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**DOE-ID Operations Summary
For the Period March 1, 2015 –March 31, 2015**

***EDITOR'S NOTE:** The following is a summary of contractor operations at the Idaho National Laboratory Site, managed by the 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)

March 24: During normal operations at the Advanced Mixed Waste Treatment Facility a super compacted drum puck dropped inside the Super Compactor glove box, resulting in damage to two super compactor glovebox windows. No contamination related to the cracked glove box glass was identified. Operations at the Treatment Facility were temporarily suspended, as the damaged windows were replaced and operations resumed. [EM-ID--ITG-AMWTF-2015-0003]

March 23: The Advanced Mixed Waste Treatment Project (AMWTP), operated by Idaho Treatment Group (ITG), received a Warning Letter from the State of Idaho's Department of Environmental Quality (ID-DEQ) regarding RCRA Permit violations which occurred at the AMWTP in 2014, one of which was self-reported and the other was identified during an ID-DEQ inspection in December 2014. [EM-ID--ITG-AMWTF-2015-0004]

March 26: An operator at the Advanced Mixed Waste Treatment Project received a mild electric shock when his left arm brushed against exposed wiring on an engine block heater during a pre-operational check. After examination, the Site Medical Coordinator determined that affected individual was not injured. Examination of the engine block heater revealed that the insulation for the heater had rubbed away over time with opening and closing of the engine hood leaving exposed wiring. [EM-ID--ITG-AMWTF-2015-0005]

Notable Accomplishments:

- The second phase of Sludge Repackaging Project resumed with shipments to CWI. The second campaign will process an estimated 719 of inorganic and organic sludge wastes created during the production of nuclear weapon components. ITG shipped 120 drums to CWI during the reporting period.
- ITG continues treatment and preparation of transuranic waste shipments destined for the Waste Isolation Pilot Plant, once waste shipments resume. At the end of the March 2015 reporting period (March 22), ITG had 499 virtual shipments ready to send to WIPP.

Idaho Cleanup Project (ICP)

March 18: The Idaho Cleanup Project, operated by CH2M-WG-Idaho (CWI) received a Warning Letter from the Idaho Department of Environmental Quality (DEQ) regarding a violation during a December 2014 hazardous waste inspection at the Idaho Nuclear Technology and Engineering Center pertaining to aisle-spacing requirements for interim storage containers. Procedures and

weekly inspection forms have been revised to clarify the inspection requirements to ensure future compliance. [EM-ID--CWI-WASTEMNGT-2015-0001]

Notable Accomplishments:

- Decontamination and Decommissioning (D&D) crews at the Idaho Cleanup Project recently completed sodium treatment and grouting milestones at the Experimental Breeder Reactor II six months ahead of a three-year schedule and under budget. Crews poured 3,450 cubic yards of grout into below grade areas effectively entombing the EBR-II reactor in place.

Idaho National Laboratory (INL)

March 2: An air leak in an inflatable bulkhead seal was identified during a routine visual inspection at the Advanced Test Reactor (ATR) canal. The leaking seal is located in area that is not continuously in use and cask handling and other heavy equipment lifting evolutions were not taking place when the seal leak was noted. [NE-ID--BEA-ATR-2015-0010]

March 4: A Radiological Control Technician entered an access controlled area at the Advanced Test Reactor without following the proper sign-in protocol. Access to the area is controlled to protect personnel from electrical hazards that exist inside the area. All isolation components remained locked in the required position and no personnel were exposed to any hazardous energy source. [NE-ID--BEA-ATR-2015-0011]

March 4: While removing flooring at the Engineering Research Office Building, the bolt head a floor jack being used to hoist an office partition inadvertently pushed through the electrical raceway, resulting in an electrical short. No injury to personnel occurred. [NE-ID--BEA-STC-2015-0002]

March 11: A Radiological Control Technician at the Hot Fuel Examination Facility discovered radioactive contamination outside of a controlled area during a survey of a sealed source for release from the facility. The source was being controlled in a radioactive source storage locker in radioactive materials area but not in a radiological buffer area for contamination control. [NE-ID--BEA-HFEF-2015-0001]

Notable Accomplishments:

- More than 150 female junior high school students from across southeast Idaho took part in the annual My Amazing Future program, which featured hands-on activities designed to inspire the girls to take a closer look at opportunities in science, technology, engineering and math (STEM). Eighth-graders from Idaho Falls, Blackfoot, Firth, Fort Hall and Pocatello participated in the daylong event organized by INL employees with support from Idaho Women in Nuclear (IWIN) and the Idaho chapter of the America Nuclear Society. The March 2015 event was held at the Center for Advanced Energy

Studies and the Energy Innovation Laboratory on the lab's Research and Education Campus in Idaho Falls.

- The United States Council for Automotive Research (USCAR) announced that INL Battery Test Center group leader, Dr. Jon Christophersen, has been selected to receive the 2014 Research Partner Award for “excellence in leadership and innovation.” As a collaborative organization involving automakers Ford, General Motors, and Chrysler, USCAR was created to leverage precompetitive government partnerships with the U.S. auto industry. Christophersen has been a critical researcher supporting the USCAR-DOE U.S. Advanced Battery Consortium Technical Advisory Committee. He collaborates with the committee to develop and deploy advanced energy storage technology across the industry in support of DOE's technology development goals for advanced vehicles. In addition to directly testing new technologies under development, he leads the government/industry team responsible for testing and analysis procedures.