

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

AUGUST 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 Savannah River Nuclear Solutions (SRNS) Environment, Safety, Security, & Health (ESSH) Radiological Protection Department (RPD). http://www.srs.gov/general/programs/alara/alara_center.htm

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 is 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 following yellow polyethylene radiological use bags with magenta trefoils and the words "CAUTION RADIOACTIVE MATERIAL" are no longer available. Below are the specific sizes with Stores number and the replacement information.

Bag Size	Yellow rad bag ID number	Clear rad bag ID number (replaces yellow rad bag)
5"x12"x5-6 mil	32-17671.01	32-23607.00
7"x12"x5-6 mil	32-17672.00	32-23608.01
7"x12"x5-6 mil	32-17672.01	32-23608.01
10"x12"x5-6 mil	32-15603.00	32-23610.01
12"x14"x5-6 mil	32-17673.00	32-23611.00
14"x18"x5-6 mil	32-17676.00	32-23612.01
18"x30"x5-6 mil	32-17675.00	32-23615.01

The Ansell HyFlex CR+ (product number 11-501) store stocked glove has been replaced with the Ansell HyFlex 11-511. The 11-511 offers the same ANSI Level 4 cut protection but the EN388 puncture protection level is a three compared to a one for the 11-501. Improvements include redesigned finger length for greater comfort, dexterity, wear and flexibility and a more durable nitrile foam material. Solid Waste Management in E-Area ordered twelve pairs to evaluate and preferred them over the 11-501. Below are the Store information and a picture of the 11-511 glove.

Size	Stores	Caption	Item Number
8			32-17660.00
9			32-17661.00
10			32-17662.00
11			32-17663.00



The ISSC provided D&D with the following Nilfisk HEPA Vacuum systems to expedite clean-up of radiological and asbestos materials in building 690-N.

Quantity	Part #	Description
2	01790632	GM80I. GMPJ 115V HEPA Micro. Includes: Heavy duty fixed trolley, 32 mm neoprene hose, curved steel tube, (2) straight steel wands, dust brush, crevice nozzle, and wheel floor nozzle

The Personal Protective Equipment Oversight Committee (PPEOC) has approved the following items for use at SRS.

- New Pig Yellow Disposable Latex Boot for H-Area TRU work
- Piercan USU3DA1221-10D Radiation Reducing Glove
- Ansell GoldKnit Kevlar Glove Liner (70-200)
- Sperian Lightning L2N Neckband Earmuff (1011995)
- Ansell HyFlex 11-511 Glove

The ISSC developed a fiscal year 2012 overview of activities to include vendor visits and performance indicators. It is document number SRNS-J6700-2012-00295 and is attached below. 

On 8/1/12 the ISSC sponsored a Hand Safety (glove) presentation by a representative from Ansell. The presentation included two short videos, a discussion on glove rating standards, a display of new products. The presentation concluded with a question and answer session. Approximately forty people from Savannah River Nuclear Solutions (SRNS) and Savannah River Remediation (SRR) attended the demonstration.

On 8/7/12 the ISSC sponsored a River Technologies, LLC demonstration of the Norclean Model B1099N0 HEPA Vacuum System. It is available in a 2 or 3 motor configuration, dry or wet/dry application and can collect in the vacuum or a separate 30/55 gallon drum. The Model HU500 variable speed 500 CFM Ventilation Unit was also demonstrated. Approximately thirty-five people from Savannah River Nuclear Solutions (SRNS) and Savannah River Remediation (SRR) attended the demonstration. Pictured below is Mike Rivers on the right demonstrating features of the Norclean Model B1099N0 HEPA Vacuum System to Tim Gabriel of the SRS Ventilation and Filtration Committee.



The ISSC provided assistance to SRNL in the procurement of fifteen UniTech Cool Tech Scrubs (shirts, pants, and shorts) to combat heat stress. http://www.unitechus.com/media/pdfs/CoolTech_Scrubs.pdf

A list of PPEOC approved items over the last several years is now available electronically to SRS personnel. Below are instructions to the website.

- Insite
- Safety & Security
- Industrial Safety
- Personal Protective Equipment
- PPEOC Approved Items

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