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**DOE-ID Operations Summary
For the Period July 29, 2013 through August 12, 2013**

***EDITOR'S NOTE:** The following is a summary of contractor operations at the Idaho National Laboratory, managed by DOE- Idaho Operations Office. It has been compiled in response to a request from stakeholders for more information on health, safety and environmental incidents at DOE facilities in Idaho. It also includes a brief summary of accomplishments at the Site. POC –Danielle Miller, (208) 526-5709.*

Advanced Mixed Waste Treatment Project (AMWTP)

July 31, 2013: The Idaho Treatment Group, LLC (ITG), the managing contractor for the Advanced Mixed Waste Treatment Project received a warning letter from the State of Idaho's Department of Environmental quality regarding self- reported RCRA permit violations which have occurred at AMWTP in 2013. ITG responded to the warning letter with identified corrective actions to prevent future RCRA permit violations. [EM-ID-ITG-AMWTF-2013-0015]

Notable Accomplishments Fifteen of fifteen planned shipments of contact-handled (CH) transuranic (TRU) waste were made to the Waste Isolation Pilot Plant (WIPP) for the reporting period.

Idaho Cleanup Project (ICP)

August 6, 2013: A CH2M-WG, Idaho (CWI) employee's particulate air filter separated from the powered air purifying respirator while work was being performed at the Idaho Nuclear Technology and Engineering Center. The worker and attending Radiological Controls Technician (RCT) noted the malfunction, and the worker immediately exited the Airborne Contamination Area (ARA). Surveys indicated the worker was not contaminated or received a radiological uptake as a result of this event. The specific equipment failure could not be duplicated during subsequent testing, but the work being performed included physical movement which may have loosened the filter. Work has resumed the need for a check and a double check of equipment has been emphasized with employees, and a requirement to periodically check equipment during work if it is bumped has been added to the process. [EM-ID-CWI-ICPWM-2013-0002]

Notable Accomplishments: The Accelerated Retrieval Project (ARP) is on track to resume exhumation of buried waste by the end of FY 2013.

Idaho National Laboratory (INL)

July 29, 2013: During Primary Coolant Pump (PCP) Shutoff System Time Response testing at the Advanced Test Reactor, an instrument technician noted that proper indication for one of the primary coolant pumps was not being received on the test equipment. Further investigation noted a sticking relay in the pump's breaker enclosure. The PCP was declared out of service. The Advanced Test Reactor is shut down for scheduled maintenance and the primary coolant system was shut down and at atmospheric pressure. [NE-ID-BEA-ATR-2013-0026]

July 30, 2013: A Very Early Smoke Detection Apparatus (VESDA) Channel B alarm occurred in a building at the Materials and Fuels Complex and generated an automated fire alarm. The building was unoccupied at the time. Firefighters responded to the VESDA alarm, entered the building and smelled an acrid metallic odor. This odor was suspected to be from the Fan Coil

Unit (FCU) as it was the only operating equipment in the area. The circuit breaker that provides power to the FCU was found in the tripped position. The breaker was then placed in the OPEN position and the FCU was tagged out of service. [NE-ID-BEA-SSPSF-2013-0001]

Notable Accomplishments: An article has been published on Phys.org (August 8, 2013) featuring the Department of Energy's new Human System Simulation Laboratory at Idaho National Laboratory. The virtual control room is a full-scale virtual nuclear control room used to test safety and reliability of proposed technology replacements before they are implemented in commercial nuclear control rooms. This laboratory is sponsored by the Department of Energy's Light Water Reactor Sustainability (LWRS) Program.

Link: <http://phys.org/news/2013-08-virtual-room-nuclear-industry.html>