

Hanford ALARA Center and D&D Knowledge Management Hotline Information Update January 30, 2009

ALARA Center Activities and Information

1. The nominations for the annual Columbia Chapter of the Health Physics Society (CCHPS) awards are due February 5, 2009. You still have an opportunity to submit your candidate's package for review. There are three CCHPS awards that radiological professionals are especially interested in: Radiation Safety Technologist of the Year, Health Physicist of the Year, and the Operational Health Physicist of the Year. Contact Greg Gibbons at gregory.gibbons@pnl.gov or 371-7103 if you would like more information about the submittal process.
2. Newton Research Laboratories has developed an Unmanned Access Control System (NUMAC) that may be of use at your site. NUMAC is a fully self-contained wall mounted device that control door access hardware and restricts access to authorized personnel who are equipped with the required radiation detection equipment and who are wearing them in the appropriate body mass area. The system maintains logs of access data and can be a stand-alone or a networked system communicating with a central control office. In addition, the system can be optionally equipped to track people entering and visually record and display in real time the number of persons entering and leaving the access point preventing tailgating through the access point. For more information about Newton Research and their products visit www.newtonresearch.com.
3. I attend a work planning meeting at the Liquid Effluent Facility for upcoming work on a fire protection damper. The planning team discussed the work package, RWP, ALARA management worksheet and other work documents. The meeting was well attended by representatives of all groups involved with the work. Please contact me if you would like me to attend your next work planning meeting.
4. Tri Tool has produced a new chip-guard debris catcher kit used with the model 301 tube squaring machine (photo below). When collecting chips is of concern, due to radiological or other contamination, this system should be given consideration. For more information about the chip collector kit or other Tri Tool equipment visit www.tritool.com.



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5. The ALARA Center has several new G/O Corporation product samples that you are invited to stop by and see. Some of the new products include: Flexx tape made from woven polyethylene, Rad and Safety chain coated with “Everlast”, and Tack-It (treated tacky cotton material to lock down contamination). If you would like your organization to look professional and to clearly communicate safety and radiological hazards visit G/O Corporation at www.gocorp.com, or contact Ty Finley at (985) 778-3580.

D&D Hotline Activities and Information

1. Ralph Fabian of Desco, manufacturer of dust free surface preparation systems, visited the ALARA Center to discuss different dust free surface preparation tools with WRPS engineering, radiological engineering and work planning representatives. WRPS is interested in the tools (photos below) for potential use in upcoming evaporator work and for possible future work in valve pits. Desco tools are designed to control contaminants at the point of generation by attaching a HEPA vacuum to the tool to filter exhaust. Desco has several tools on display at the Center if you would like to see them first-hand. You can get more information about Desco products at www.descomfg.com.



2. D&D work often involves grouting material so it's important to know the basics of grout. I would like to suggest that you go to the DOE Information Bridge (<http://www.osti.gov/bridge/index.jsp>) and search for a document by Alex Nandts titled, “Brief Overview of the Various Families of Grout and Their Applications”. Once at the Information Search page type “brief overview of the various families of grout” and the document should appear first on the lists of documents found. You can also just search with the word “grout” and find hundreds of very interesting articles. Please contact me if you would like a “PDF” copy of “Brief Overview of the Various Families of Grout and Their Applications”.
3. CS Unitec offers a complete line of tools that will help with your D&D activities. They also have a video library that demonstrates several of their tools put to the test. I found the video demonstrating a pneumatic reciprocating saw, using low air volume, cutting angle iron and pipe with a clamp very useful. The video can be viewed at <http://www.csunitec.com/videos.html>. Using a clamp is a much safer and more effective way of performing a cut. Take a look and let me know what you think.

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Contacts

You are invited to visit the Hanford ALARA Center located on the Hanford site in building 2101M in 200 East rooms 220 to 226. The Center is focused on supporting your project's safety, radiological engineering, ALARA, and D&D challenges. You can also send your questions, comments, and lessons learned to me via e-mail or contact me by phone. Additionally, I would be happy to assist you directly with your project challenges at your site. My contact information is below.

Jeff Hunter (509) 373-0656, Cell (509) 948-5906, jeffrey_l_hunter@rl.gov

Please help me keep the report distribution e-mail address list current by letting me know if you would like added or removed from distribution and by keeping me informed of any e-mail address changes.

Other helpful information links are:

Hanford ALARA Center Website: www.hanford.gov/rl/?page=974&parent=973

D&D Knowledge Management Tool Website: <http://dndkm.arc.fiu.edu/dndkm/>

SRS ALARA Center website: www.srs.gov/general/programs/alara/alara_center.htm

Department of Energy Hanford Site: <http://www.hanford.gov/>

Virtual Hanford Tour: <http://www.hanford.gov/?page=326&parent=317>