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DOE-ID Operations Summary
For the Period May 16, through May 30, 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 - Shannon Brennan, DOE-ID, (208) 526-3993.*

Advanced Mixed Waste Treatment Project (AMWTP)

[No items to Report]

Idaho Cleanup Project (ICP)

May 15 – 30, 2013: CH2M-WG Idaho, LLC discovered three instances of new information at the Integrated Waste Treatment Unit (IWTU) which have the potential to impact the nuclear safety analysis (Potential Inadequacy of the Safety Analysis—PISA):

- A nitrogen purge line in a vessel within the Integrated Waste Treatment Unit (IWTU) was found to have been omitted in a recent redesign of the process vessel; the purge was intended to preclude the condensing of acid vapors which could cause corrosion, potentially leading to a vessel breach. [EM-ID--CWI-IWTU-2013-0005]

- Isolation valves on process cell differential pressure instrumentation may not have adequate configuration control—if the valves are improperly configured, a loss of vacuum within the operating cells could go undetected. [EM-ID--CWI-IWTU-2013-0006]

- Purge flows associated with carbon monoxide monitors in the process off-gas system may not have adequate configuration control—incorrect purge flows could impact carbon monoxide concentration readings. [EM-ID--CWI-IWTU-2013-0007]

IWTU is currently in a safe shutdown condition. There are no adverse impact to the facility or public safety as a result of the newly discovered PISA conditions.

Notable Accomplishments:

[No items to Report]

Idaho National Laboratory (INL)

May 22: (Notification/Final) The Advanced Test Reactor (ATR) required manual shut down following the loss of function of the backup diesel generators. The reactor was placed in a safe shutdown condition.

The cause of the first generator failure was determined to be a faulty gasket; the cause of the second generator failure is under investigation. [NE-ID—BEA-ATR-2013-0019]

May 22: (Notification) Upon completion of the loading of equipment into an enclosed truck at the Materials and Fuels Complex (MFC), an employee lost his balance and fell two to three feet from the back of the truck. He used his hand to break the fall and, in doing so, he received a hairline fracture and swelling in his wrist. [NE-ID—BEA-MFC-2013-0003]

Notable Accomplishments:

[No items to Report]