

**Hanford ALARA Center and
D&D Knowledge Management Hotline
Information Update
March 27, 2009**

ALARA Center Activities and Information

1. Four Training professionals from Magnox South Ltd., United Kingdom, toured the ALARA Center. During the tour we discussed common issues such as an aging work force and how to retain expertise when that segment of the work force retires. I showed them the D&D Knowledge Management Information Tool (D&D KM-IT, <http://dndkm.arc.fiu.edu/dndkm/>) which is one part of our solution to the problem and told them that the D&D KM-IT would be available for international use in the next few weeks. They were also interested the ALARA Center's scope and set up for possible duplication in the United Kingdom.
2. Vulcan Global Manufacturing Solutions offers a wide range of custom shielded products, including transport casks (examples below). Vulcan can custom design and produce these shielded casks from the ground up, or can make your pre-designed shielded cask. For more information about Vulcan transport casks or Vulcan products visit www.vulcangms.com.



3. The Center conducted Containment Training for a WRPS field work supervisor and two RCTs. The course includes a classroom presentation, a tour of the ALARA Center, a hands-on tapping and glovebag building exercise, and a tour of the PFP Plastic Shop.
4. CHPRC K Basins engineering visited the ALARA Center to look at Champion Rescue Tools. K Basin is evaluating the tool as one potential option to remotely cut fuel pool tools. For more information about Champion Rescue Tools visit <http://www.championrescuetools.com/>.

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5. Frham Safety Products has developed unique color coded pipe covers to assist with your foreign material exclusion (FME) program. They have florescent pink covers for radiologically controlled areas and green covers to signal “clean”. If the covers are contaminated or suspected of being contaminated, just place them in a laundry container. Additional FME protective covers for pipe flange type openings are available. These covers are made of light weight material and made to be stored in FME supply areas. For more information about the pipe covers visit <http://frhamsafety.com/fme/prod.htm>.
6. The 72nd civil support team and fire fighters from Nebraska toured the ALARA Center. Their specific team provides first and second response to chemical and radiological events. Their main interests were fixatives and tooling.
7. The Center loaned National Safety’s safety glass and goggle display to the Presidents Zero Accident Counsel to show its members. Recently, safety glasses and goggles have become very stylish. They come in a verity of frame styles and lens tints so chances are you will find a style that you like. Visit National Safety’s website at www.nationalsafety.com for more information about eye protection products.
8. A radiological engineer from Perry Nuclear Power Station contacted the center to find misting equipment vendors to help suppress airborne contamination in their refueling floor. I suggested several vendors including; Lechler (<http://www.lechlerusa.com/products.asp>), iSpray (http://www.ispray.com/sc_app/default.asp?vid=0,0,0,0), and Arctic Fog (<http://arcticfog.com/misting-equipment.html>).

D&D Hotline Activities and Information

1. 3M has a fire protection technical library located on their website where you can find technical support documents including; broadcasts, Burning Issues, code approvals, specifications, and technical bulletins. If your project has questions about fire related issues visit the library at http://solutions.3m.com/wps/portal/3M/en_US/FP/FireProtection/Products/ProductCatalog/?PC_7_RJH9U5230GE3E02LECFTDQ0R92_nid=6FF75Q0PFHbeS02HSH6W0Mgl. 3M also has a technical self help search feature that can be accesses from the above link, to quickly get answers to many technical questions about the 3M Building and Commercial Services fire protection products, services and system offerings.

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2. Brian Evens of Tri Tool visited the ALARA Center to discuss new products and Tri Tool's new welding service. The 208B ID Mount Machine will go from 2" through 8" and a new welding machine are some of the products that could be ready by year end. Visit Tri Tool's website at <http://www.tritool.com/main.html> for more information about Tri Tool Products and to see what is new at Tri Tool.

3. Container Products Corporation produces three types of drum compactors that may be of interest to your facility. A rectangular box compactor with compaction forces up to 500,000/lbs, a drum compactor with compaction forces up to 90,000/lbs, and a drum crusher (photo below) with compaction forces up to 500,000/lbs. For a complete list of Container Products Corporation products visit <http://www.c-p-c.com/productlist.html>.



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 and assist with your project's challenges. My contact information is below.

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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 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>