Environmental Management (EM)
Nevada (NV) Program Activities
Monthly Report to the
Nevada Site Specific Advisory Board (NSSAB)
May 2022

External Affairs

- Events/Stakeholders Meetings:

- Publications:
  - The current *EM Strategic Vision: 2022-2032* can be accessed [here](#). The Nevada National Security Site (NNSS) is featured on pages 37-39. [standing item]
  - The EM Site-Specific Advisory Board (SSAB) was the focus of an episode of the Gone Fission Nuclear Report podcast released on April 25, 2022, can be accessed [here](#)
  - Featured in article and social media, *Budget Proposal Would Enable Signature Skyline Changes to Continue*, in EM Update on April 26, 2022, and DOE Office of EM Weekly Digest Bulletin on May 1, 2022, can be accessed [here](#)

- NNSS tours:
  - Per National Nuclear Security Administration/Nevada Field Office (NNSA/NFO), all site tours have been cancelled until further notice. [http://www.nnss.gov/pages/PublicAffairsOutreach/NNSStours.html](http://www.nnss.gov/pages/PublicAffairsOutreach/NNSStours.html)

- Planned activities for May 2022:
  - Host Waste Generator Workshop for generators (federal and contractor employees) that dispose waste at the NNSS via hybrid format in Las Vegas, NV – May 2-5, 2022
  - Conduct groundwater demonstration for the “May the Science Be With You” family-friendly community event sponsored by the Las Vegas Science & Technology Festival and Desert Research Institute at the National Atomic Testing Museum, Las Vegas, NV – May 4, 2022
  - Participate in EM SSAB National Chairs Meeting via hybrid format in Paducah, KY (NSSAB Vice-Chair to attend) – May 3-4, 2022
  - Host Low-Level Waste Stakeholders Forum via hybrid format in Las Vegas, NV (NSSAB representative to attend) – May 12, 2022
  - Host a visit at the Molasky Corporate Center for Jack Zimmerman, Director of the EM Consolidated Business Center to include attendance at NSSAB Meeting – May 17-19, 2022
  - Host NSSAB Full Board Meeting via hybrid format including social media in Las Vegas, NV – May 18, 2022
  - Host EM Nevada Program Intergovernmental Meeting via hybrid format in Las Vegas, NV (NSSAB leadership to attend) – May 18, 2022
Host a visit of the NNSS and training sessions in the 15<sup>th</sup> floor conference room at the Molasky Corporate Center for Nicole Nelson-Jean, Associate Principal Deputy Assistant Secretary for Field Operations for the Office of EM (EM-3) – May 24, 2022

**Waste Disposal and Transportation**


- In April 2022, a routine real-time radiography (RTR) of a waste shipment from an Oak Ridge generator contained suspected prohibited items (batteries and circuit boards). The generator’s records did not include any clear notations that the batteries and/or circuit boards were NNSS Waste Acceptance Criteria (WAC) compliant. The EM Nevada Program required that the generator retrieve and return the waste to its site and suspended the profile pending results of opening the suspected waste. At the end of April 2022, the Radioactive Waste Acceptance Program (RWAP) observed the generator breach and unpack the waste at the generator’s site. The investigation is ongoing, and a status update will be reported in future monthly reports.

- In April 2022, the RWAP conducted three facility evaluations:
  - Livermore, CA generator: A facility evaluation that resulted in no Findings
  - Los Alamos, NM generator: A facility evaluation that resulted in no Findings
  - Paducah, KY generator: A facility evaluation that resulted in no Findings

- In May 2022, the RWAP will conduct three facility evaluations.

- In May 2022, approximately 76,435 cubic feet of low-level waste (LLW), mixed (MLLW), and classified waste is forecasted for disposal at the NNSS.

**Underground Test Area (UGTA)**

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

In April 2022, the State of Nevada Division of Environmental Protection (NDEP) review of the Pahute Mesa Phase II Flow and Transport Model Report 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 April 2022, site characterization and hazard reduction activities were conducted and will continue in May 2022.

*CAU 572, Test Cell C 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 April 2022, site characterization and hazard reduction activities were conducted and will continue in May 2022, as access allows.

*CAU 577, Area 5 Chromium Contaminated Waste Disposal Cells*

CAU 577 comprises five CASs located at the Area 5 Radioactive Waste Management Complex (RWMC). In April 2022, irrigation of the seeded cover on Cell 20 continued.
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. In December 2021, annual inspections for the calendar year were completed; maintenance and repairs identified during the 2021 annual inspections will continue throughout the 2022 calendar year.

RCRA Post-Closure Monitoring Sites
The RCRA Post-Closure Monitoring Sites include six CAUs where post-closure inspections, monitoring, and maintenance performed in accordance with the RCRA Permit and closure requirements. The quarterly inspections for the second quarter of fiscal year 2022 were conducted in March 2022; maintenance identified during the quarterly inspections was performed in April 2022.

Groundwater Post-Closure Monitoring
In April 2022, resolution of NDEP comments on the Frenchman Flat Five-Year Evaluation Letter Report continued.