



Hanford ALARA Center and D&D Knowledge Management Hotline Information Update June 17, 2010



ALARA Center Activities and Information

1. Washington River Protection Solutions IH personnel and URS Washington Division corporate safety and HR professionals from the Boise, Idaho office toured the ALARA Center to look at tools and techniques used to perform work in Tank Farms. Please contact me if you would like a tour of the ALARA Center.
2. HexArmor has developed two new gloves that are impact resistant, cut resistant, and abrasion resistant which makes them an excellent choice for D&D work. The Chrome series (yellow and black glove below) and Gator Grip (green and yellow glove below) will provide the hand protection necessary for barrel handling, waste sorting, or general demolition work. The gloves are launderable, oil resistant, and provide the highest level of cut protection offered. HexArmor has agreed to send samples of the Chrome series and Gator Grip to the ALARA Center for Hanford workers to evaluate. The samples should be in the ALARA Center next week. For more information about HexArmor visit www.hexarmor.com.



3. FallTech designs and builds fall protection equipment such as: lifelines, lanyards, harnesses, anchors and more. Two specific products that I found interesting were the water filled neoprene anchor system and the temporary horizontal lifeline kit. FallTech has offered to conduct a product demonstration at Hanford if there is interest. Please let me know if you would like to see a FallTech product demonstration at the ALARA Center. For more information about FallTech visit www.falltech.com.
4. One of PFP's D&D teams toured the ALARA Center to look at tools that might be helpful in glovebox cleanout and removal. The team was also interested in safety equipment. They discussed their future work and the challenges of working in areas with limited space. Your work team is invited to tour or hold planning sessions in the ALARA Center. Please contact me if you would like to schedule a tour.



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5. A Respirex product representative visited the ALARA Center to demonstrate their air fed suits for Hanford workers and the Hanford Site Respirator Committee. Respirex has three air fed suits that are approved for use at the Savannah River Site. The suits provide a higher level of protection and can provide cooling for heat stress. For more information about Respirex products visit <http://www.respirex.co.uk/>.

D&D Hotline Activities and Information

1. The D&D EFCOG working group met in Moline, IL for a John Deere construction equipment demonstration and to learn about John Deere's remotely operated equipment. All of Deere's heavy equipment can be equipped to remotely operate. Deere has also developed very realistic heavy equipment simulators that that could be used to perform mock ups or practice for high risk work. To learn more about John Deere construction equipment visit http://www.deere.com/en_US/cfd/construction/deere_const/widescreen_home.html.
2. Argonne National Laboratory is offering their D&D training course in Las Vegas, Nevada, August 2-5. This three day course serves to introduce the topic of decommissioning to those new to the area, as well as serving as a refresher to those who have previously worked or currently work in the D&D area. An optional fourth day is a tour of the Nevada Test Site to see various D&D projects in progress. Visit Argonne's website at <http://www.dd.anl.gov/ddtraining/> to learn the specific details about the course and accommodations. You are encouraged to register as soon as possible to facilitate security badges for the tour.
3. CHPRC hosted a QinetiQ demonstration of their Talon robot (photo below) and robotic controller kit for Bobcat construction equipment. The Talon and Bobcat robotic controller are both excellent choices to perform hazardous work remotely. The Talon can be sent into areas with IH equipment and radiological instruments attached to perform tasks and collect data. Visit <http://www.qinetiq-na.com/products-talon.htm> to see a video demonstrating the capabilities of talon robot. The Bobcat robotic controller kit can be attached in about 15 minutes to 17 models of Bobcat skid-steer, all wheel steer, or compact track loaders that are equipped with joystick controls. When the task is completed, the controller kit can be removed and the Bobcat returned to its previous service. Visit <http://www.qinetiq-na.com/products-unmanned-bobcat-robotic-control-kit.htm> to see a video demonstrating how to automate a Bobcat and to see the equipment performing work common to D&D.





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by our customers' success

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Contact Information

We invite you to visit the Hanford ALARA Center located on the Hanford Site in Building 2101M in 200 East, Rooms 220 to 226. The Center's focus is on supporting your project's safety, radiological engineering, ALARA, and D&D challenges. You also can 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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Please help me keep the report distribution current by letting me know if you would like to be added or removed from distribution and by letting me know when you change your e-mail address.

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

Dade Moeller: <http://www.moellerinc.com/index.php>

Mission Support Alliance: <http://www.msa-hanford.com/>