

SRS ALARA CENTER (AC) JUNE 2007 ACTIVITY REPORT

ASSISTANCE, DEMONSTRATIONS, RESEARCH, AND TOURS

The SRS ALARA Center & SRS ALARA Program web-sites have been combined into one ALARA web-site. The external SRS ALARA Center website is posted at <http://irmsrv35.srs.gov/general/programs/alara/>. The internal SRS ALARA Center website is available in ShRINE at the ES&H Regulatory and Radiological Technologies web-site. www.srs.gov/general/programs/alara/

The FLUOR Hanford ALARA Center website is available at www.hanford.gov/rl/?page=973&parent=0

The ALARA Center was asked if the NFS-RPS MAC-21 HEPA filtration filters are SRS store stocked. The caption item number for the pre-filter is 50-16489.00 and the number for the HEPA filter is 32-2478.02.

The ALARA Center provided HTF with both a Bullard ISOTHERM Cool Vest and an Arctic Heat Cooling Vest to use and evaluate for potential use in heat stress environments. However, HTF personnel prefer the SteeleVest P/N SA1145 because of comfort and fit. It consists of six thermo strips (frozen ice packs) that are inserted into the six pockets. www.steelevest.com/

The ALARA Center ordered three buckets of rad barrier chain, #2 double loop, yellow and magenta with "EVERLAST" finish from G/O Corp for outside use in Z-Area. The product number is GZ1380. www.gocorp.com

The ALARA Center provided H-Canyon with twenty pairs of International Biomedical radiation attenuating gloves and ProGuard radiation reducing sleeves to be worn by workers to reduce extremity exposure during specified jobs. www.int-bio.com/gloves.php www.pnwx.com/Accessories/LeadProducts/Gloves/Proguard/

Below is a picture of a successful mock-up near TNX to cut 2 inch diameter stainless steel cooling coils in F-Area Tank Farm Tank 5. A Mega-Tech Blade Plunging Cutter (BPC-4HD) was modified by adding a hydraulic arm (red in picture) to position the cutter on the pipe. Bechtel also manufactured a hydraulic grabber (pictured in yellow) to hold the section of pipe after it was cut to control where it fell. The BPC-4HD was recommended by the ALARA Center to perform the cut and the display model from the ALARA Center was used to confirm it would work before one was procured.



The ALARA Center provided Solid Waste with a Jenkins Comfort Systems Eliminator Vest demo system for outdoor use to combat heat stress. Solid Waste evaluated the system and purchased enough for five workers. www.jenkinscomfor.com

The ALARA Center received samples of the following chemicals for potential use at SRS as fixatives and/or decon agents. Contact the ALARA Center to obtain samples.

- SoilTac Site MSDS 38529-1 www.soiltac.com
- CC Fix Site MSDS 38532-1 www.instacote.com/products.htm
- CC Strip Site MSDS 38533-1
- CC Wet Site MSDS 38531-1

The ALARA Center ordered 10"W by 14"L posting signs for F-Area Completion, DWPF, and H-Canyon signs for radiological posting (yellow background with magenta writing). The signs are guaranteed for 15 years against fading, chipping, peeling or cracking for outdoor use. www.gocorp.com

NEW VENDOR INFORMATION AND VISITS

On June 20, 2007 Rocky Ventitelli with Novatek Company visited the ALARA Center and was available to answer questions concerning their line of dust free cutting tools.

On June 28, 2007 John Shannon with NFS-RPS and Bill Wallach visited the ALARA Center to demonstrate operation of the Dover advanced crimping system designed to replace the twist-tie-tape and cut method. Site personnel were encouraged concerning potential applications for site use. However, we would have to use Dover proprietary polyethylene sleeving or have specific clamps made for our material. Below are pictures taken during the demo depicting how the system operates. Contact the ALARA Center for additional information.



At the request of the DOE Office of Engineering and Technology (EM-20), the SRS ALARA Center and Hanford ALARA Center will host a D&D Best Practices and Lessons Learned Training Workshop at the Savannah River Site on October 17, 2007. The one day training session will consist of a series of vendor demonstrations and a site tour of D&D efforts at P-Reactor.

The Hanford ALARA Center forwarded us information on the Fein MultiMaster. The tool vibrates and easily cuts plastic. This tool could be used during TRU Reprocessing work. www.feinus.com/multimaster/index.html

The ALARA Center received a CD version of the Waste Management 2007 Symposia proceedings. Contact the ALARA Center if you are interested in getting a copy.

Dave Welcher has been named the Technical Accounts Manager for Unitech Services replacing a similar position previously held by Heatherly Dukes who resigned from the company.

POINT OF CONTACT

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