

**Nevada Field Office**  
**Environmental Management Activities**  
**Monthly Report to the NSSAB**  
**April 2016**

**Waste Disposal and Transportation**

- Update from previous month's report - Oak Ridge, TN, generator: The facility evaluation resulted in one Corrective Action Request, and the generator responded to the final Radioactive Waste Acceptance Program (RWAP) report in February 2016. RWAP is still in the process of reviewing the response. (please see February – March 2016 NSSAB Monthly Reports for more information).
- Update from last month's report – Richland, WA, generator: No findings were identified.
- In March 2016, RWAP conducted the following facility evaluations:
  - Amarillo, TX, generator: No findings were identified.
  - Oak Ridge, TN, generator: No findings were identified.
  - Las Vegas, NV, generator: No findings were identified. Two NSSAB members observed surveillance in support of its work plan.
  - Oak Ridge, TN, generator: No findings were identified.
- In April 2016, RWAP will conduct three facility evaluations.
- In April 2016, approximately 97,300 cubic feet of low-level waste (LLW) and mixed LLW is forecasted for disposal at the Nevada National Security Site (NNSS).
- The Waste Transportation Routing Quarterly Reports for 4<sup>th</sup> Quarter, July – September 2015 and 1<sup>st</sup> Quarter, October – December 2015 are available online at <http://www.nv.energy.gov/emprograms/transportationreports.aspx>

## Underground Test Area (UGTA)

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

Responses to Peer Review comments were presented to the Pre-Emptive Review Committee in March 2016. Also in March 2016, drilling was completed at Well ER 3-3. In March 2016, drilling Well ER-4-1 began and will continue into early April 2016.

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

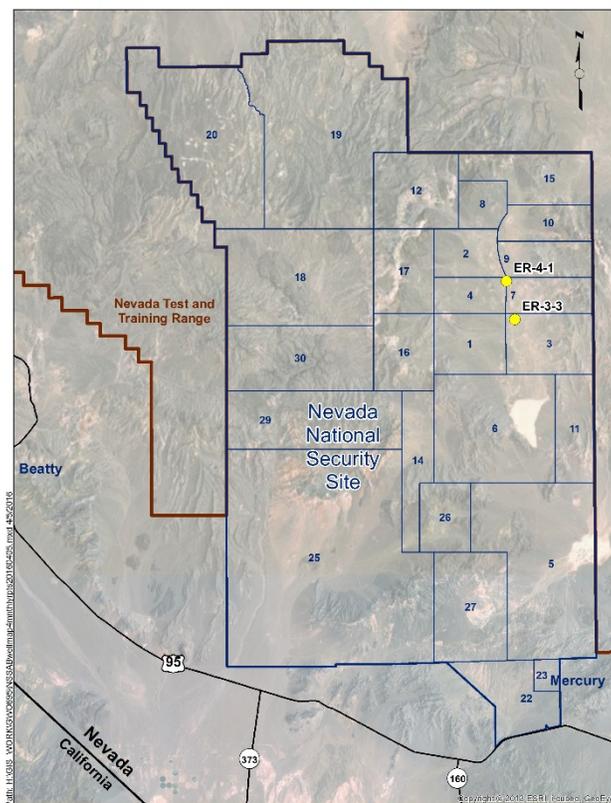
In March 2016, work continued on the final Closure Report. The report may be published in April 2016. Planning of sampling at Frenchman Flat was finished in March 2016 with sampling expected to be conducted from April 2016 into June 2016.

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

The modeling team continued to implement the revised modeling approach in March 2016.

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

Compiled aquifer parameter data from multiple sources into a single database. Finished the water level data assessment for Pahute Mesa in March 2016.



## Soils and Industrial Sites

### ***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. In April 2016, additional repairs at CAU 547, Miscellaneous Contaminated Waste Sites, will be conducted. Required repairs and maintenance identified in the annual inspections will be performed throughout fiscal year 2016.

### ***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 2016, quarterly inspections were conducted.

### ***CAUs 411 and 412, Double Tracks Plutonium Dispersion and Clean Slate I Plutonium Dispersion***

CAUs 411 and 412 comprise one CAS each on the Nevada Test and Training Range. Preparation of the closure reports continued in March 2016 and will continue in April 2016.

***CAU 413, Clean Slate II Plutonium Dispersion***

CAU 413 comprises one CAS on the Nevada Test and Training Range. In March 2016, development of the Corrective Action Investigation Plan (CAIP) continued and will continue in April 2016. The CAIP is due to the State of Nevada Division of Environmental Protection (NDEP) by July 2016.

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

CAU 414 comprises one CAS on the Nevada Test and Training Range. Radiological surveys of legacy contamination at CAU 414 were conducted in March 2016 and will continue in April 2016. In March 2016, development of the CAIP began and will continue in April 2016. The CAIP is due to NDEP by April 2017.

***CAU 415, Project 57 No. 1 Plutonium Dispersion***

CAU 415 comprises one CAS related to historical nuclear testing. In May 2014, the Streamlined Approach for Environmental Restoration (SAFER) Plan for CAU 415 was approved by NDEP; planning for corrective actions continued in March 2016.

***CAU 541, Small Boy***

CAU 541 comprises two CASs related to historical nuclear testing. The development of the Corrective Action Decision Document/Closure Report (CADD/CR) continued in March 2016. The CADD/CR is due to NDEP in May 2016.

***CAU 568, Area 3 Plutonium Dispersion Sites***

CAU 568 comprises six CASs related to historical nuclear testing. Work on the Corrective Action Plan (CAP) continued in March 2016 and will continue in April 2016. Some waste management activities were conducted in March 2016. The CAP is due to NDEP in May 2016.

***CAU 573, Alpha Contaminated Sites***

CAU 573 comprises two CASs related to historical nuclear testing. The CADD/CAP was approved by NDEP in March 2016. Pre-field planning activities will be conducted in April 2016.

***CAU 575, Area 15 Miscellaneous Sites***

CAU 575 comprises two CASs related to historical nuclear testing. In March 2016, development of the SAFER Plan resumed and will continue in April 2016.

**Public Involvement:**

- Ongoing exhibits:
  - *Operation Clean Desert* – Nevada Public Reading Room in Las Vegas, Amargosa Valley Library, Goldfield Library, and Central Nevada Museum in Tonopah
  - Environmental Management kiosk – Located at Central Nevada Museum in Tonopah, Nevada
- Publications:
  - Ongoing social media campaign (Facebook, Twitter) – 13 original posts on Facebook, 10 original tweets on Twitter

- Published *Operation Clean Desert: A Plus for Science* article for EM News Flash
- Outreach:
  - Provided 535 copies of the Operation Clean Desert (OCD) activity book, 9 copies of the Operation Clean Desert Teacher’s Guide, and 12 Operation Clean Desert CDs to teachers at Liberty High School, Cashman Middle School, Harney Middle School, and Mannion Middle School
  - Presented OCD briefing to science teachers at Harney Middle School
- Other
  - Participated in 2016 Waste Management Symposia in Phoenix, AZ
- NSSAB:
  - NSSAB conducted a membership recruitment drive – entire month of March 2016
  - Two NSSAB members taped an interview for the membership recruitment drive on Pahrump TV Channel 46 – March 3, 2016 with the show airing on March 8, 2016 and available on YouTube
  - NSSAB hosted educational session, *RTG Transport Project*, in Las Vegas, Nevada – March 16, 2016
  - NSSAB hosted a Full Board Meeting in Las Vegas, Nevada – March 16, 2016
  - Two NSSAB members attended Waste Management Symposia 2016 in Phoenix, Arizona – March 6 – 11, 2016
  - NSSAB members observed RWAP audit in Las Vegas, Nevada – March 22 – 23, 2016
- Planned activities for April 2016:
  - NSSAB to conduct membership interviews – April 5 – 7, 2016
  - NSSAB to develop recommendation to NFO regarding slate of preferred membership candidates
  - NSSAB Chair and Vice-Chair to attend EM Site-Specific Advisory Board National Chairs’ Meeting in Oak Ridge, TN – April 19 – 21, 2016
  - Participate in an EPA webinar and provide a briefing on waste transportation emergency preparedness – April 13, 2016
  - Outreach event at Decker Academy Science Night – April 14, 2016