

## SRS ALARA CENTER (AC) OCTOBER 2006 ACTIVITY REPORT

### **ASSISTANCE, DEMONSTRATIONS, RESEARCH, AND TOURS**

The external SRS ALARA Center website is posted at <http://www.srs.gov/general/programs/alara> . The internal SRS ALARA Center website is available in ShRINE by performing a quick search on ALARA or ALARA Center.

The “New” PPE Database describes personal protective and safety equipment available at SRS on the ALARA Program website available in ShRINE by performing a quick search on ALARA or ALARA Program.

The FLOUR Hanford ALARA Center website is available at [www.hanford.gov/rl/?page=973&parent=0](http://www.hanford.gov/rl/?page=973&parent=0)

The ALARA Center provided Liquid Waste Radcon Con with information regarding Unitech Services stanchions for outside use. The stanchion on the right features a swing gate for area access.



The ALARA Center continues to provide Radcon personnel with 5” X 2” Kestrel 1000 Pocket Wind Meter to determine containment air and exchange rates. WSRC Radiological Control Personnel can contact the ALARA Center to obtain the wind meter.

The ALARA Center ordered 75 pairs of Mohawk Industrial glove (part #RG150R11AMBI) for F-Area Tank Farm to use on glove bags where ambidextrous gloves are needed.



The ALARA Center continues to provide various facilities with EZ Reachers to use as an extended tool to reduce worker occupational radiation exposure.

The ALARA Center ordered lead blankets for shielding in the F-Area TRU Reprocessing Facility. [www.nfsrps.com](http://www.nfsrps.com)

The ALARA Center provided personnel from the Nevada Test Site with information concerning Ecomass and GammaBlok. Both are non hazardous lead substitutes. [www.ecomass.com](http://www.ecomass.com) and [www.zadatech.net/index.html](http://www.zadatech.net/index.html)

The ALARA Center ordered radiation attenuating surgical gloves for potential site use to reduce extremity exposure. The WSRC Calibration Facility performed an evaluation and determined that the glove reduced exposure to Sr/Y by approximately 40%. Another issue is the exposure to the forearm which is part of the extremity. Radiation reducing sleeves have been ordered to determine their effectiveness in reducing exposure to the forearm.

The ALARA Center provided both Solid Waste and D&D Radcon personnel with an 18 foot extension pole with an attachment for taking disc smears at extended distances. In this specific case it will be used to take smears inside a tanker.

The 7/32 inch diameter yellow and magenta safety rope is no longer available from SRS Stores. It has been replaced with a 5/16 inch diameter yellow and magenta rope 600 feet per roll. The Stores caption item number is 32-20615.00.

## **NEW VENDOR INFORMATION AND VISITS**

A representative from NFS-RPS visited the ALARA Center on 9/10/06. [www.nfrps.com](http://www.nfrps.com)

A representative from G/O Corporation visited the ALARA Center on 9/11/06. [www.gocorp.com](http://www.gocorp.com)

The ALARA Center received literature from Tri-Tool Inc. Tri-Tool manufactures portable equipment for on-site machining.

The ALARA Center met with a representative of Thermo Electron Corporation and received literature concerning radiation detection equipment.

John Soeder is the new Desco Manufacturing Southeast Regional Sales Manager. John can be reached to 757-382-0151.

## **UPCOMING VENDOR DEMONSTRATIONS AND VISITS**

Radiation Shield Technologies (RST), November. RST offers Demron, a non-toxic lead free radiation shielding material produced as full body suits, gloves, boots, and blankets.

## **2007 CONFERENCES**

Waste Management Conference in Tucson AZ February 25, 2007 – March 1, 2007. WSRC attendees are approved by SRNL Director Dr. Todd Wright. [www.wmsym.org/html/wm\\_conference.cfm](http://www.wmsym.org/html/wm_conference.cfm)

Health Physics Society Mid -Year Meeting on D&D and Environmental, Jan. 21-25, Knoxville, TN <http://hps.org/newsandevents/meetings/>

World of Concrete, Jan. 23-27, Las Vegas, NV <http://www.worldofconcrete.com/>

Health Physics Society Annual Meeting, July 8-12, Portland, OR <http://www.hps.org/newsandevents/meetings/>

HPS Professional Development School, Radiological Assessment: Detection, Identification, and Evaluation, July 13-16, <http://www.hps.org/newsandevents/meetings/>

American Nuclear Society Topical Meeting: Decommissioning, Decontamination, and Reutilization and Technology Expo, Sept. 16-19, Chattanooga, TN <http://ddrd.ans.org/>

## **POINT OF CONTACT**

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