

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

ALARA Center Activities and Information

1. NFSRPS presented two ventilation workshops in the ALARA Center. Both workshops were fully attended with representatives from each of Hanford's prime contractors. The diverse audience consisted of IH, safety, radiological engineering, and environmental. The focus of the workshop was how to implement effective temporary ventilation as an engineering control. John McDonnell instructed the course and helped with project specific ventilation challenges after the classes. Contact John at (503) 881-3558 for assistance with your ventilation challenges. For more information about NFSRPS products visit www.nfsrps.com.
2. Sensear introduced their new smart ear muff, the SM1 Series (photo below). Sensear products facilitate effective communication in high noise environments by reducing ambient sounds and enhancing speech quality. Sensear also offers an ear plug communication enhancing device and features Bluetooth capabilities in both the ear plug and ear muff series. For more information about Sensear products visit www.sensear.com.



3. The Center conducted Containment Training for a WRPS Field Work Supervisor, two WRPS RCTs, and a CHPRC Radiological Control Supervisor. The course includes a classroom presentation, tour of the ALARA Center, hands-on taping exercises, a glovebag building exercise, and a tour of the PFP Plastic Shop.
4. The Liquid Effluent Facility (LEF) invited Hanford Plastic Shop and ALARA Center personnel to an ALARA in-process review covering decontamination work in a glovebag. The focus of the meeting was to provide solutions for modifying a glovebag that was already in service to allow work to continue. LEF's work planning team is currently evaluating the suggested glovebag design changes made during the in-process review. The in-process review was attended by LEF management, craft, operations, and radiological engineering.

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5. Forrest Wilbanks visited the ALARA Center to add several safety glasses to the National Safety display table. Some of my favorite safety glasses are the Orange County Chopper safety glasses, several new safety glasses with reading glasses built in, and new sets of dust goggles. Contact Forrest Wilbanks at 509-929-7175 for information about National Safety products or stop by the ALARA Center and take a look at the National Safety display.

D&D Hotline Activities and Information

1. Bobcat offers a new line of compact excavators designed to get into tight spaces. The M-Series mini excavator (photo below) is also much lighter for work areas where equipment weight is an issue. For more information about Bobcat products or the M-Series excavator visit http://www.bobcat.com/excavators/mseries/?_ref=ctnenlgsaprboxlgo .



2. Terra Universal designs, builds, and equips critical care environment rooms. Their clean room experience is directly transferable to the D&D community. For example, Terra Universal offers a comprehensive line of cleanroom pass-through chambers (photo below) that could be used for IH samples, radiological samples or D&D anomaly sample processing. Visit Terra at http://www.terrauniversal.com/promotions/gs/passthroughs_index.php for more information about cleanroom products that might be useful at your project.



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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 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: <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>