

## **Environmental Management's Monthly Report to the CAB February 2007**

### **Low-Level Waste (LLW)**

#### **Accomplishments (January)**

- Conducted four (4) Facility Evaluations (Sequoia Fuels Corporation, Savannah River Site, Foster Wheeler, and Duratek).
- As of January 26, 2006 the Nevada Test Site received 132,225 cubic feet in 186 shipments.
- LLW Operations has worked 296,385 hours since last lost time accident (Sept 2003).
- NSTec worked with Aberdeen Proving Ground to prepare shipments from the Sequoia Fuels Corporation in Gore, OK, for disposal at the Nevada Test Site. NSTec has submitted the waste profile and was approved for disposal.

#### **Expectations (February)**

- Conduct two (2) Facility Evaluation (Perma-Fix and LANL)

### **Mixed Low-Level Waste (MLLW)**

#### **Accomplishments (January)**

- As of January 26, 2006 the Nevada Test Site has received 1,589 cubic feet in five (5) shipments.
- Conducted one Off-site Mixed Waste Verification at the PEcoS treatment facility.

#### **Expectations (February)**

- Conduct 2 Off-site Mixed Waste Verification (BWXT Y-12 and Lawrence Livermore National Laboratory).

### **Transuranic (TRU) Waste**

#### **January Activities:**

- An Integrated Project Schedule was developed that outlined activities required for the NTS TRU Project to be completed.
- The TRU Project attended the TRU Corporate Board meetings in Carlsbad, New Mexico the week of January 22. The Integrated Project Schedule was shared with the Carlsbad Field Office, DOE Headquarters and other participating sites to allow for input and cooperation for TRU Project closure.

#### **February Expectations**

- The final plan including costs for the size reduction and waste segregation of the 58 oversized boxes will be submitted and approved.

### **Industrial Sites**

#### **January Activities:**

- Began corrective action fieldwork for CAU 127: Areas 25 and 26 Storage Tanks
- Continued corrective action fieldwork for Corrective Action Unit (CAU) 536: Area 3 Release Site
- Continued Decontamination & Decommissioning (D & D) fieldwork at CAU 118: Area 27 Super Kukla Facility

- Continued corrective action fieldwork at CAU 121: Storage Tanks and Miscellaneous Site
- Completed investigation fieldwork at CAU 166: Storage Yards and Contaminated Materials
- Completed corrective action fieldwork for CAU 542: Disposal Holes
- Submitted to Nevada Department of Environmental Protection (NDEP) for approval of the Corrective Action Investigation Plan (CAIP) for CAU 563: Septic Systems
- Submitted and received NDEP approval for the Corrective Action Decision Document for CAU 139: Waste Disposal Sites
- Submitted and Received NDEP approval for the Post-Closure Inspection Letter Report for CAU 112: Area 23 Hazardous Waste Trenches
- Received NDEP approval for the CAIP for CAU 556: Dry Wells and Surface Release Points

February Expectations:

- Begin D & D fieldwork for CAU 116: Area 25 Test Cell C Facility
- Begin investigation fieldwork for CAU 190: Contaminated Waste Sites
- Begin investigation fieldwork for CAU 565: Stored Samples
- Continue D & D fieldwork for CAU 118: Area 27 Super Kukla Facility
- Continue corrective action fieldwork for CAU 127: Areas 25 and 26 Storage Tanks
- Continue investigation fieldwork for CAU 166: Storage Yards and Contaminated Materials
- Continue corrective action fieldwork for CAU 484: Surface Debris, Waste Sites, and Burn Area (TTR)
- Complete fieldwork for CAU 536: Area 3 Release Site
- Submit to NDEP for approval the Post-Closure Inspection Letter Report for CAU 91: Area U-3fi Injection Well
- Submit to NDEP for approval the Closure Report for CAU 538: Spill Sites
- Receive NDEP approval for Closure Report for CAU 168: Area 25 and 26 Contaminated Materials and Waste Dumps
- Receive NDEP approval on the CR for CAU 177: Mud Pits and Cellars
- Receive NDEP approval for the CAIP for CAU 563: Septic Systems

**Underground Test Area (UGTA)**

January Activities:

Frenchman Flat

- Continue Phase II Transport Modeling Analysis and Evaluation

Pahute Mesa

- Continue Phase I Transport Modeling Analysis and Evaluation

Yucca Flat

- Continue report development for Phase I Transport Parameter Data Analysis
- Continue Phase I Flow Model Analysis and Evaluation

Rainier Mesa/Shoshone Mountain

- Continue Phase I Transport Parameter Analysis and Evaluation

- Continue Phase I Hydrology Analysis and Evaluation

February Expectations:

- Begin mobilization activities the first week of February in preparation to sample wells RNM #1 and RNM #2s on the 14th and 15<sup>th</sup>.

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Rainier Mesa/Shoshone Mountain

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

**Soils**

January Activities:

- Continued to work on the grouping/strategy document to define the end state of the soils project.
- Continued to input data (i.e. Maps, drawings, FFACO documents, Soils characterization information) into the Soils Project Database for use by project personnel.
- Completed data processing of the flyovers of Clean Slate I, II, III and Double Tracks.
- Reviewed Radionuclide Inventory Program database created by Desert Research Institute.

February Expectations:

- Draft Strategy/Grouping document to be completed.
- Based on the Strategy/Grouping document, a set of potential, follow on activities will be defined.

**Public Involvement:**

January Activities:

- There were no inquiries by the general public.