

SRS ALARA CENTER (AC) SEPTEMBER 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 FLUOR Hanford ALARA Center website is available at www.hanford.gov/rl/?page=973&parent=0

The ALARA Center provided the Defense Waste Processing Facility with a 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 provided Solid Waste with Orex Deluxe arm gaiters to evaluate. The arm gaiter is designed to be worn with the Orex Deluxe coveralls which are double sleeved from the wrist to the elbow. The air gaiter provides dual layer protection from the elbow to the upper arm area. It basically is a 14 inch sleeve with elastic on both ends and is worn over the coveralls.

The ALARA Center participated in a radiological Controls assessment of Liquid Waste facilities. The ALARA Center specifically reviewed activities at the Tank 37 transfer line leak repair job. Recommendations made include;

- Utilizing E.H. Wachs Co. tools for making tie end cuts
- Applying Bartlett PBS fixative in excavation high contamination areas
- Stocking WSRC Containment Fabrication Facility standard huts for emergency work

The ALARA Center provided the Hanford ALARA Center with information regarding the Unitech Unitrek rubber overshoes. Once the current SRS inventory of Tingley rubber overshoes are depleted, the Unitech rubber overshoes will be used exclusively.

The ALARA Center provided F-Area Tank Farm with EZ Reachers to handle radioactive samples in a glovebag. EZ Reachers are an extended tool used to reduce worker occupational radiation exposure.

The ALARA Center ordered lead blankets for shielding Personal Contamination Monitors (PCMs) in E-Area. The blankets have grommets along the ends and are hung on a fabricated metal frame to reduce the area radiation background. www.nfsrps.com

The ALARA Center determined for H-Canyon that Frham StayCool disposable coveralls are available with booties and elastic at the wrist but no hood. The part number is FSNCVY5908 followed by the size S through 5XL. www.frhamsafetyproducts.com

The ALARA Center provided Liquid Waste with an electric Desco FX Tool to decontaminate metal or concrete. The tool has three interchangeable cutter hubs for various surfaces and connects to a HEPA vacuum system to eliminate airborne radioactivity. www.descomfg.com



NEW VENDOR INFORMATION AND VISITS

Tiger Vac Inc. provided the ALARA Center with HEPA vacuum system literature and CD's. www.tiger-vac.com

G/O Corporation provided the ALARA Center with 5/16 inch diameter polypropylene rad rope and new product catalogs. www.gocorp.com

Unitech Services provided the ALARA Center and Liquid Waste with disposable SoftTech scrubs to evaluate as modesty clothing. www.U1st.com

On 9/28/06 E.H. Wachs Company conducted a seminar at SRS on their metal cold cutting tools. www.wachsco.com

UPCOMING VENDOR DEMONSTRATIONS AND VISITS

NFS Radiation Protection Services, October 10, 2006

G/O Corp, October 11, 2006

Thermo Electron, date to be determined

Attached is a link to information regarding the 2007 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

LESSONS LEARNED

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
Attached is the August 2006 report.

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