

From: Eby, Jerald L

Sent: Monday, November 14, 2005 9:45 AM

Subject: ALARA Center Activities for the Week of November 7, 2005

Visit our Website at www.hanford.gov/rl?page=974&parent=973

1. Greg Gibbons of WCH is looking for commercial sold decon kits. The Center reviewed information on hand and found no vendor that sold pre-made decon kits. Some companies have spill kits, but not decon kits. Talked with Lee Livesey at CH2M Hill, and they make up their own decon kits, contents dependant on the specific work being performed in the area of the staged kits.

2. After the previous weeks ALARA Center Activity Report was issued, PFP called the Center about a stack probe job they had performed successfully. They used a Plexiglas container to remove the probe into. PFP contacted Dee Ekstrom with further information. The D&D group is having a meeting Monday, 11/14 to discuss additional options. The ALARA Center will be participating in that meeting. Additional information will appear in the November 14th activity report.

3. CH2M Hill ALARA Coordinator called about other organizations use of RMA's. The Center discussed their experience of RMA's at the Shipyard in Bremerton and some issues with RMA's at Hanford.

Assisted CH2M vent and balance is researching a type exhauster used by WCH. The unit was a H-1000V from Abatement technologies. Forwarded information from the company web site to the Vent and Balance manager.

Tom Peterson of CH2M Hill visited the Center looking a means of fixing radioactive contamination to a metal surface. Suggested PBS, website: www.bartlettinc.com, Polyurea and Rust doctor, web site: www.therustdoctor.com as good fixatives for his task. Showed some picture of a tank remediation that was done at 100N, a couple of years ago, using rust doctor as a fixative for contamination control. Gave him some brochure information and a list of Fixatives used here at Hanford that the Center has complied.

4. Assisted Jason Vogal of PFP, who was looking for Soil Cement for PFP emergency kit. Sent him to a CH2M operation manager, which has used the product in the past and to Jess Aguilar at the stores warehouse at 2101M. They have in the past had 55 gallon drums in stock.

PNL called the Center looking for a HEPA vacuum cleaner to be used for assisting source removal at the Radiac range. Had them contact Nilfisk, website: www.pa.nilfisk-advance.com and contact Jess Aguilar, at the store warehouse at 2101M. They have in the past had some HEPA units in stock.

5. Received a call from Patti Undercluff, of the RadCon office at the Gaseous diffusion facility in [West Paducah](#), Kentucky. They have a large facility, that the wall, ceiling and floor paint is flaking off in large chunks, that is highly contaminated. The lower portion of the building is concrete with two large towers that are made of steel. Suggested fogging, web site: www.fogging.com, PBS and/or polyurea. For the steel towers, possibly use rust doctor if the flakey material is rust, not paint.

6. Rick Butler, ICP ALARA Coordinator, called from INEL about the operation of facility ALARA programs, here at Hanford. Contacted Dan Beers, FH RadCon Protection, who was to contact Rick to discuss the Hanford program. Another engineer from INEL called the Center. He is working on setting up a waste retrieval process for High level TRU waste and processing the waste. I gave him names and phone numbers of three ALARA Chairs associated with waste retrieval and processing that could share information with. He also is looking for mechanical cutters for umbilical sleeve cuts. Suggest a Ridgid tool #138, used primarily to cut PVC piping, web site: www.ridgid.com. Also discussed using a electric wire knife. INEL had found a tool that is used to cut radiator hose and was trying it to cut sleeving. The Center copied a couple of pages from the website and forwarded the material to ground water group,

which are also looking looking for a better tool to cut umbilical sleeve cuts. Website is www.skywaytools.com/radiatorhosecutter.html

7. The Center was contacted by Savannah River Site on planning for D&D of a facility. SRS has an incinerator which the interior is a High Contamination Area. It is lined with bricks "like a fireplace" and has residual ash. SRS need expertise in selecting a fixative to fix the residual ash and contaminated brick. The Center suggested initially Fogging the internal surfaces, and then coating the inside of the incinerator with PBS and/ or polyurea.

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