

Subject: ASO News - January 11, 2013:

ASO Manager Leading SC Independent Team – B3019 at Oak Ridge National Laboratory: As chartered by the DDFO, Joanna Livengood is leading an SC team to support/evaluate the development of corrective actions necessary to address security concerns at ORNL's Building 3019. The Independent Team initiated its on-site activities on January 7, 2013 and plans to provide the DDFO with a draft Corrective Action Plan by January 30, 2013. Joe McBrearty attended the opening session in Oak Ridge.

Agreement for Use and Occupancy of Space at Argonne for the U.S. Nuclear Regulatory Commission (NRC) Continuity of Operations (COOP): A Standard Order for DOE Work (SOEW) was signed December 20, 2012 between ASO and the U.S. NRC Region III for the use and occupancy of space at Argonne for NRC COOP activities. The final agreement was the culmination of a collaborative effort between ASO, NRC, and Argonne personnel. The purpose of the SOEW is for NRC's use of working space and telecommunications access in the Advance Photon Source (APS). The SOEW allows NRC to relocate and conduct initial operations from APS in emergency situations that cause NRC Region III to implement its COOP Plan, as well as conduct exercises of their COOP plan. The project performance period is for one year with four one-year options. Kate Burnett is ASO's POC (630-252-2736).

GAO Inquiry on DOE's Work for Others (WFO) Program: As expected, GAO included Argonne in its inquiry of DOE's WFO program. GAO's initial request for information was transmitted to the Laboratory on January 10, 2013. Argonne is to provide requested information to GAO by January 25, 2013, which will be followed up with a teleconference between GAO and ASO/Argonne later in January. Sean Seamon is ASO's POC (630-252-2077).

US Congressional Visit postponed: A January 8, 2013 visit to Argonne by US Rep Peter Roskam-R (IL-6) was postponed due to scheduling conflicts for the Congressman. ASO had planned to attend. A revised date is not yet set.

Advanced Protein Crystallization Facility (APCF) – Topping Off Celebration: Argonne has planned a small celebration at the APCF Construction Site to commemorate the completion of the structure for the building on January 14, 2013. Mechanical and electrical rough-in work begins later this month. Safety remains excellent, with 32,967 accident-free hours worked through the end of December. The overall project is estimated at 29% complete. APCF is a State of Illinois funded facility, constructed near the APS. Susan Heston is ASO's FPD (630-252-2381).

Energy Science Building (ESB): As of January 5th, ESB construction was 74% complete. The building is now water proofed and almost weather tight. While installation of the permanent building HVAC systems is still in progress, the facility is being heated with portable gas fired heaters, enabling all interior work to proceed in a seamless manner. Progress of all interior work is well advanced, including installation of ceilings, floor tiles and laboratory equipment and casework. This week the project initiated installation of the anodized copper aluminum panels on the north face of the building. This represents the beginning of the finishing touch, giving the building its unique and distinguished look. So far Argonne and its contractors have logged over 250,000 man hours without a major accident. George Paliulionis is ASO's FPD (630-252-2724).

Argonne Leadership Computing Facility Upgrade (ALCF-2) Project: Argonne's Leadership Computing Facility 10-petaflops computing system, named "Mira", successfully completed the acceptance test and an "Acceptance Certificate" was issued to IBM on December 19, 2012. The project is proceeding

towards CD-4B, Project Completion, and will undergo a CD-4 Independent Project Review on January 11, 2013. The CD-4 ESAAB has been scheduled for January 23, 2013. Frank Gines is ASO's FPD (630-252-4182).

ASO Approves NEPA for Argonne's Joint Center for Energy Storage Research (JCESR): On January 11, 2013, with the concurrence of the SC-CH NEPA Compliance Officer (P. Siebach), ASO approved a Categorical Exclusion (CX) for the upcoming construction of the JCESR facility. The planned JCESR facility is being constructed at Argonne with \$35M that was provided by the State of Illinois. Kaushik Joshi is ASO's POC for all NEPA actions at Argonne (630-252-4226). Susan Heston is ASO's FPD for JCESR (630-252-2381).

RH-TRU Shipments from Argonne to WIPP: Argonne was able to load one Removable Lid Canister (RLC) into an RH-72 B Cask on January 4th and ship the cask to WIPP on January 8, 2013. However, due to the RH-TRU emplacement machine at WIPP being out of service and limited funding for offloading RH-TRU capability at WIPP, four (4) previous key shipments in December and January from Argonne were cancelled. The next planned shipments from Argonne are tentatively scheduled to resume in March, 2013 after the 6 week Annual Maintenance Period at WIPP. Due to these missed shipments, Argonne is initiating efforts to pursue DOE approval for a temporary increase in the radiological storage capacity of the Building 331 RWSF. If approved, this would provide increased capacity needed to achieve <HC2 for the Alpha Gamma Hot Cell Facility (AGHCF) later in FY2013. In addition, Argonne and ASO are working with Carlsbad Field Office (CBFO) to secure 3 empty casks, Mobile Loading Unit, and equipment to Argonne as soon as possible after their annual maintenance inspection. Also, Argonne continues to seek improvements in the frequency of RH shipments from Argonne. Argonne has secured a quote from CBFO's contractor to pay for possible overtime hours at WIPP to specifically offload RH-TRU from Argonne. The period of support we are looking to secure is from March through September 2013 with a frequency of one RH-TRU shipment per week. Dale Dietzel is ASO's FPD for the RH-TRU shipping campaign (630-252-2555).