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**DOE-ID Operations Summary
For the Period August 1, 2015 – August 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)

August 3: Personnel at the Advanced Mixed Waste Treatment Project determined that a potential error may have occurred during the analysis of the probability of a propane delivery explosion. AMWTP contractor, Idaho Treatment Group is currently gathering additional technical basis information to determine if the current analysis is adequate or needs to be updated. [EM-ID-ITG-AMWTF-2015-0009]

August 13: During a weekly routine radiological survey, personnel at the Advanced Mixed Waste Treatment Project detected contamination outside of a posted contamination area or contamination buffer area. Management was notified and the area was immediately posted. Radiological Control personnel determined that the contamination was localized to the surface of a previously repaired waste box and the containment pool floor in the vicinity of this box. [EM-ID--ITG-AMWTF-2015-0010]

August 16: A radiological control technician (RCT) entered into an airborne activity posted area and was observed not to have the required filters installed on his Powered Air Purifying Respirator. Upon discovery, the RTC immediately egressed without incident. No contamination was measured on the RCT upon exiting the area. An investigation into the incident was conducted and corrective actions were immediately put in place to prevent a reoccurrence. The AMWTP Plant Manager conducted meetings to discuss the significance of this event and path forward. [EM-ID--ITG-AMWTF-2015-0011]

August 23: A maintenance technician accessed the roof of a structure located at the Advanced Mixed Waste Treatment Project without required fall protection equipment. Upon discovery, the maintenance technician immediately egressed off of the roof and the work activity was stopped. [EM-ID--ITG-AMWTF-2015-0012]

Notable Accomplishments:

- AMWTP Retrieval crews reached an important milestone in August, when they cleared away a final waste box from Pad 1, Cell 2, the next to last of 14 waste cells to be completed at the facility. Work continues retrieving approximately 6,000 drums and 220 boxes of waste that remain in the last cell.

- AMWTP was awarded the DOE Voluntary Protection Program Superior Star award at the August national VPP Program Participant's Association meeting. The award is given to projects that have at least a 50 percent better injury rate than other U.S. businesses in a similar industry.

Idaho Cleanup Project (ICP)

August 10: A Radiological Control Technician (RCT) at the Idaho Nuclear Technology and Engineering Center sustained an electrical shock to his hand while performing a performance check on a low-volume air sampler. The RCT placed a "shock hazard" tag on the portable air sampler and it was taken out of service. The RCT was evaluated and returned to work. Upon investigation, the on/off switch on the air sampler was found to be faulty and the switch was replaced. [EM-ID--CWI-LANDLORD-2015-0001]

August 20: Personnel at the Integrated Waste Treatment Unit (IWTU) determined that equipment and temporary waste storage in an area of the facility could potentially interact with safety significant equipment during design based seismic events; analysis of this particular scenario was not included in the Documented Safety Analysis. [EM-ID--CWI-IWTU-2015-0009]

Notable Accomplishments:

- Decontamination and Demolition crews completed the demolition of MFC-799, a sodium process facility at the Materials and Fuels Complex on time and under budget.
- CWI crews completed the treatment and repackaging of 799 sludge drums from the Advanced Mixed Waste Treatment Project; upon completion, additional sludge drums were added to CWI's work scope.

Idaho National Laboratory (INL)

August 5: An Idaho National Laboratory (INL) subcontractor was observed performing concrete core drilling into a concrete utility vault without proper personnel protective equipment. The worker was immediately directed to stop work. Following additional review of the activity, a formal stop work was initiated for this project including scope at all other INL facilities/areas until a full review can be conducted, and any identified issues can be resolved. [NE-ID--BEA-STC-2015-0004]

August 7: A reactor power monitor was placed out of service at the Advanced Test Reactor when it became erratic and began processing an erroneous trip signal. The power monitor is one of three that monitor reactor power and generates a SCRAM signal in the event that reactor power is too high. [NE-ID--BEA-ATR-2015-0036]

August 21: The Advanced Test Reactor (ATR) the 480 Volt Diesel Uninterruptible Power Supply (UPS) alarmed. After further investigation personnel determined that a component fault existed. At the time of discovery ATR was shut down and defueled with the UPS system in maintenance shutdown. [NE-ID--BEA-ATR-2015-0032]

Notable Accomplishments: Mark Peters named INL Director

Ron Townsend, Chair of Battelle Energy Alliance's (BEA) Board of Managers, announced on Aug. 20, that Mark Peters, Ph.D., will be the next director of Idaho National Laboratory (INL). Peters will be officially joining INL in his new role on Oct. 1.

"Mark's recognized leadership in all fields of energy research—including energy storage, renewable energy, energy efficiency and nuclear energy—and national security makes him an ideal choice as the next Lab Director of INL," said Townsend, who also serves as Battelle Executive Vice President of Global Laboratory Operations. "As the leading research institution for nuclear energy solutions, other clean energy options and critical infrastructure, INL will benefit from the strong leadership and passionate commitment that Mark has demonstrated throughout his career."

Peters' experience is strongly aligned with INL's programmatic portfolio. Prior to joining INL, Peters served as Argonne National Laboratory's Associate Laboratory Director for the lab's Energy and Global Security directorate, which includes Argonne's programs in energy research and national security. As a recognized expert in nuclear fuel cycle technologies and nuclear waste management, Peters is called upon frequently to provide expert testimony to Congress and to advise in formulation of policies for nuclear fuel cycles, nonproliferation and nuclear waste disposal. He is active in leadership positions with the American Nuclear Society (ANS) and was recently named an ANS Fellow, the highest honor bestowed by the Society.

"I've had the opportunity to work with Mark on globally significant nuclear energy matters and am pleased to welcome him to Idaho," said John Kotek, the U.S. Department of Energy's assistant secretary for Nuclear Energy. "I look forward to our continued collaboration when he is in his new role as director of INL."

Peters earned his doctorate in Geophysical Sciences from the University of Chicago and his bachelor's degree in Geology from Auburn University. He has also received extensive management and leadership education and training, including completion of the Strategic Laboratory Leadership Program at the University of Chicago Booth School of Business. His full bio and a portrait photo are available online at <https://www.inl.gov/mark-peters-bio>.

Peters succeeds John Grossenbacher as INL laboratory director. Grossenbacher announced in November 2014 that FY2015 would be his last year as INL laboratory director. He led the BEA bid that was awarded the contract to manage and operate INL in February 2005. Under his leadership, INL transformed into a leading laboratory recognized nationally and internationally for its research programs and capabilities as well as the value of its applied research and development programs to sponsors across academia and industry.

"John's service as INL lab director has had a tremendous impact on the success and growth of the laboratory, and I join the energy community in thanking him for his strong leadership and vision," said Kotek.