

**Environmental Management
Monthly Report to the NSSAB
March 2015**

Waste Disposal and Transportation

- In February 2015, the U.S. Department of Energy, Nevada Field Office issued the Nevada National Security Site (NNSS) Waste Acceptance Criteria (WAC), Revision 10a. The NNSS WAC, Revision 10a is available at http://www.nv.energy.gov/library/publications/Environmental/DOENV_325.pdf , and revisions are noted by the vertical track changes bars in the right margins of the document.
- Update from previous months' reports - In September 2014, the Radioactive Waste Acceptance Program (RWAP) conducted a Facility Evaluation of the NNSS WAC for Babcock and Wilcox Conversion Services (BWCS), Paducah, Kentucky (please see October 2014 – February 2015 NSSAB Monthly Reports for more information). The status for this item remains unchanged from last month.
- Update from previous month's report - In January 2015, RWAP conducted a Facility Evaluation of the NNSS WAC for BWCS, Portsmouth, Ohio (please see February 2015 NSSAB Monthly Report for more information). The status for this item remains unchanged from last month.
- Update from previous month's report - In January 2015, RWAP conducted an impromptu surveillance of the PermaFix generator, Gainesville, Florida (please see February 2015 NSSAB Monthly Report for more information). The final report was sent in February 2015, and the generator will have 30 days to respond to the Corrective Action Request (CAR). Because the CAR was not systemic, the generator is allowed to continue shipping low-level waste (LLW) to the NNSS.
- In February 2015, RWAP conducted two impromptu Facility Evaluations:
 - Oak Ridge National Laboratory, Oak Ridge, Tennessee: No issues were identified.
 - LATA Environmental Services, Paducah, Kentucky: The Facility Evaluation resulted in one Observation that the generator corrected while RWAP was on-site.
- The RWAP will conduct two impromptu Facility Evaluations in March 2015.
- In March 2015, approximately 137,000 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 February 2015, the final External Peer Review panel report was submitted for distribution.

CAU 98, Frenchman Flat

In February 2015, the State of Nevada Division of Environmental Protection (NDEP) approved the outline for the closure report.

CAU 99, Rainier Mesa/Shoshone Mountain

In February 2015, the modeling team began reviewing the revised conceptual model and hydrostratigraphic model.

CAUs 101/102, Pahute Mesa

In February 2015, completed pumping and sampling of well ER-20-1 well site.

Industrial Sites

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

The Non-RCRA Post-Closure Monitoring Sites include 135 Corrective Action Sites (CASs) where post-closure inspections and maintenance are performed in accordance with closure requirements. Required repairs and maintenance continued to be performed in February 2015.

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 February 2015, required repairs and maintenance continued to be performed, as well as irrigation of the reseeded cover and installation of rabbit fencing at CAU 111. In March 2015, irrigation will likely continue at CAU 111.

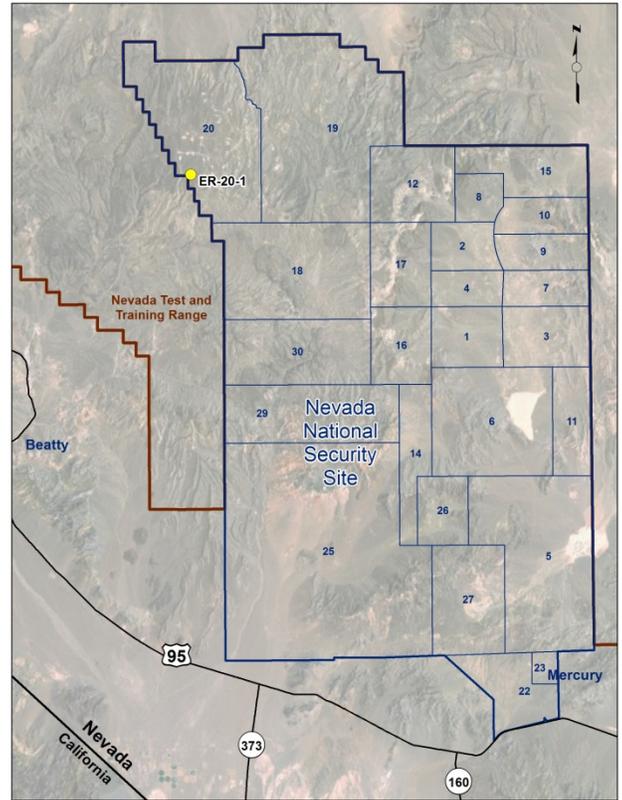
CAU 575, Area 15 Miscellaneous Sites

CAU 575 comprises two CASs related to historical nuclear testing. In February 2015, field activities were conducted.

Soils

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 Streamlined Approach for Environmental Restoration (SAFER) Plans for CAUs 411 and 412 continued in February 2015. The SAFER Plans for CAUs 411 and 412 are enforceable milestones under the *Federal Facility Agreement and Consent Order* and are currently due to NDEP in March 2015.



CAU 415, Project 57 No. 1 Plutonium Dispersion

CAU 415 comprises one CAS related to historical nuclear testing. In May 2014, the SAFER Plan for CAU 415 was approved by NDEP; plans to implement the corrective actions continued in February 2015 and will continue in March 2015.

CAU 541, Small Boy

CAU 541 comprises two CASs related to historical nuclear testing. Site investigation activities continued in February 2015.

CAU 550, Smoky Contamination Area

CAU 550 comprises 19 CASs related to historical nuclear testing. In February 2015, the Corrective Action Decision Document/Closure Report (CADD/CR) was submitted to and approved by the NDEP. With the approval of the CADD/CR, this CAU is now considered closed. In November 2013, the NSSAB made a recommendation that the three CASs in CAU 550 requiring corrective action be closed in place. The corrective action alternatives chosen for two of the three CASs was closure in place. The third, CAS 08-24-08 (Batteries), was clean closed at the request of NDEP.

CAU 568, Area 3 Plutonium Dispersion Sites

CAU 568 comprises six CASs related to historical nuclear testing. In February 2015, radiological activities and sampling continued.

CAU 573, Alpha Contaminated Sites

CAU 573 comprises two CASs related to historical nuclear testing. In February 2015, radiological surveys were conducted.

Public Involvement:

- Ongoing exhibits:
 - *Operation Clean Desert* – Nevada Public Reading Room in Las Vegas, Beatty Library, Amargosa Valley Library, Goldfield Library, and Central Nevada Museum in Tonopah
 - Environmental Management kiosks – Enterprise Library (Las Vegas Blvd. South near Blue Diamond Road), Indian Springs Library
- Publications:
 - Ongoing social media campaign (Facebook and Twitter)
- Outreach:
 - Planned and supported Groundwater Open House – February 18, 2015
 - Radiation presentation at Las Vegas Natural History Museum – February 21, 2015
 - Distributed *Operation Clean Desert* activity books at Las Vegas Natural History Museum event
- NSSAB:
 - NSSAB outreach booth at the 6th annual Groundwater Open House – February 18, 2015
 - NSSAB Full Board Meeting – February 18, 2015