

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

Waste Disposal and Transportation

- Update from previous months' reports – Idaho Falls, ID, generator: The facility evaluation resulted in two Findings. In response, the generator submitted a Corrective Action Plan (CAP) for review by the Radioactive Waste Acceptance Program (RWAP). RWAP has approved the CAP and corrective actions are in progress. (please see May – July 2016 NSSAB Monthly Report for more information)
- Update from previous months' reports - Paducah, KY, generator: The facility evaluation resulted in no Findings and four Observations. Two of the Observations were closed during the facility evaluation and require no further action. RWAP is awaiting a formal response from the generator on the remaining two Observations that is due in August 2016. As this contractor is a new generator, all Observations must be closed before approval is given by the Nevada Field Office to ship low-level waste (LLW) to the Nevada National Security Site (NNSS). (please see June - July 2016 NSSAB Monthly Report for more information)
- Update from previous month's report – Erwin, TN, generator: RWAP issued one Finding. Additionally, the Nevada Field Office suspended the waste generator's program pending completion of corrective actions and recertification. RWAP met with the generator to discuss corrective actions in July 2016. RWAP will do an extent of condition review at the generator site in August 2016. State regulators from Nevada and Tennessee will participate in the review. (please see July 2016 NSSAB Monthly Report for more information)
- Update from previous month's report – Portsmouth, OH, generator: The facility evaluation resulted in one Finding. The generator received the final RWAP report in July 2016 and has until August 2016 to submit a formal response. (please see July 2016 NSSAB Monthly Report for more information)
- Update from previous month's report – Portsmouth, OH, generator (second generator): The facility evaluation resulted in one Finding. The generator received the final RWAP report in July 2016 and has until August 2016 to submit a formal response. (please see July 2016 NSSAB Monthly Report for more information)
- In July 2016, RWAP conducted the following facility evaluations:
 - Argonne, IL, generator: The facility evaluation resulted in one Finding, and the generator will have 30 days to respond after receiving the final RWAP report.
 - Aberdeen, MD, generator: The facility evaluation resulted in two Findings, and the generator will have 30 days to respond after receiving the final RWAP report.
- In August 2016, RWAP will conduct three facility evaluations.

- In August 2016, approximately 127,000 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 July 2016, preparation of comment responses to the Yucca Flat Peer Review comments continued and will continue in August 2016.

CAU 98, Frenchman Flat

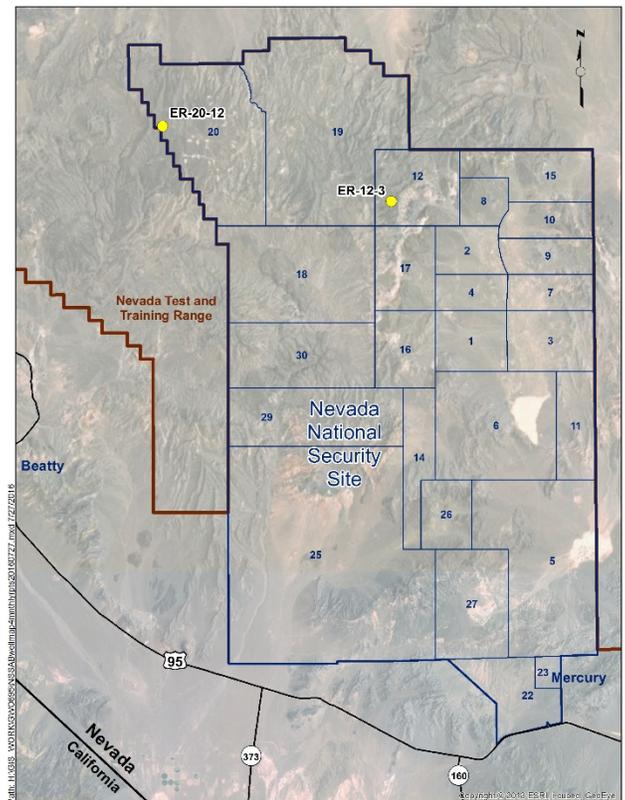
In July 2016, the final Closure Report was approved by the State of Nevada Division of Environmental Protection (NDEP).

CAU 99, Rainier Mesa/Shoshone Mountain

The modeling team continued to implement the revised modeling approach in July 2016. In August 2016, pumping and sampling will occur at Well ER-12-3.

CAUs 101/102, Pahute Mesa

Analysis of data from Well ER-20-12 was conducted in June 2016 and will continue through October 2016. In July 2016, pumping and sampling at Well ER-20-12 was conducted. Well development, testing and sampling will be conducted in August 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. 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 July 2016, a visual vegetation survey was performed at CAU 110. In August 2016, maintenance identified during the June 2016 quarterly/semi-annual inspections will be 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 Report (CR) for CAU 412 continued in July 2016. The CR for CAU 411 was approved by NDEP in July 2016 and is now considered closed.

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 July 2016. A Corrective Action Alternatives meeting is planned and waste disposal activities will occur in August 2016.

CAU 414, Clean Slate III Plutonium Dispersion

CAU 414 comprises one CAS on the Nevada Test and Training Range. In July 2016, preparation of the Corrective Action Investigation Plan (CAIP) continued. The CAIP is due to NDEP in April 2017. In August 2016, waste disposal activities are planned and radiological surveys will be conducted.

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 Plan for CAU 415 was approved by NDEP; planning for corrective actions continued in July 2016.

CAU 541, Small Boy

CAU 541 comprises two CASs related to historical nuclear testing. The development of the CADD/CR continued in July 2016. The CADD/CR is due to NDEP in September 2016.

CAU 568, Area 3 Plutonium Dispersion Sites

CAU 568 comprises six CASs related to historical nuclear testing. Planning for field work continued in July 2016 and corrective actions will commence in August 2016.

CAU 573, Alpha Contaminated Sites

CAU 573 comprises two CASs related to historical nuclear testing. Closure field work was conducted in July 2016 and will continue in August 2016.

CAU 575, Area 15 Miscellaneous Sites

CAU 575 comprises four CASs related to historical nuclear testing. In July 2016, development of the CR continued and will continue in August 2016.

CAU 576, Miscellaneous Radiological Sites and Debris

CAU 576 comprises six CASs related to historical nuclear testing. In July 2016, development of the CAIP continued and will continue in August 2016.

Public Involvement:

- Outreach:
 - Distributed 350 Groundwater Open House flyers during visits to Beatty, Amargosa Valley, Indian Springs and Pahrump to promote the Groundwater Open House
 - Distributed 23 Operation Clean Desert activity books, 5 Operation Clean Desert teacher's guides, 27 copies of the NNSS Groundwater Q's & A's, 6 copies of the 2014 NNSS Environmental Report and 29 copies of the 2014 NNSS Environmental Report Summaries to attendees of the Groundwater Open House in Amargosa Valley, NV
 - Hosted the 7th annual Groundwater Open House in Amargosa Valley, NV. NSSAB participated and had a display at the event. – July 26, 2016
- NSSAB:
 - NSSAB hosted an educational session, *Hydrogeologic Concepts Relating to Contaminant Transport*, in Tonopah, Nevada – July 20, 2016
 - NSSAB hosted a Full Board Meeting in Tonopah, Nevada – July 20, 2016
 - NSSAB member attended general radiation training hosted by the Community Environmental Monitoring Program – July 30, 2016
- Publications:
 - Ongoing social media campaign – 28 original posts on Facebook, 22 original tweets on Twitter, 1 video posted on YouTube
 - Published *Recommendations from the Board* article via EM News Flash
- Ongoing exhibits:
 - *Operation Clean Desert* – Nevada Public Reading Room in Las Vegas, Amargosa Valley Library, Goldfield Library, and Central Nevada Museum in Tonopah, Nevada
 - Environmental Management kiosk – located at Central Nevada Museum in Tonopah, Nevada
- Planned activities for August 2016:
 - Host LLW Stakeholder Forum in Pahrump, NV. NSSAB member to participate. – August 11, 2016
 - DOE/Nevada Field Office and NSSAB to host the biannual EM SSAB National Chairs' Meeting in Las Vegas – August 30 – September 1, 2016