

SRS INTEGRATED SAFETY SOLUTIONS CENTER (ISSC)
Engineered Solutions for Radiological, Respiratory, Safety & Industrial Hygiene Applications.

APRIL 2012 ACTIVITY REPORT

ASSISTANCE, RESEARCH, AND TOURS

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

The internal SRS ISSC website is available in InSite at the ESH&QA Regulatory and Radiological Technologies web-site. www.srs.gov/general/programs/alara/

Visit the Deactivation and Decommissioning Knowledge Management Information Tool (D&D KM-IT) at www.dndkm.org. The D&D KM-IT system has been developed and maintained by the Applied Research Center at Florida International University for the Department of Energy (DOE EM-44). It features the following topics: Hot Line, Lessons Learned, Specialist Directory, Technology, Best Practices, Vendors, Web Crawler, Picture Video Library, and ALARA Reports.

The H-Canyon Radiological Protection Department (RPD) work planner visited the ISSC in need of a tool for maintenance to cut sheet metal duct. A Trumpf N500 Nibbler was taken from the ISSC to complete the work and a replacement was ordered for the ISSC. <http://www.us.trumpf.com/products/power-tools/products/cutting-nibblers/trutool-n-500.html>



The ISSC provided information to the Department of Energy's Hanford Washington site concerning foaming products and techniques for use in pipes prior to cutting to control contamination.

The ISSC has added a display of the following New Pig products: absorbent booms, absorbent mats, Grippy absorbent mats and rolls. Product catalogs and brochures for these products are also available. http://www.newpig.com/us/?cm_mmc=R--capt--6.0--cont%2B&adpos=1t1

The ISSC provided assistance to the Construction Services Field Project Industrial Hygienist in selecting the following Fiberlock products to remediate an interior wall in N-Area.

Product	Quantity	Site MSDS#
Advanced Peroxide Cleaner	10 gallons	45528-1
ShockWave Concentrate	1 gallon	45521-1
AfterShock	15 gallons	45522-1

The ISSC provided the Burial Ground with information to procure fifty gallons of Decon Gel 1108. It will be applied to drum lids as a fixative coating prior to drilling into the lids to control radioactive contamination. Decon Gel 1108 is a peelable brush on gel for extremely heavy nuclear and toxic industrial chemical and radioactive decontamination. <http://decongel.com/>

The ISSC provided Burial Ground management with Peters Machine & Welding extended tools on display for a show and tell meeting with Savannah River Nuclear Solutions (SRNS) senior management. The tools will be used for TRU remediation work on Cell 11. <http://www.petersmachineinc.com/>

The ISSC met with Area & Soil Water Field Services personnel to discuss heat stress control options for subcontractors who will be working at Lower Three Runs creek. The 50 Degree Cooling Vest distributed by HTFx Inc. on display in the ISSC was the preferred product. The required ANSI Class II reflective tape is available. <http://www.htfx-inc.com/tech.shtml>

The ISSC provided the following American Ceramic Technology Inc. Silflex Iron Shielding information to Tritium RPD for shielding two source storage locations.

Item Number	Quantity	Description
1	1	Silflex Iron shielding 1'x3'x0.375" no grommets
2	2	Silflex Iron shielding 28"x28"x0.375" with grommets on each corner and the middle of each side
3	2	Silflex iron shielding 20.75"x28"x0.375" with grommets on each corner and the middle of each side
4	2	Silflex iron shielding 15.75"x10"x0.375" no grommets
5	1	Silflex iron shielding 14"x24"x0.375" with grommets on each corner and the middle of each side

The ISSC met with the H-Area Safety Engineer to discuss face shield options for Maintenance activities. Samples of the MSA V-Guard Accessory System and the Uvex Bionic face shields were provided for evaluation.

The ISSC provided Burial Ground personnel with information to procure one hundred Ergodyne Chill-It Evaporative Cooling Towels. The Chill-It towel is dampened to create a cooling aid significantly colder than ambient air.



The ISSC provided Central Laboratory RPD with two disk smear tools to be used by RPD technicians to conduct radioactive contamination surveys.

The ISSC provided the Savannah River National Laboratory (SRNL) with the following portable decon shower options.

- <http://www.shower-anywhere.com/Office-Shower-Stalls.aspx>
- <http://www.dqeready.com/productdetail.aspx?p=261>
- <http://www.hughes-safety-showers.co.uk/2362/categories/163/mobile---portable.html>

On 3/11/12 the Integrated Safety Solutions Center (ISSC) hosted the Honeywell Safety Products Regional Sales Manager and Southeast US Respiratory Specialist to discuss products to display in the ISSC. The visit also included a meeting with the Respiratory Protection Program Administrator and tour of the Respiratory Equipment Facility (REF).

INTEGRATED SAFETY SOLUTIONS CENTER POINTS OF CONTACT

Robbie Bates	766-H Room 1027	(803) 208-3601	robbie.bates@srs.gov
Ellen Parrish	735-B	(803) 952-5825	ellen.parrish@srs.gov