

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

Waste Disposal and Transportation

- Update from previous months' reports – Erwin, TN, generator: The Radioactive Waste Acceptance Program (RWAP) issued one Finding. In August 2016, the waste in question was returned to the generator to be analyzed. The waste generator's program remains suspended; therefore they cannot ship low-level waste (LLW) to the Nevada National Security Site (NNSS). There has been no change in status. (please see July - September 2016 NSSAB Monthly Reports for more information)
- Update from previous months' reports – Portsmouth, OH, generator (second generator): The facility evaluation resulted in one Finding. There has been no change in status. (please see July – September 2016 NSSAB Monthly Reports for more information)
- Update from previous months' reports – Argonne, IL, generator: The facility evaluation resulted in one Finding. There has been no change in status. (please see August – September 2016 NSSAB Monthly Report for more information)
- Update from previous months' reports – Aberdeen, MD, generator: The facility evaluation resulted in two Findings. There has been no change in status. (please see August – September 2016 NSSAB Monthly Report for more information)
- Update from previous month's report – Los Alamos, NM, generator: The facility evaluation resulted in one Finding. The generator has 30 days to respond after receiving the final RWAP report. There has been no change in status. (please see September 2016 NSSAB Monthly Report for more information)
- Update from previous month's report – Oak Ridge, TN, generator: The facility evaluation resulted in one Finding. The waste processing center has 30 days to respond after receiving the final RWAP report. There has been no change in status. (please see September 2016 NSSAB Monthly Report for more information)
- In September 2016, RWAP conducted the following facility evaluations:
 - Ogden, UT, generator and Idaho Falls, ID, generator (mixed waste verification): No issues were identified.
 - Idaho Falls, ID, generators (two): Both facility evaluations resulted in no Findings.
 - San Diego, CA, generator: The facility evaluation resulted in no Findings.
- In October 2016, RWAP will conduct two facility evaluations.

- In October 2016, approximately 54,550 cubic feet of LLW and mixed LLW is forecasted for disposal at the NNSS.

Underground Test Area (UGTA)

Corrective Action Unit (CAU) 97, Yucca Flat

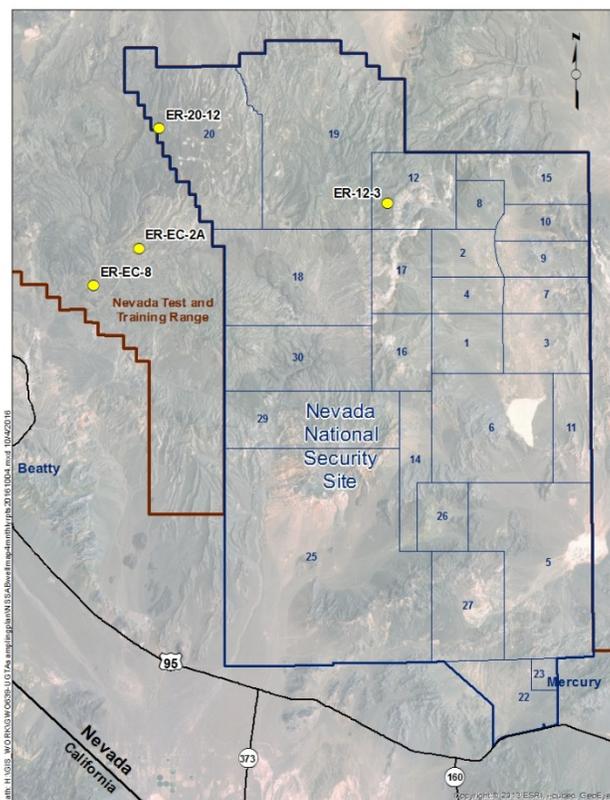
In September 2016, preparation of comment responses to the Yucca Flat Peer Review comments were completed.

CAU 99, Rainier Mesa/Shoshone Mountain

Pumping and sampling of Well ER-12-3 occurred in September 2016; pumping and sampling will be conducted in October 2016.

CAUs 101/102, Pahute Mesa

Analysis of data from Well ER-20-12 continued in September 2016 and will continue through October 2016. In September 2016, pumping and sampling at ER-EC-8 was completed; road repairs and mobilization to the ER-EC-2A site was conducted.



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. 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 September 2016, the quarterly/semi-annual inspections were conducted. Repairs identified will be completed in October 2016.

CAU 412, Clean Slate I Plutonium Dispersion

CAU 412 comprises one CAS on the Nevada Test and Training Range. Preparation of the Closure Report for CAU 412 continued in August 2016 and was submitted to the State of Nevada Division of Environmental Protection (NDEP) in September 2016. A response is expected in October 2016.

CAU 413, Clean Slate II Plutonium Dispersion

CAU 413 comprises one CAS on the Nevada Test and Training Range. Preparation of the Corrective Action Decision Document (CADD) continued in September 2016 and will continue in October 2016. The CADD is due to NDEP in March 2017.

CAU 414, Clean Slate III Plutonium Dispersion

CAU 414 comprises one CAS on the Nevada Test and Training Range. In September 2016, preparation of the Corrective Action Investigation Plan (CAIP) continued. The CAIP is due to NDEP in 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 September 2016.

CAU 541, Small Boy

CAU 541 comprises two CASs related to historical nuclear testing. The CADD/Closure Report (CADD/CR) was approved by NDEP in September 2016. With the approval of the CADD/CR, CAU 541 is now considered closed.

CAU 568, Area 3 Plutonium Dispersion Sites

CAU 568 comprises six CASs related to historical nuclear testing. Closure field work continued in September 2016 and corrective actions will continue in September 2016.

CAU 573, Alpha Contaminated Sites

CAU 573 comprises two CASs related to historical nuclear testing. Closure field work continued in September 2016 and will be completed in October 2016. The Closure Report is due to NDEP in February 2017.

CAU 575, Area 15 Miscellaneous Sites

CAU 575 comprises four CASs related to historical nuclear testing. In September 2016, development of the Closure Report continued and will continue in October 2016.

CAU 576, Miscellaneous Radiological Sites and Debris

CAU 576 comprises six CASs related to historical nuclear testing. In September 2016, development of the CAIP continued and will be submitted to NDEP in October 2016.

Public Involvement:

- Outreach:
 - Distributed 1,390 Operation Clean Desert activity books, 11 Operation Clean Desert teacher's guides, 11 Operation Clean Desert CDs and 150 Operation Clean Desert worksheets to Swainston Middle School, Pinecrest Academy St. Rose, and Cheyenne High School in Las Vegas, NV
 - Coordinated with Clark County School District staff regarding promotion of Operation Clean Desert outreach during the Connecting Hands: Offering Lifelong

Learning Adventures (CHOLLA) educational group meeting – September 21, 2016

- NSSAB:
 - NSSAB member attended the RadWaste Summit in Las Vegas, Nevada – September 7 – 9, 2016
 - NSSAB Chair and Vice-Chair attended a Quarterly meeting with EM Senior Management and NDEP– September 8, 2016
 - Nevada Field Office conducted an intergovernmental meeting with NSSAB Liaisons in Las Vegas, NV – September 21, 2016
 - NSSAB hosted a Full Board Meeting in Las Vegas, Nevada – September 21, 2016
- Publications:
 - Ongoing social media campaign – 19 original posts on Facebook, 20 original tweets on Twitter
 - Published *Upcoming Tour is a Second Chance to Learn about NNSS Groundwater!* Via EM News Flash
- Ongoing exhibits:
 - *Operation Clean Desert* – Nevada Public Reading Room in Las Vegas, Amargosa Valley Library, Goldfield Library, Central Nevada Museum in Tonopah, Nevada, and Pahrump Valley Museum in Pahrump, Nevada
 - Environmental Management kiosk – located at Central Nevada Museum in Tonopah, Nevada
- Planned activities for October 2016:
 - NSSAB to participate in new member orientation – October 13, 2016
 - NSSAB invited to attend the Underground Test Area Technical Information Exchange – October 13, 2016
 - NSSAB to attend an annual work plan tour of the NNSS – October 26, 2016
 - Groundwater demonstration at Wendell P. Williams Elementary School
 - Support groundwater-focused tour of the NNSS for Death Valley National Park Services members