

Environmental Management's Monthly Report to the CAB July 2007

Low-Level Waste (LLW):

Completed Activities (June)

- Conducted two (2) impromptu surveillances of generator sites. The generator sites visited were Idaho National Laboratory and PermaFix (Tennessee).
- Conducted Waste Acceptance and Technical Support visits to the Lovelace Respiratory Research Institute and the Waste Isolation Pilot Plant (New Mexico) facilities. These visits were to help the generators with their LLW profile developments.
- Received 470,960 cubic feet of LLW in 633 shipments for disposal at the Nevada Test Site (NTS), as of June 29, 2007.
- LLW Operations has worked 321,789 hours since last lost-time accident (September 2003).

Expectations (July)

- Conduct three (3) unannounced generator facility evaluations.
- Expect to receive 90,000 cubic feet of LLW for disposal in July.

Mixed Low-Level Waste (MLLW):

Completed Activities (June)

- Received 135,305 cubic feet in 116 shipments for disposal at the NTS, as of June 29, 2007.
- Radioactive Waste Acceptance Program conduct a mixed low-level waste verification visit at the Pacific EcoSolutions facility (Idaho).

Expectations (July)

- Planned facility evaluations are included in the LLW portion of this report
- Expect to receive 15,000 cubic feet of MLLW for disposal in July.

Transuranic (TRU) Waste

Completed Activities (June)

- To prepare the oversized boxes for size reduction, a filter vent was installed and the gas inside was sampled. The equipment on-site accommodated 46 of the oversized boxes. The process to vent the remaining 12 boxes is being evaluated.
- Items for the construction modification of the Visual Examination and Repackaging Building (VERB) were ordered. Some items are considered "long-lead" items that take several months to be received at the Nevada Test Site.
- The Nevada Site Office performed an assessment on the Training and Qualification Program at the Area 5 Radioactive Waste Management Complex. The program was found to be in good order.

Expectations (July)

- The TRU Team will attend the TRU Corporate Board meetings in Idaho Falls, Idaho July 17-19, 2007.
- The TRU Sub-Project will continue to plan for modifications to the VERB.

Industrial Sites

Completed Activities (June)

- Continue Decontamination & Decommissioning (D&D) field work for Correction Action Unit (CAU) 116: Area 25 Test Cell C Facility

- Continued corrective action fieldwork for CAU 127: Areas 25 and 26 Storage Tanks
- Continued corrective action fieldwork for CAU 224: Decon Pad and Septic Systems
- Continued corrective action fieldwork for CAU 484: Surface Debris, Waste Sites, and Burn Area (Tonopah Test Range)
- Continued corrective action fieldwork for CAU 543: Liquid Disposal Units
- Continued investigation fieldwork for CAU 565: Stored Samples
- Continued D&D fieldwork for CAU 118: Area 27 Super Kukla Facility
- Completed site confirmation fieldwork for CAU 117: Area 26 Pluto Disassembly Facility
- Began corrective action fieldwork for CAU 224: Decon Pad and Septic Systems
- Submitted to Nevada Division of Environmental Protection (NDEP) for approval the Corrective Action Plan for CAU 139: Waste Disposal Sites
- Submitted to NDEP for approval the Post-Closure Inspection Report for Tonopah Test Range (CAUs: 400, 404, 407, 423, 424, 426, 427, 453, and 487)
- Submitted to NDEP for approval the Final Corrective Action Investigation Plan (CAIP) for CAU 545: Dumps, Waste Disposal Sites, and Buried Radioactive Materials

Expectations (July)

- Continue D&D field work for CAU 116: Area 25 Test Cell C Facility
- Continue corrective action fieldwork for CAU 127: Areas 25 and 26 Storage Tanks
- Continue corrective action fieldwork for CAU 224: Decon Pad and Septic Systems
- Continue corrective action fieldwork for CAU 484: Surface Debris, Waste Sites, and Burn Area (Tonopah Test Range)
- Continue corrective action fieldwork for CAU 543: Liquid Disposal Units
- Continue investigation fieldwork for CAU 565: Stored Samples
- Complete D&D fieldwork for CAU 118: Area 27 Super Kukla Facility
- Begin Streamlined Approach for Environmental Restoration (SAFER) fieldwork for CAU 124: Storage Tanks
- Begin investigation field work for CAU 563: Septic Systems
- Receive NDEP approval the Final CAIP for CAU 545: Dumps, Waste Disposal Sites, and Buried Radioactive Materials
- Receive NDEP approval the Post-Closure Inspection Report for Tonopah Test Range (CAUs: 400, 404, 407, 423, 424, 426, 427, 453, and 487)
- Submit to NDEP for approval for the SAFER Plan for CAU 121: Storage Tanks and Miscellaneous Sites
- Submit to NDEP for approval for the Closure Report for CAU 536: Area 3 Release Site

Underground Test Area (UGTA)

Completed Activities (June)

Frenchman Flat

- Continued Phase II Transport Modeling Analysis and Evaluation
- Completed Phase II Transport Model draft report development

- Completed removal of temporary electrical panel from the RNM #2S well site

Pahute Mesa

- Continued Phase I Transport Modeling Analysis and Evaluation
- Completed Phase I Transport Model draft report development

Yucca Flat

- Completed Phase I Transport Parameter Draft “Revision 1” Report for NNSA and NDEP review
- Submit final draft report for NNSA/NSO Technical Security Support Team Review and NDEP review.
- Continued Phase I Flow Model Analysis and Evaluation.

Rainier Mesa/Shoshone Mountain

- Continued Phase I Transport Parameter Analysis and Evaluation
- Continued Phase I Hydrology Analysis and Evaluation

Expectations (July)

Frenchman Flat

- Continue Phase II Transport Modeling Analysis and Evaluation
- Complete Phase II Transport Modeling Analysis and Evaluation.
- Continue Phase II Transport Model draft report development.

Pahute Mesa

- Continue Phase I Transport Modeling Analysis and Evaluation
- Continue Phase I Transport Model draft report development.

Yucca Flat

- Continue Phase I Flow Model Analysis and Evaluation.
- Continue Phase I Transport Parameter Draft Report DOE Review (NSA/NSO Technical Security Support Team Review and NDEP review).
- Mobilize and implement the re-completion of well ER-8-1.

Rainier Mesa/Shoshone Mountain

- Continue Phase I Transport Parameter Analysis and Evaluation.
- Continue Phase I Hydrology Analysis and Evaluation.

Soils

Completed Activities (June)

- Completed the grouping of several Corrective Action Sites (CASs) into two Corrective Action Units (CAUs) for characterization per the Federal Facility Agreement and Consent Order (FFACO) strategy.
- Continued to input data such as maps, drawings, FFACO documents, and soils characterization information into the Soils Project Database for use by project personnel.
- Completed Exemption Request in lieu of the Nuclear Facility Categorization document.
- Completed Soils project Preliminary Assessment template.

Expectations (July)

- Continue development of Soils Project Preliminary Assessments for the proposed new Soils CAUs.
- Continue to input data such as maps, drawings, FFACO documents, and soils characterization information into the Soils Project Database for use by project personnel.
- Continue the grouping of soil sites (CASs) for creating new CAUs.
- Continue the investigation of the eleven potential soil sites for inclusion into the FFACO.

Public Involvement:

Completed Activities (June)

- Setup *Operation Clean Desert* Kid's Display (June 1 – June 7) at Sewell Elementary in Henderson, Nevada
- Setup OCD Kids Display (June 25 – June 29) and delivered 400 OCD activity books and 8 CDs of the OCD computer game to Woolley Elementary in Las Vegas, Nevada
- Mailed 1,010 OCD activity books and 23 CDs of the OCD computer game to 22 libraries throughout Nevada and one (1) library in Needles, California
- Delivered nine (9) OCD activity books to the Public Reading Room in Las Vegas, Nevada
- Enhancements to OCD computer game made by summer interns
- Responded to Pahrump Valley Times Letter to the Editor article regarding radioactive waste transportation
- Responded to Amargosa Valley resident inquiry regarding water database

Expectations (July)

- Deliver 10 teacher's packets to the Public Reading Room in Las Vegas, Nevada (each packet includes 1 OCD activity book, 1 CD of the OCD computer game, 1 OCD brochure, 1 Public Outreach, a cover letter, and a contact form)
- Further enhancements to OCD computer game to be made by summer interns
- Support the Community Advisory Board Full Board meeting on July 11, 2007