

SRS ALARA CENTER (AC) APRIL 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

In accordance with WSRC Manual 5Q1.2, Procedure 231, *Selecting Protective Clothing and Equipment*, the Unitrek rubber overshoes are now approved for radiological work. After current inventory of Tingley rubber overshoes are depleted, Unitrek rubber overshoes will be used exclusively.



NAME	CAPTION ITEM #	SIZE	COLOR
Unitrek	32-19826.00	Small (5-8)	Black
Unitrek	32-19827.00	Medium (8-10)	Yellow
Unitrek	32-19828.00	Large (10-12)	Orange
Unitrek	32-19829.00	X-Large (12-15)	Red

NOTE: Unitrek green rubber overshoes (see caption item numbers below) will replace the Tingley’s for work in non-radiological (clean) areas.

NAME	CAPTION ITEM #	SIZE	COLOR
Unitrek	32-19830.00	Small (5-8)	Green
Unitrek	32-19831.00	Medium (8-10)	Green
Unitrek	32-19832.00	Large (10-12)	Green
Unitrek	32-19833.00	X-Large (12-15)	Green

The ALARA Center recommended a Wachs Trav-L cutter for cutting large diameter stainless steel vessels 5/8 inches thick in H-Area. see www.wachsc.com/productspecs/Trav-L-Cutter_specs.pdf.

The ALARA Center provided HB-Line a Nilfisk GM-80I Vacuum System for localized ventilation during a grouting activity. www.pa.nilfisk-advance.com

D&D was provided a NFS free standing drum hood (GU17P) to support F-Area 800 Series Underground Tank D&D activities. www.nfsrps.com

The ALARA Center conducted a heat stress seminar for the Solid Waste LSIT team in E-Area. Demo Shafer Enterprises Cool Shirts and Glacier Tek Cool Vest will be evaluated by personnel in the field.

The ALARA Center visited L-Area complex to recommend paint for a concrete wall where efflorescence was present. Efflorescence is a powdery white salt deposit found on concrete due to moisture. A concrete surface preparation tool such as the Desco FX Flushplate connected to a HEPA filtered vacuum was suggested for wall preparation. A waterproofing paint that contains Portland cement such as Richards Rich Flex Pliolight Waterproof Masonry Coating or WaterTite Mod and Mildew Water-Proofing paint was suggested to coat the wall.

The ALARA Center participated in the Defense Waste Processing Facility (DWPF) Safety, Housekeeping & 10 Year Anniversary Celebration by having a tabletop display of various items from the ALARA Center.

The ALARA Center provided a rad engineer in Solid Waste with information regarding Ecomass which is a non-toxic high density compound that contains a poly material and tungsten. It is an alternative shielding material to lead that cost more but is cheaper to dispose of because it is not a mixed hazardous waste if it becomes radiologically contaminated. www.ecomass.com

NEW VENDOR INFORMATION AND VISITS

A no cost purchase requisition was issued to add a Nilfisk CFM 127 Vacuum System to the ALARA Center. A CFM 137 and explosion proof vacuum will be returned.

A no cost purchase requisition was issued to Frham Safety Products to display several RADeCO low volume and high volume air samplers in the ALARA Center. www.frhamsafety.com

On 4/12/06 Frank Givila with F&J Specialty Products, Inc. visited the ALARA Center and conducted a demonstration of a wide variety of their air monitoring equipment. The demo was attended by approximately 30 people. www.fjspecialty.com

Representatives from the ALARA Center and the Radiation Protection Services Department met with representatives from Salamatof Technology, Atlantic Government Services, and The Atlantic Group to discuss radiological subcontract work at SRS.

UPCOMING VENDOR DEMONSTRATIONS

The 2006 ALARA WORKSHOP will be hosted by CH2M Hill Hanford Group Inc. at Richland WA, July 18 & 19. Contact Owen Berglund or Lee Livesey (509-308-7650 or 509-376-9035). SRS will send five people to the workshop and make four presentations.

John Shannon with NFS Radiation Safety Products will visit the ALARA Center in May.

POINT OF CONTACT

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