

From: Eby, Jerald L

Sent: Monday, February 13, 2006 7:08 AM

Subject: ALARA Center Activities for the Weeks of January 30th and February 6th, 2006

Attachments: January 2006 Activity Report.pdf; combined.pdf

Visit our web site at: www.hanford.gov/rl/?page=974&parent=973 . This report cover the two weeks of January 30th and February 6th, 2006

1. PNNL called looking for a band saw they could use to cut up a 12" thick a Control Rod Drive Mechanism. Suggested they call Susan Raymond to see if there are any being excessed or Kathy Casey to see if another government facility has one they are excessing. Found one on the internet at http://www.toolcenter.com/band_saw.html that will cut 12" thick material with carbide-tipped blades for stainless steel.

Requested help from PNNL in finding anti-static pads for PCM-1B portal monitors. Recommended they look at

<http://anti-staticmat.com/AntiStaticProductsDirectory.htm>

2. Attended mockup training exercise at the Fab shop to watch PFP train workers on plasma arc cutting holes in a simulated stainless steel tank. Plan is to apply lessons learned at the mockup to cutting holes in four tanks in Building 241-Z. The mockup area was set up so it duplicated the vault where the tanks are located. Workers entered by climbing down a vertical ladder. Workers wore Frham Tex II sack suits under fire retardant Indura clothing. A Hypertherm air-cooled plasma torch was used to make the cuts. There were lots of sparks and some airborne debris that looked like smoke. The quantity of airborne debris should be less on the actual job as each tank has negative vent which should draw most of the debris inside the tank. They will try using plant air rather than oxygen during cutting to try and reduce the quantity of airborne debris. Workers seemed very satisfied with how fast the plasma arc cut the metal and they should be able to accomplish the actual job with only one entry into each vault. The openings are being cut to gain access for cleaning the tanks. If the tanks can be cleaned, they don't have to be removed. PFP uses a fire retardant duct tape to seal between their coverall legs and the booties and around the wrists. This tape is made by "Shurtape" and is product PC-21F. See www.shurtape.com and see <http://www.shurtape.com/Default.aspx?TabId=79&ProductID=65&DisplayType=1>.

A program manager from PFP borrowed a MSA, website: www.msanet.com, MMK2 powered respirator for demo at PFP. The respirator unit was one of six different units that Allen Lilly, Respirator Protection had placed at the Center for demonstration purposes. Units include Bullard, website: www.bullard.com, and MSA.

3. Ground water RadCon visited looking for ways to introduce a glove in a sleeve to take smears on some crib work at U-Plant. Showed the pre-made, glue on, smear box and glove sleeves from Lancs Industries, website: www.lancsindustries.com and glove attachment accessories.

4. Forwarded CD to ten D&D Managers with presentations on Cutting Techniques Used in D&D Work, Developing D&D Strategies, and Power Point Presentations from Rocky Flats on their D&D Worker Training Facility and Building Demolition. These presentations were too big to email. FFS decided to forward the CD to Fluor personnel working in England.

5. Three NCO's from waste retrieval visited the Center looking at PPE, mainly Orex, web site: www.orex.com. Center gave them four sets of the deluxe to try at their facility.

VENDORS CORNER

Columbia Basin Hotsy received a call from Mike Stone @ Fluor Ground Water Remediation (phone#376-5749). Ground water just received their order for 2 gallons of Taginator, for use in decontamination at their facility. He had gained the information about the product from the ALARA Center and the Center intends to get feedback on how the Taginator works for ground water applications. PECOS, a facility in North Richland, is having great success with Taginator. CB Hotsy has also sent several bottles to the ALARA center @ Savannah River to show at their facility. See web site at: www.cbhotsy.com.

FOR YOUR INFORMATION

1. DOE has a website on Safety Bulletins. See <http://www.eh.doe.gov/paa/bulletins.html> Recommend reading Asbestos Awareness, Respiratory Protection Incidents, the Radioactive Leak at Sellafeld, and Defective Airline Respirator Hoses as a minimum.
2. Larry and Jerry attended the Rad Work Planner Training (Course #022801), at 2420 Stevens. This training was given five days this week to ~80 Fluor RadCon personnel. Following the formal class the students will perform OJT/OJTE at their respective facilities.
3. Forwarded copy of article on "Radioactive Contamination Incidents Involving Protective Clothing" to WCH field engineer. See attached copy "combined.pdf", above.
4. See the attached January 2006 Activity report from SRS ALARA Center. The ALARA Center held the monthly Site ALARA Chair meeting at the Center, February 2nd. Jerry attended the Fluor Hanford Respirator Group meeting at Hammer, February 9th.

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