Hanford ALARA Center and
D&D Knowledge Management Hotline
Information Update
November 19, 2009

ALARA Center Activities and Information

1. Novatek Corporation has new innovative air moving and filtration equipment (examples photos below) they would like you to be aware of. The Novatek "Novair" line of products consists of portable air filtration systems designed to remove hazardous airborne materials or nuisance dust. These units are ideal for asbestos, radiological contamination control and mold abatement. Visit http://www.novatekco.com/html/new_products____.html to see the new Novatek products.

2. SIMWyPES is a no-residue, non-tacky tack cloth wipe developed to clean beryllium and radioactive contamination. SIMWyPES was developed at the Y-12 National Security Complex specifically for beryllium decontamination. SIMWyPES may be the cleaning solution your team is looking for. eSpin Technologies as a licensed manufacturer of this technology, produces SIMWyPES in coarse & fine grades and multiple sizes. To obtain eSpin contact information visit http://www.espintechnologies.com/contact.htm.

3. A Washington Closure Hanford radiological engineer toured the ALARA Center as part of the initial qualification process. The tour focused on tools and resources available to him that can help mitigate personnel hazards and reduce project risks. I encourage all work planners, engineers, IH, safety professionals, radiological personnel, and operations personnel to tour the ALARA Center periodically to stay current with tools and resources available to support them.

4. The Center conducted six Containment Training courses for Washington River Protection Solutions and CH2MHill Plateau Remediation Company employees. The course includes a classroom presentation, a tour of the ALARA Center, hands-on taping exercises, a glovebag building exercise, and a tour of the PFP Plastic Shop to see how containments are made. The goal is to prepare students for all phases of containment work.

5. A Tank Farm operator requested help in obtaining a shielded container for high level waste for upcoming HEPA filter replacement. The Center recommended they consider placing the waste in a 30 gallon drum placed inside a 55 or 80 gallon drum. The annulus between would be filled with shielding material they already have on-hand.

D&D Hotline Activities and Information

1. Unifire's T-Rex (photo below) high performance metal cutting circular saw can cut through steel as easily as cutting plywood. A uniquely designed cover collects virtually all chips and sparks, while a special spindle lock allows for fast and easy blade changes. Create up to 2" depth of cut with the lightweight 7" T-REX metal cutting saw and up to a 3.25" depth of cut with the 9" T-REX metal cutting saw. This saw may be a good choice for cutting pipe supports for D&D or size reducing metal radiological waste. Visit http://unifireusa.com/trex.php for more information.

2. The ALARA Center has obtained a Ridgid Micro See Snake Inspection Camera (photo below) that you are invited to come see. The hand-held camera allows you to perform a detailed visual inspection in hard to reach areas. A comfortable pistol grip design and forward facing controls make it easy to detect and diagnose the unreachable. The camera is available with a 17mm camera head for general use or a 9.5mm camera head for up-close visual inspections in tight spaces. Other accessories include a retrieval tool, mirror, and a magnet. Additional extensions can be added up to 30' in length. Base unit cost is about $300.00 which is significantly cheaper than more expensive video inspection cameras.

3. The ALARA Center forwarded a copy of our "Cutting, Dismantling, and Demolition Tools" presentation to DOE's Paducah Project Office for their review. Contact the ALARA Center if you would like a copy of the presentation or if you would like equipment ideas to support your D&D project. Your questions can also be submitted to the D&D KM-IT at http://dndkm.arc.fiu.edu/dndkm/.

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 come to your site to assist with your project's challenges. My contact information is below.

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Other helpful links are:

Hanford ALARA Center: www.hanford.gov/rl/?page=974&parent=973
D&D Knowledge Management Tool: dndkm.arc.fiu.edu/dndkm/
SRS ALARA Center: www.srs.gov/general/programs/alara/alara_center.htm
Department of Energy Hanford Site: www.hanford.gov/
Virtual Hanford Tour: www.hanford.gov/?page=326&parent=317
HAMMER: www.hammertraining.com/
Dade Moeller: http://www.moellerinc.com/index.php
Mission Support Alliance: http://www.msa-hanford.com/