

SRS ALARA CENTER (AC) JULY 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

Representatives from the ALARA Center, Safety Engineers, and TRU repack facilities met with North Safety Hand experts to discuss dry glovebox gloves for TRU Repack operations and the gloves for use over the dry glovebox gloves. Operators from the Mobile Repacking System (MRS) facility were present with gloves currently in use. Med Allen, SRS dry glovebox glove subject matter expert, is the SRS point of contact for North Safety.

The results of the meeting were as follows;

- The North Safety experts recommended the 15 mil dry glovebox glove for TRU Repack operations.
- North Safety has an action item to communicate with their Research & Development dept. to determine feasibility and schedule for developing a new dry glovebox glove. The glove development process would take approximately six months.
- North Safety has an action item to determine if there is a better cut/puncture resistant glove for wearing over the dry glovebox glove. Note that the Salisbury lineman's glove currently used by the MRS facility is the glove North previously recommended.

The ALARA Center was tasked with conducting an assessment of the Mobile Repacking System (MRS) Facility operations and concluded that OREX Deluxe disposable coveralls provide adequate worker protection when working in glovebox gloves.

The ALARA Center provided information to Catawba Nuclear Power Plant concerning removal of one inch thickness removal from 100 square feet of concrete floor. The Marcris Concrete Shaver available from Bluegrass Concrete Cutters is an effective and efficient tool. It must be connected to a HEPA vacuum system to control the dust and contamination. www.bluegrassbit.com/equipment/shav.html



The ALARA Center met with a representative from Industrial Hygiene to review the variety of coveralls available during work evolutions where heat stress is a factor.

The ALARA Center reviewed and provided comments to the site training material for Glovebag Installation and Removal.

Six personnel from SRS attended the "Hanford ALARA Workshop", ALARA at Work, at the Clarion Hotel, in Richland WA 7/18-19. During this two day event, there were more than 163 people in attendance, 29 presentations, and 23 vendors. The attendees also included people from Savannah River Doe Complex, Weapons Test site, Nevada, Puget Sound Naval Shipyard, INEL DOE Site and the Hanford DOE Site.

NEW VENDOR INFORMATION AND VISITS

The ALARA Center contacted Zada Technologies to get additional information concerning GammaBlok®, a non-hazardous radiation shielding alternative to lead. GammaBlok®, is totally lead free and can be made in molded, flexible and rigid form. It is manufactured under strict quality controls ensuring a reliable consistent density and attenuating value (Half Value Thickness for Cs-137 is 14 mm). It is fire tested, non-toxic, recyclable, strong, and durable. www.zadatech.net/radiation_shielding.html

Tony Marlow with Brokk Demolition Machines met with the ALARA Center and Liquid Waste personnel to discuss material cutting needs at SRS

Trip McGarity and David Mitchell with Frham Safety Products conducted a vendor demonstration on 8/18/06.

Karen Albers is the new person to contact at Encapsulation Technologies. Her phone number is (509) 531-2956. If you have questions concerning applying fixatives using an aerosol fog, please call her or check the website at www.fogging.com.

UPCOMING VENDOR DEMONSTRATIONS AND VISITS

A representative with Tiger Vac will visit the ALARA Center on 8/3/06 and meet with representatives from the SRS Ventilation committee to preview their line of portable HEPA vacuums.

Thermo Electron, 8/9/06, 735-2B, 1 PM – 2 PM

LESSONS LEARNED

The United States Government Accountability Office has issued a report on the Nuclear Cleanup of Rocky Flats titled, *DOE Can Use Lessons Learned to Improve Oversight of Other Sites' Cleanup Activities*, July 2006 <http://www.gao.gov/new.items/d06352.pdf>

The DOE Office of Environment, Safety & Health monthly publishes an Operating Experience Summary to promote safety throughout the Department of Energy complex by encouraging the exchange of lessons-learned information among the DOE facilities. www.eh.doe.gov/paa/oesummary/oesummary2006.html

POINT OF CONTACT

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