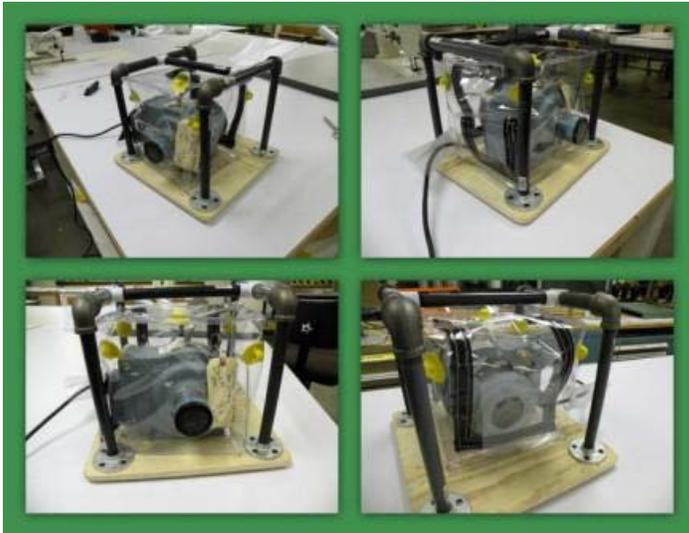


**Hanford ALARA Center and
D&D Knowledge Management Hotline
Information Update
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ALARA Center Activities and Information

1. The PFP Plastic Shop constructed a plastic housing (photo below) for Washington River Protection Solutions (WRPS) to keep air samplers out of the rain. The new instrument housing is an inexpensive way to protect valuable equipment from the elements. Contact the Plastic Shop at 373-2668 if you need a custom made plastic item.



2. A representative from Fluor Site Infrastructure group visited the ALARA Center to look at goggles. The group's focus was to prevent eye irritation due to blowing dust. Forrest Wilbanks of National Safety also attended the meeting. Forrest showed him several sets of goggles and safety glasses that protect eyes from blowing dust. "Dust Gogglegear" was one of the products discussed. Dust Gogglegear snaps into Lexa safety glasses and provides a foam seal which prevents blowing dust from entering the space covered by the glasses. We also discussed Maxim safety glasses that also protect eyes from blowing dust with a seal around the eye. The idea behind Dust Gogglegear and Maxim glasses is that most people prefer to wear safety glasses rather than goggles, and getting people to use PPE is vital to the solution. Contact Forrest Wilbanks at forrestw@nationalsafetyinc.com for more information about gogglegear or other National Safety products.
3. A Health Physicist from Oak Ridge contacted the Center to discuss D&D strategies for a facility contaminated with Tc-99. Key elements such as waste disposition still need to be addressed before specific solutions can be recommended. However, I forwarded a TC-99 technical evaluation and a lessons learned presentation developed by WESKEM that might help them with D&D ideas.

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4. You are invited to visit the ALARA Center and see Horizon Distribution's new display. Horizon Distribution sells a wide variety of tools, equipment, and safety products that we use here at Hanford. The SeeSnake Micro (photo below) is one of my favorite items on display. The SeeSnake is an inexpensive tool used to see something in a pipe or behind a wall. For more information about Horizon Distribution visit <http://www.horizondistribution.com/> or contact Tom Sassmann at tsassmann@hdweb.com.



5. A Vit Plant engineer visited the ALARA Center to discuss camera systems that could assist in collecting a remote sump sample located in cell that is not habitable. The camera system would need to operate in a high radiation environment, provide light, and travel 120 feet through 2-inch pipe. Several companies were suggested that could provide, or develop, a camera system with those specifications. I also suggested that a MG dosimeter, or similar device, should be snaked ten feet into the pipe to obtain radiological data before removing the sample. That data is essential to verify the sample pig will sufficiently shield the sample and the chemistry group has taken the appropriate measures to handle the sample.

D&D Hotline Activities and Information

1. D&D work is often performed in hazardous environments where non-sparking tools can be a requirement. CS Unitec sent the Center their new non-sparking tools and non-magnetic safety tool catalog. The variety of non-sparking tools available on the market today is impressive. You are invited to stop by the Center to see the catalog or you can go to www.csunitec.com to view all CS Unitech products. You can also search the web for non-sparking tools for many other choices.
2. The Construction Journal, <http://www.constructionjournal.com>, provides information about commercial construction, construction news and related articles. They also have a directory of contractors available by region to help you find a specialty contractor. The Construction Journal may provide you with information that could help your project.

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3. WRPS demonstrated some creative thinking at the 242-A Evaporator when they used 3M fire barrier pillows (photo below) to sealing the expansion gap around a 42-inch vapor line running between the evaporator room and the condenser room. Sealing the gap enabled WRPS to remove an airborne area posting in the condenser room. 3M fire protection pillows are typically used to seal gaps around cable trays and pipe openings. WRPS donated two fire protection pillows to the Center to display, along with information and photos detailing this work so you can stop by and see how they did it. Visit http://solutions.3m.com/wps/portal/3M/en_US/FP/FireProtection/ for more information about 3M fire protection products.



4. The excess property bulletin board has a diesel generator listed that is available for another project to use. The generator is 75kw, 3-phase, 277/480v. The engine is Allis-Chalmers model 649T and has an automatic transfer switch. Visit the bulletin board at <http://www5.rl.gov/rapidweb/procweb/EPBulletinBoard/results.cfm> to find out more about the generator or claim it for your project.

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 assist you directly with your project challenges at your site. My contact information is below.

Jeff Hunter (509) 373-0656, Cell (509) 948-5906, jeffrey_l_hunter@rl.gov

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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/>

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