

**Environmental Management (EM)  
Nevada Program Activities  
Monthly Report to the  
Nevada Site Specific Advisory Board (NSSAB)  
April 2019**

**Waste Disposal and Transportation**

- Update from previous months' reports - In October 2017, the State of Nevada Division of Environmental Protection (NDEP) issued a Finding of Alleged Violation to the Department of Energy/National Nuclear Security Administration (NNSA) as a result of the Nevada National Security Site (NNSS) accepting 93 containers of waste from a generator and disposing as low-level waste (LLW) when the containers should have been disposed as mixed LLW (MLLW). In March 2019, NDEP transmitted the final draft of the Settlement Agreement to NNSA and the EM Nevada Program for review prior to execution. (please see November 2017 – March 2019 NSSAB Monthly Reports for more information)
- Update from previous months' reports – Oak Ridge, TN generator: In November 2018, a facility evaluation resulted in one Finding. In January 2019, the generator submitted its CAP to the Radioactive Waste Acceptance Program (RWAP). In January and February 2019, RWAP reviewed the CAP and provided comments. In March 2019, the generator addressed the comments, and RWAP is reviewing. (please see December 2018 – March 2019 NSSAB Monthly Reports for more information.)
- In March 2019, RWAP conducted two facility evaluations:
  - Oak Ridge, TN generator #1: The facility evaluation resulted in two Findings. The generator will have 30 days to respond after RWAP issues its report.
  - Oak Ridge, TN generator #2: The facility evaluation resulted in no Findings.
- In April 2019, RWAP will conduct three facility evaluations.
- In April 2019, approximately 91,489 cubic feet of LLW, MLLW, and classified waste is forecasted for disposal at the NNSS.

**Underground Test Area (UGTA)**

***Corrective Action Unit (CAU) 97, Yucca Flat***

The development of the Model Evaluation Report continued in March 2019 and will continue in April 2019. The Model Evaluation Report is due to NDEP in June 2019.

***CAU 99, Rainier Mesa/Shoshone Mountain***

Comments on the Addendum to the Flow and Transport Model Report were received from NDEP in March 2019; development of the report will continue in April 2019.

### ***CAUs 101/102, Pahute Mesa***

Groundwater sampling for fiscal year 2019 began in October 2018 and will continue through the fiscal year. Preparation of the closure strategy path forward continued in March 2019 and will continue in April 2019.

## **Post-Closure Monitoring**

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

The Non-RCRA Post-Closure Monitoring Sites include Corrective Action Sites (CASs) where post-closure inspections and maintenance are performed in accordance with closure requirements. Maintenance identified by the annual inspections in September 2018 will continue through the fiscal 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. In March 2019, irrigation of the CAU 111 revegetation test plots continued, as well as monthly inspections of the plots. Both activities will continue in April 2019. Quarterly inspections of post-closure RCRA sites occurred in March 2019.

### ***CAU 98, Frenchman Flat***

Preparation of the calendar year 2018 Annual Closure Monitoring Report continued in March 2019 and will continue in April 2019. The Annual Closure Monitoring Report is due to NDEP in June 2019.

## **Soils**

### ***CAU 414, Clean Slate III Plutonium Dispersion***

CAU 414 comprises one CAS on the Nevada Test and Training Range. At the end of March 2019, 476 bags of contaminated soil have been filled. As of March 31, 2019, 210 shipments of 420 bags have been shipped and disposed at the Area 3 Radioactive Waste Management Site and Area 5 Radioactive Waste Management Complex (RWMC).

## **External Affairs**

- NSSAB:
  - Hosted an NSSAB Full Board Meeting in Amargosa Valley, NV – March 20, 2019
- Publications:
  - Ongoing social media campaign – 32 posts on Facebook and 27 original tweets on Twitter
- Ongoing exhibits:
  - *Operation Clean Desert* – Nevada Public Reading Room in Las Vegas, Amargosa Valley Library, Goldfield Library, Central Nevada Museum in Tonopah, NV, and Pahrump Valley Museum in Pahrump, NV
  - EM kiosk – located at National Atomic Testing Museum Public Reading Room

- Events/Stakeholders Meetings:
  - Participated in 2019 Waste Management Symposia in Phoenix, AZ – March 4-7, 2019
    - Hosted EM Nevada booth – March 4-7, 2019
    - Participated in *The LLW Disposal Facility Federal Review Group Review Process* panel – March 6, 2019
    - Participated in *DOE Waste Management – Energy Facilities Contractor Operating Group* roundtable – March 7, 2019
    - Presented *Alternative Modeling Strategy for Closure of the Rainier Mesa CAU at the NNSS* – March 7, 2019
  - Conducted an intergovernmental meeting with NSSAB liaisons and NSSAB leadership in Amargosa Valley, NV – March 20, 2019
  - Participated in Career Day at Mojave High School in Las Vegas, NV – March 26, 2019
  - Participated in Environmental Festival at Palo Verde High School in Las Vegas, NV – March 30, 2019
- NNSS Tours:
  - Hosted tour of NNSS that included Area 5 RWMC for Santa Barbara News-Press personnel – March 7, 2019
  - Hosted tour of NNSS that included Area 5 RWMC for University of Notre Dame International Security Center – March 12, 2019
  - Hosted tour of NNSS that included Area 5 RWMC for DOE HQ personnel – March 12, 2019
  - Hosted tour of NNSS that included Area 5 RWMC for Argonne Decommissioning Workshop – March 14, 2019
  - Hosted public tour of the NNSS that included Area 5 RWMC – March 19, 2019
  - Hosted tour of NNSS that included Area 5 RWMC, EMAD, and Test Cell C for DOE Environmental Management Consolidated Business Center – March 20, 2019
  - Hosted tour of NNSS that included Area 5 RWMC for Clark County Museum Guild – March 25, 2019
  - Hosted public tour of the NNSS that included Area 5 RWMC – March 26, 2019
- Planned activities for April 2019:
  - Host Low-level Waste Stakeholders Forum meeting in Las Vegas, NV – April 2, 2019
  - Attend Clark County Local Emergency Planning Committee in Las Vegas, NV – April 2, 2019
  - Host NSSAB tour of Pahute Mesa/Rainier Mesa – April 10, 2019
  - Host NNSS tour for Low-level Waste Stakeholders Forum members – April 18, 2019
  - Host an NSSAB Full Board Meeting in Las Vegas, NV – April 24, 2019
  - Participate in annual Consolidated Group of Tribes and Organizations meeting in Las Vegas, NV – April 23-25, 2019
  - Participate in Low-level Waste Federal Review Group Semi-Annual Business Meeting in Idaho Falls, ID – April 29 – May 2, 2019