ> and for Day 2: <https://youtu.be/PtdF69V10Co> – October 19-20, 2020
 - Participated in Orientation for current and new members and liaisons – October 27, 2020
- Events/Stakeholders Meetings:
 - Hosted DOE Undersecretary for Science Paul M. Dabbar (S-4) for Nevada National Security Site (NNS) site observation, EM Nevada Program briefing, and Tonopah Test Range (TTR) transfer milestone commemoration (see photo below) – October 20, 2020
- Publications:
 - Published social media and a follow-up article, *EM Nevada Discusses Risk-informed Decision Making, Culture of Collaboration at 2020 RadWaste Summit*, on the panel discussion conducted during the conference; article is available on the NNS website at <http://www.nns.gov/pages/News/news.html> – October 13, 2020
 - Published follow-up article, *EM Nevada Hosts Jack Zimmerman, EM Consolidated Business Center (EMCBC) Director, for Program Visit*, in the EMCBC Newsletter – October 21, 2020
 - Publish social media and follow-up article, *DOE, NNSA Celebrate Transfer of Nevada Sites for Long-Term Stewardship*, in EM Update newsletter and available at https://content.govdelivery.com/accounts/USDOEOEM/bulletins/2a6e512?fbclid=IwAR2swXyELRMcADz9wQh7VR4Ea9Tg_NSROHAh-fW6QuwTuP9WY0OXQGg804#link_5

- NNSC tours:
 - Per NNSA/NFO, all site tours have been suspended through December 31, 2020
- Planned activities for November 2020:
 - Host LLW Stakeholders Forum via virtual meeting (invite only) – November 5, 2020
 - Attend DOE HQ Intergovernmental Meeting via virtual meeting – November 17-18, 2020
 - Host EM Nevada Program Intergovernmental Meeting via virtual meeting (NNSAB Chair to attend) – November 18, 2020
 - Host NNSAB Full Board Meeting via virtual meeting – November 18, 2020
 - Publish social media and article on the Closure of Yucca Flat/Climax Mine groundwater area



Representatives from DOE Leadership, EM Nevada Program, EMCBC, NNSA/NFO, and Associated Contractors during S-4 Visit

Waste Disposal and Transportation

- The Transportation and Waste Volume Reports for fiscal year 2020 – 4th Quarter (July – September 2020) are available online: <http://www.nnss.gov/pages/programs/RWM/Reports.html>
- Update from previous reports – Y-12 National Security Complex (Y-12), Oak Ridge, TN generator: The EM Nevada Program continues to coordinate with DOE Headquarters and the NNSA/NFO on items related to the Y-12 waste event from July 2019. RWAP has scheduled a facility evaluation of the Y-12 generator for mid-November 2020. Y-12 cannot ship waste to the NNSS until it satisfactorily undergoes a RWAP facility evaluation. (please see April – May 2019, July 2019 – April 2020, August – October 2020 NNSAB Monthly Reports for more information)
- In October 2020, the RWAP conducted one facility evaluation:
 - NNSC, NV generator: The facility evaluation resulted in no Findings.
- In November 2020, the RWAP will conduct two facility evaluations.
- In November 2020, approximately 50,756 cubic feet of LLW, mixed LLW, and classified waste is forecasted for disposal at the NNSS.

Underground Test Area (UGTA)

Corrective Action Unit (CAU) 97, Yucca Flat/Climax Mine

The Closure Report was approved by NDEP in October 2020. This CAU is now considered closed, and post-closure monitoring will commence.

CAU 101/102, Pahute Mesa

The Pahute Mesa Hydrologic Data Document was submitted to NDEP in October 2020.

Industrial Sites

CAU 577, Area 5 Chromium Contaminated Waste Disposal Cells

CAU 577 comprises five Corrective Action Sites (CASs) located at the Area 5 Radioactive Waste Management Complex. In July 2020, a revised draft Corrective Action Decision Document/Corrective Action Plan (CADD/CAP) was submitted to NDEP and comments were received. Comment resolution and work on the final CADD/CAP continued in October 2020.

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 performed in accordance with closure requirements. The annual inspections began in August 2020 and will continue throughout the calendar year.

RCRA Post-Closure Monitoring Sites

The RCRA Post-Closure Monitoring Sites include six CAUs where post-closure inspections, monitoring, and maintenance are performed in accordance with the RCRA Permit and closure requirements. Maintenance identified during the September 2020 quarterly inspections was conducted in October 2020 and will continue in November 2020.

CAU 99, Rainier Mesa/Shoshone Mountain

Groundwater sampling continued in October 2020 and will be completed in November 2020.