

SRS ALARA CENTER (AC)

Engineered Solutions for Radiological, Safety & Industrial Hygiene Applications.

JANUARY 2011 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 InSite at the ESH&QA Regulatory and Radiological Technologies web-site. www.srs.gov/general/programs/alara/

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

The D&D Knowledge Management Information Tool (D&D KM-IT) is a web-based knowledge management information tool custom built for the D&D community. The system was developed by Florida International University – Applied Research Center (FIU-ARC) in collaboration with the Department of Energy (DOE EM20), EFCOG, and the ALARA Centers at Hanford and Savannah River. <http://dndkm.arc.fiu.edu/dndkm/>

Tire Socks (photo below) are sold to general industry to protect finished floors from scuff marks caused by rubber. However, Tire Socks can be used in the nuclear industry to prevent tires from becoming contaminated when equipment must be used in contaminated areas. A sample is on display in the ALARA Center <http://www.tiresocks.com/>



The ALARA Center provided F-Area Tank Farm with a five gallon bucket of Bartlett PBS. A pump will be removed and sleeved from Tank 5 then placed in a transfer box. The Bartlett PBS will then be sprayed inside the box to fix and control contamination when the pump is removed and placed in tank 6. A 5 gallon was ordered to replace inventory taken from the ALARA Center.

The ALARA Center provided Saltstone Facility Radiological Protection Department (RPD) management with information to obtain Carboline ALARA 1146 Strippable Decon Coating. The SRS Stores caption item number for a five gallon bucket is 6-3150.00. The MSDS number is 27276-1. The Saltstone Facility will use it to remove beta-gamma contamination from the stainless steel troughs in Vault 4.

[http://msds.carboline.com/website/carbmsds.nsf/\(all\)/212F579D288EA4DF852572F2005ADD44/\\$file/Alara+1146+Cavity+Decon+PDS+10-09.pdf](http://msds.carboline.com/website/carbmsds.nsf/(all)/212F579D288EA4DF852572F2005ADD44/$file/Alara+1146+Cavity+Decon+PDS+10-09.pdf)

The ALARA Center ordered a set of Firefighter Bunker Gear Step-Off Pads for H-Area Canyon. Each are 140 mil rubber nitrile, 20" X 30", non-skid surface on both sides, white background. Instructions are specific for Clean Area, Cold Zone, Warm Zone, and Hot Zone.

The Hexarmor Glovebox overgloves available from Piercan USA are now available in Stores. The caption item number for the 20 inch long glove (part number HOG0408SF) is 32-25370.00 and the number for the 13 inch long glove (part number HOG0508SF) is 32-25371.00. Below are brochures for both gloves.

http://www.piercanusa.com/files/Download/HOG-0408SF_Sellsheet09.pdf

http://www.piercanusa.com/files/Download/HOG-0508SF_Sellsheet09.pdf

G/O Corporation has launched their new website <http://www.gocorp.com/index.php> with updated pictures and products. There is also a login and password that enables our customers to view their past and present quotes. If you have any questions or concerns about the new site contact G/O at sales@gocorp.com or call 800-933-8501.

The following internationally made Salisbury leather protector gloves (item number ILP3S) are now store stocked. Although designed to be worn over rubber insulating electrical gloves they can be worn over plastic suit gloves. They are made of top grain cowhide and have a nonmetallic buckle on a pull strap located at the wrist. Below is ordering information.

Size	SRS Store Caption ID Number
10-10.5	32-25367.00
11-11.5	32-25368.00
12	32-25369.00



The ALARA Center provided the Burial Ground with a piece of Bar Ray Lead Vinyl LeadX 1.00 mm lead equivalent (1/8 inch thick) to shield an x-ray machine on Pad 4. www.pnwx.com/Accessories/LeadProducts/Blockers-Shields/

The 5-gallon poly bottle holder (part number GH1321) from G/O Corp is now store stocked. The caption item number is 32-22542.00. OSR 4-864, *Poly Bottle & Catch Containment Initial Installation Checklist*, requires the bottle to be supported to prevent tipping over.

AMERICAN RECOVERY AND REINVESTMENT ACT (ARRA) SUPPORT

The ALARA Center was contacted by H-Area Canyon TRU Repack management who needed assistance concerning a personal protective equipment (PPE) issue. They use Frham yellow StayCool disposable coveralls but the lead time for delivery was not acceptable. Per ALARA Center recommendation, the same coverall in white was ordered. White was acceptable because single use disposable coveralls for radiological use are not required to be yellow. Five cases of both 3XL and 4XL were ordered.

F-Area TRU management has purchased the Bullard DUAL-COOL Climate Control Tube and Vest to combat heat stress. However, a single use disposable coverall is needed with a pig tail at the hip to permit the air line hose to pass through the coverall. Below is an order that was placed with Quest Environmental & Safety Products to purchase the recently designed coverall. Part number 01168PT size 5XL was not ordered but is available.

Product #	Qty	Size	Description
01164PT	5	XL	Quantumwear white single use coverall with attached hood/boot and pigtail, 30/case
01165PT	5	2XL	Quantumwear white single use coverall with attached hood/boot and pigtail, 30/case
01166PT	5	3XL	Quantumwear white single use coverall with attached hood/boot and pigtail, 30/case
01167PT	5	4XL	Quantumwear white single use coverall with attached hood/boot and pigtail, 30/case

The ALARA Center provided D&D with specific information to purchase six 15 pounds per square foot lead blankets each 2 foot by 3 foot. They will be used during dismantling of the Heavy Water Components Test Reactor (HWCTR). www.lancsindustries.com

The ALARA Center provided H-Area Canyon TRU Repack management with information to procure 20 pair of Hexarmor SteelLeather III sizes 2XL and 3XL gloves. They will be worn over plastic suit gloves. www.hexarmor.com/products/detail/steel-leather-iii/

UPCOMING VENDOR VISITS

Bluegrass Concrete Cutting Inc, 2/23/11, 766-H room TBD

ALARA CENTER POINTS OF CONTACT

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