

SRS ALARA CENTER (AC) FEBRUARY 2007 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

There is a new ISO Standard #21482 Ionizing Radiation Warning – Supplementary Symbol to be Published 15 February 2007. The symbol is intended only for placement directly on the source housing of IAEA Category 1, 2 and 3 sources. For an explanation of what types of sources fall into these categories, please see the International Atomic Energy Agency (IAEA) "Categorization of Radioactive Sources" document. http://www-pub.iaea.org/MTCD/publications/PDF/Pub1227_web.pdf

Below is a related article from a recent Health Physics Society Journal that includes a picture of the new symbol.



The ALARA Center provided Spent Fuels Rad Con personnel with Unitech Services stanchions and G/O Corp retractable tape and signs for use in radiological areas.

The ALARA Center met with an F-Area Tank Farm Construction Field Engineer who needed a tool to cut 2 inch carbon steel pipes in a tank. The Mega Tech Services Blade Plunging Cutter (BPC-4HD) in the ALARA Center was recommended. Construction performed a mockup using the ALARA Center BPC-4HD and determined that the tool would perform as required.

The ALARA Center provided Solid Waste RCO with a disk smear tool, large area smear tool, and an 18 foot extension pole to be used when performing surveys at an extended distance. Due to high demand additional materials have been received to assemble more tools.

The ALARA Center assisted D&D at Tech Day in Augusta, GA by providing a Desco Triple Head Scabber, Mega Tech Blade Plunging Cutter, and Trumpf Nibbler. These tools have been used by D&D and were on display at the D&D booth number 22.

The ALARA Center provided Central Labs RCO with a pair of radiation attenuating gloves and ordered several more pairs to be used during work on the high level trench drain. Bartlett PBS fixative was also provided for the same job. www.int-bio.com/gloves.php www.bartlettinc.com/sp.cfm?pageid=1760

The ALARA Center provided Soil and Groundwater Closure Project RCO with information concerning a G/O Corp sign guaranteed for 15 years against fading, chipping, peeling or cracking. The sign will be yellow background with magenta writing for posting a fixed contamination area. The sign is available in 5x7, 10x14, and 12x12. www.gocorp.com

The ALARA Center is having two new skid resistant pebble finish step-off pads with rubber mat backing manufactured. Both will be yellow background with magenta words. The words on one will read "REMOVE ALL OUTER PROTECTIVE CLOTHING BEFORE STEPPING HERE". The other will read "REMOVE OUTER SHOE COVERS BEFORE STEPPING HERE". Both signs will have the two stop signs (magenta background with the word "STOP" in white). Both signs were requested by Liquid Waste RCO.

The SRS ALARA Center received a DOE National Pollution Prevention Award for 2007 for DOE Best-in-Class. The award has been submitted for Pollution Prevention Star and White House Closing the Circle Awards which will be announced in the spring.

The ALARA Center received four Nilfisk GM-80 HEPA vacuum systems to be used by F-Canyon for TRU reprocessing work to clean HEPA filter metal screens. The vacuum systems HEPA filters were installed in the ALARA Center and the facility picked them up for use.

The ALARA Center was contacted by D&D who needed a tool to cut large quantities of rebar from concrete. In 2003 Cooper Tools demonstrated the cutter and accessories listed below that will meet their needs.

- H. K. Porter Hydraulic Rod and Bar Cutter part no. W11800
- Electric (110V) Hydraulic pump 1.5 HP part no.
- Hose - 20 ft. part no. W119581 cost \$305.32, 50 ft. part no. W119587
- Spring Balancer if desired part number 20658

NEW VENDOR INFORMATION AND VISITS

On 2/21/07 Jack Snell, Phillip Lantrip and Pat Flippen from Tri Tool Inc. conducted a demonstration of their Model 606SB Split Frame Clamshell cutter/beveller at the SRS 711-N Pipe Shop

On 2/22/07 Bill Pence and John Gruntfest with E.H Wachs Co. met in the ALARA Center with Liquid Waste personnel to discuss cold cutting tools. Tools of interest include the Guillotine Saw, Split Frame Cutter, Mill Rail Cutter, and End Prep Tool.

The ALARA Center hosted six personnel from West Valley Nuclear Services. The purpose of the visit was to review SRS use of Bullard PAPRs and Orex Deluxe disposable PPE. The group visited the Mobile Repacking System (MRS) Facility and the 705-C Respiratory Facility. Special thanks to Charles Lewis, Solid Waste RCO Area Manger, and Ed Kvartek and Heather Farrer, Industrial Hygiene Programs who provided assistance. Below is a picture of West Valley Nuclear Services personnel looking at the Bullard PAPR (Pictured left to right; Barry Lester, Kevin Slomba, Tom Ricotta, Karl Sanders, Mike Atkins, and Peter Cooney).



UPCOMING VENDOR DEMONSTRATIONS AND VISITS

John Shannon, NFS-RPS, March 14, 2007

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