

**Hanford ALARA Center and
D&D Knowledge Management Hotline
Information Update
August 13, 2009**

ALARA Center Activities and Information

1. ALARA Center personnel attended a Liquid Effluent Facility planning meeting focused on removing a contaminated tank located outside their facility. The planning team evaluated different methods to contain the tank during the removal process. The method of containment selected would also have to enable them to place the tank on a waste truck located near the work area. The planning team is currently evaluating their options.
2. Ken Walter of SKC visited the ALARA Center to discuss a new product used to decontaminate toxic metals. Hygenall is a heavy metal surface decontamination wipe that was originally invented by the Centers for Disease Control and Prevention, and the National Institute of Occupational Safety and Health. Hygenall removes lead, cadmium, mercury, copper, arsenic, and other toxic metals from skin. The ALARA Center has samples of Hygenall for your project to field test. For more information about Hygenall e-mail Ken Walter at ken@skcwest.com.
3. Ten new American Recovery and Reinvestment Act Groundwater nuclear chemical operators and RCTs toured the ALARA Center. The focus of the tour was to familiarize them with tooling and safety equipment they will be using in the field.
4. National Safety visited the ALARA Center to demonstrate OccuNomix cooling vests (photo below) to CHPRC D&D. CHPRC will field test two of the vests to determine if they will work in a D&D environment. Contact Forrest Wilbanks at (509) 929-7175 if you would like more information about OccuNomix cooling vests.



5. NFSRPS visited the ALARA Center to demonstrate different models of their ventilation equipment to K Basins radiological personnel. NFSRPS displays several different ventilation units at the Center for you to evaluate. Visit www.nfsrps.com for more information about NFSRPS products and services.

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- Two teamsters visited the ALARA Center to look at cut and puncture resistant gloves. They were concerned about cutting themselves on sharp edges while moving equipment. They looked at examples (photo below) of HexArmor cut and puncture resistant gloves. Visit www.hexarmor.com for more information about HexArmor products.



- A Washington Closure Hanford radiological engineer toured the ALARA Center as part of his 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.

D&D Hotline Activities and Information

- GE Inspection Technologies has introduced PocketMIKE (photo below) a new thickness gauge that you may find helpful measuring wall thickness on pipelines, tanks, or structural steel. The PocketMIKE integrated product design combines the instrument and transducer into a single package, allowing for easy single hand operation. For more information visit http://www.geinspectiontechnologies.com/en/products/ut/thickness_gauges/pocketmike.html.



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2. Oskar provides welding solutions that might benefit your facility's production schedule and safety program at the same time. Oskar designs and builds welding stations, downdraft tables, and ventilation arms (photos below) to support welding. To learn more about Oskar products visit <http://oskarsales.com/>.



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.

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 to be added or removed from distribution and by keeping me informed if you change your e-mail address.

Other helpful links are:

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

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

SRS ALARA Center website: 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 website: www.hammertraining.com/

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