

SRS ALARA CENTER (AC)

Engineered Solutions for Radiological, Safety & Industrial Hygiene Applications.

JANUARY 2009 ACTIVITY REPORT

ASSISTANCE, RESEARCH, AND TOURS

The external SRS ALARA Center website is posted at www.srs.gov/general/programs/alara/alara_center.htm

The internal SRS ALARA Center website is available in ShRINE at the ESH&QA 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 SRS Stores caption item number 32-2015.00 cloth smear can no longer be ordered. The new cloth smear caption item number is 32-23226.00.

The ALARA Center received one pair each of the Proguard radiation reducing gloves listed below from Pacific Northwest X-Ray Inc. They will be evaluated in the SRS Health Physics Services Calibration Laboratory. The site is currently using the International Biomedical radiation reducing glove that contains tungsten but the largest size available is a size 9 and they run small. The Proguard glove largest size is also a 9 but it is significantly larger than the International Biomedical radiation reducing size 9 gloves. International Biomedical has yet to make a glove larger than size 9 so the Proguard glove may be an option for personnel who can't wear the International Biomedical size 9. www.pnwx.com/Accessories/LeadProducts/Gloves/Proguard/

- Stock # RR1, 0.0088 inch finger tip thickness
- Stock # RR2, 0.012 inch finger tip thickness

The ALARA Center provided a Kestrel 1000 to radiation protection personnel in both L-Area Spent Fuels Project and K-Area Nuclear Materials Storage Operations.

The Cellular Bioengineering Decon Gel 1101 is now available in Decon Gel 1120 for applying with a 2600 psi Wagner Sprayer such as the 7.2 GPH Wide Shot Max. A 1 mm tip for high viscosity is also needed. Decon Gel 1120 is ONLY recommended for non-porous (1 – 2 coats) or semi porous materials (3-4 coats) with about 2 hours between coats. A coat is defined as the wet film thickness that results in a small amount of sag visible after a few minutes. Decon Gel 1121 can be applied using a Graco UltraMax 795, 3300 psi, 0.95gal/min, with a 0.021" tip commercial sprayer. Do not use a sprayer previously used to spray paint. The gel cleans out old paint that cannot be cleaned with water and clogs the gun filter. www.decongel.com

The ALARA Center is promoting a path forward for handling contaminated and/or damaged lead wool blankets. The NFS Lead Wool Blanket Refurbishment Center can refurbish lead wool blankets to a usable condition and they are license3d to accept contaminated shipments. Benefits include generation of less potential mixed waste and the cost associated with disposal, more cost effective than buying new lead blankets and overall reduction of the lead blanket inventory.

VENDOR INFORMATION & DEMONSTRATIONS

On 1/8/2009 Dave Welcher with Unitech Services visited the ALARA Center and was asked to provide the ALARA Center with heat stress testing data on the Protech Plus coveralls.

On January 7, 2009 Mark Dieterle with Quest Safety & Environmental Products was at SRS to display their new Q-Gard Quantumwear disposable coverall and their Barrierwear disposable coverall. Samples of the Quantumwear have been received and will be evaluated by Waste Area Management Projects (WMAP) and Deactivation and Decommissioning (D&D). www.questsafety.com/

Core Visual Technology is a new company offering remote visual inspection equipment such as crawlers, tank cameras, video probes, push cameras and field service. A demonstration at SRS will be scheduled for March 09 and equipment will be displayed in the ALARA Center.

The ALARA Center disseminated the following information to ALARA Center vendors at the request of The DOE Office of Environmental Management (EM).

2009 DOE Regional Nuclear Suppliers Outreach Event

March 17 & 18, 2009

Augusta, Georgia

The Department of Energy (DOE) Office of Environmental Management (EM), and the National Nuclear Security Administration (NNSA), will be co-sponsoring the 2009 DOE Regional Nuclear Suppliers Outreach Event. The DOE Savannah River Site will host this event at the Augusta Marriott Hotel & Suites in Augusta, Georgia.

Who Should Attend?

Suppliers who wish to provide their products and services to DOE for its projects and programs for both nuclear and non-nuclear applications. Services, for example, would include safety analysis, engineering, design, and construction. Examples of products include engineered items, piping, valves, pumps, heat exchangers, cables, electrical components, and duct work.

Executives and business development, sales, and marketing professionals will find the forum very informative and support potential expansion of their businesses into the DOE and commercial nuclear markets.

There is no registration fee for this event but you must register to attend.

Please see the attached invitational letter from Dr. Inés Triay, Acting Assistant Secretary for Environmental Management.

REGISTER ONLINE AT: www.prc8a.com/doernsoe



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