

**Environmental Management  
Monthly Report to the NSSAB  
December 2014**

**Waste Disposal and Transportation**

- Update from previous month's reports - Oak Ridge Reservation (ORR) in Oak Ridge, Tennessee: The Facility Evaluation resulted in three Observations (please see July – November 2014 NSSAB Monthly Reports for more information). ORR adequately responded, and all Observations were closed by the Radioactive Waste Acceptance Program (RWAP).
- Update from previous month's reports - Babcock and Wilcox Conversion Services (BWCS), Paducah, Kentucky: RWAP conducted an initial visit to BWCS to be approved as a new generator, and the Facility Evaluation resulted in eight Observations (please see September – November 2014 NSSAB Monthly Reports for more information). BWCS adequately responded, and all Observations were closed by RWAP.
- Update from last month's report – Consolidate Nuclear Security, LLC, Y-12, Oak Ridge, Tennessee: The Facility Evaluation resulted in one Observation. The generator adequately responded, and the Observation was closed by RWAP.
- Update from last month's report – a corrective action request (CAR) was issued to Aberdeen Proving Grounds (APG) for not complying with NNSW Waste Acceptance Criteria (WAC) for LLW transportation. As a corrective action, the generator provided additional training to the driver. Also, the Nevada Field Office recognized the need to clarify the map of the approved NNSW WAC shipping routes on the NNSW Drivers Route/Shipment Information form which is available on the Nevada Field Office website at [http://www.nv.energy.gov/emprograms/environment/pdfs/DRIVER\\_QUESTIONNAIRE.pdf](http://www.nv.energy.gov/emprograms/environment/pdfs/DRIVER_QUESTIONNAIRE.pdf). The CAR was closed by RWAP, and APG can resume shipping LLW to the NNSW.
- In November 2014, RWAP conducted one Facility Evaluation at the Oak Ridge National Laboratory, Oak Ridge, Tennessee. No issues were identified.
- A Facility Evaluation planned for December 2014 was postponed due to unavailability of the generator and will be rescheduled this fiscal year.
- In December 2014, approximately 124,000 cubic feet of LLW and mixed LLW is forecasted for disposal at the NNSW.

## **Underground Test Area (UGTA)**

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

In November 2014, comment responses continued to be prepared to the draft External Peer Review panel report submitted to the Nevada Field Office in July 2014.

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

During November 2014, an outline for the Closure Report continued to be developed.

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

In November 2014, U.S. Geological Survey continued addressing Preemptive Review Committee comments to the conceptual model report.

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

In November 2014, work continued on several Phase II geology, hydrology, transport analysis, and evaluation tasks; and field sampling continued in support of the Sampling Technologies Methods plan.

## **Industrial Sites**

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

The Non-RCRA Post-Closure Monitoring Sites include 129 Corrective Action Sites (CASs) where post-closure inspections and maintenance are performed in accordance with closure requirements. Annual inspections were conducted in November 2014 and will continue in December 2014.

### ***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 November 2014, repairs and maintenance identified during the September 2014 inspections continued to be performed. Revegetation efforts at CAU 111 continued, including hydromulching of the cover. In December 2014, the quarterly and semi-annual inspections will occur.

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

CAU 575 comprises two CASs related to historical nuclear testing. In November 2014, preparation of the Streamlined Approach for Environmental Restoration (SAFER) Plan continued and will continue in December 2014.

## **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. In November 2014, preparation of the SAFER Plans for CAUs 411 and 412 continued and will continue in December 2014. The SAFER Plans for CAUs 411 and 412 are enforceable milestones under the *Federal Facility Agreement and Consent Order* and are currently due to State of Nevada Division of Environmental Protection (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 occurred in November 2014 and will continue in December 2014.

***CAU 541, Small Boy***

CAU 541 comprises two CASs related to historical nuclear testing. Site mobilization and investigation activities continued in November 2014.

***CAU 550, Smoky Contamination Area***

CAU 550 comprises 19 CASs related to historical nuclear testing. In November 2014, preparation of the Corrective Action Decision Document/Closure Report (CADD/CR) continued and will continue in December 2014. The CADD/CR is due to NDEP in February 2015.

***CAU 567, Miscellaneous Soil Sites***

CAU 567 comprises four CASs related to historical nuclear testing. In November 2014, work on the CADD/CR for CAU 567 continued and will continue in December 2014.

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

CAU 568 comprises six CASs related to historical nuclear testing. In November 2014, radiological activities and sampling continued to be performed and will continue in December 2014.

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

CAU 573 comprises two CASs related to historical nuclear testing. In November 2014, pre-field activities continued and will continue in December 2014.

**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 – Rainbow Library, Indian Springs Library
- Publications:
  - Published one (1) article (*EM Tackles Surface Cleanup at Nevada’s Tonopah Test Range*) in November 2014 issue of *OneVoice*
  - Ongoing social media campaign (Facebook and Twitter)
- NSSAB:
  - NSSAB Full Board Meeting – November 19<sup>th</sup>
  - Nevada Field Office conducted an intergovernmental meeting with NSSAB Liaisons – November 19<sup>th</sup>
  - Hosted an educational session, “*Annual Nevada National Security Site Environmental Report Overview*” by Cathy Wills, Lead Author and Editor, National Security Technologies – November 19<sup>th</sup>