

From: Eby, Jerald L

Sent: Monday, August 14, 2006 7:12 AM

Subject: ALARA Center Activities for the weeks of July 31, 2006 and August 7, 2006

Attachments: July 2006 Activity Report.pdf; SB_2006-05.pdf; bandsaw3.JPG; bandsaw1.JPG

Visit our website at: www.hanford.gov/rl.?page=974&parent=973. This activity report covers two weeks. July 31 and August 7, 2006

1. The Center set up a meeting at the Center with Bill Smoot of CH2M and Brian Oldfield, RadCon, Fluor Hanford on the experience found on test of using Orex clothing at Hanford. Meeting will be at 9:00 to 10:30, August 7th at the Center, room 222. A notice was issued by the Center to other Hanford Project about the upcoming meeting. The meeting was held and well attended. A copy of the presentation that Bill gave is available at the Center on request.

The Center received a call from Grant McCalmant, CH2M, about the stagecoach type A, 7A shipping box. Web site: <http://www.advenvironmental.com/stagecoach.html>. Follow-up research by John Stamper, found data in ARMIS under %stagecoach% with six additional information groups. CH2M are planning to use a stagecoach shipping box to ship lead, the end of this month. CH2M 222-S labs personnel visited the Center to look at the displayed Stagecoach box and acquire additional information.

2. Scott Brim from WCH called looking for a gasket for a new Nilfisk GM-80. The gasket was lost during receipt inspection and noted missing at Vent and Balance, during aerosol testing the HEPA filter. The Center had two spare gasket kits, which one was given to WCH. WCH will have a replacement kit for the Center the end of this week. Gasket has been replaced. With the new gasket installed, the aerosol testing was completed and the unit was sent to the field at 100N.

Kelly Neal called and Jim McAuley, of WCH, visited the center asking to information on DF of poly urea on surfaces like the 324 B- cell for capturing loose surface contamination. They wanted documented previous operations using the products and methods used.

Received a call from Bob Anderson, WCH at 100N project. They are planning a concrete slurry into a 1000 gallon tank and the concrete vendor is concerned about damaging the paper HEPA filter attached to the tank to filter displaced air during the slurring operation. The vendor suggested a in line charcoal filter for any moisture created during the slurring. The Center suggested using a demister, simply a metal box, packed with steel wool in line prior to the HEPA filter. The Center also contacted a couple of facilities on site that have performed this evolutions as to past problems. None had experience glazing or damage to the paper HEPA filter. Center also forwarded information to WCH on in line charcoal filter web sites that could be used to find the appropriate prefilter.

3. Brain Bauman of waste retrieval called the Center looking into potential radiation shielding to be used on drum removal in trenches in the 200 west area. The Center has in the past attending a planning meeting with the retrieval group on the best practices for removal of the drum. Drum are laying horizontal in long trenches with minimum access space. The Center suggested that the waste retrieval planners have an update meeting on the execution plan for the drum removal so that the Center can better suggest a fit for the issues as they arise.

Mark Higbee of waste retrieval RadCon, visited the Center looking for small hand held mister. Encapsulation Technologies, web site: www.fogging.com, in Richland sells small units. The Center gave brochures to Mark on four different styles of small misters available.

Mark Davidson from T-Plant called the Center, looking for suppliers of large leather gloves. In the past, during repacking in the Canyon, the workers worn multiple layers of PPE glove with a #12 leather glove on the outside. Recently, leather gloves being purchased have been smaller than the usual #12 size and

have not been functional. The Center suggested two vendors to be contacted for future procurement of gloves, National Safety and Supply, web site: www.nationalsafetyinc.com and Safety and Supply, web site: www.safetyandsupply.com .

4. The ALARA Workshop held the debriefing of the 2006 workshop at the Center. All the workshop team and comments from the attendees felt the workshop was a great success. The ALARA Center held the monthly Site ALARA Chair meeting August 3rd. Next monthly meeting will be Sept. 7th at 2:00, 2420 Steven Center, room 126.

5. See the attached SRS ALARA center (AC) July 2006 Activity Report. Columbia Generating Facility has arranged for a tour of some of the RadCon staff of the ALARA Center, August 17th. The ALARA Center will be giving a presentation at Hammer, on the Hanford ALARA Center to the Hazwopper instructor continuing training on August 14th.

6. PFP Ops visited the Center, interested in training of some operator in the use of cutting tool (sawall and reciprocating saws) in glove boxes. The Center assigned room 220 to PFP for the day to perform the training. Tools have been staged at the center specifically for this type of training.

7. The Center got a new tool in this week, from Stout Tool Corp, web site: www.stouttool.com. It is a small, battery operated band saw that can be operated as a portal band or placed in a stand fixture. Might have an application in glove box work. The Center actually got two saw, a model STX-250B, with a 4-6 hour charger and a mode STX-250C (contractor kit) with a one hour charger. Both have 18 v. batteries. See attached pictures.

VENDOR CORNER

1. Aage Hval from Trumpf Inc, web site: www.trumpf.com visited the Center on Tuesday, August 1st. He also made contact with WCH and CH2M while on the site. The Trumpf nibbler has been used successfully at a number of project here at Hanford for cutting metal material, especially stainless steel.

2. The Representative from Hex-Armor, web site: www.hexarmor.com will be at the Center with Jay Robinson from National Safety and Supply, on August 16th from 10 to 2. The topics to be shown will be cut and puncture resistant gloves and other products.

3. DESCO, web site: www.descomfg.com, Tool rep held a product demonstration at the Center, August 4, 9 to 2.

FOR YOUR INFORMATION

1. From DOE Lesson Learn Data Bank: [Puncture Injury During TRU Drum Repackaging - Emphasizes Using Engineering Controls to Eliminate or Reduce Hazards \(SRS\) \(Source: User Submitted - ID: 2006-SR-WSRC-0028\)](#)

It is important to maximize the use of engineering controls to eliminate or reduce the human/hazard interface as much as possible.

2. From DOE ES&H Information link, see attachment above (SB 2006005.pdf), " A Guide to Good Practice for the Control and Release of Property", that may contain Residual Radioactive Material"

Jerry Eby

Larry Waggoner

Fluor Hanford ALARA Center of Technology
Technology
509-372-8961 fax 509-376-7717

Fluor Hanford ALARA Center of
509-376-0818 fax 509-376-7717