

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

OCTOBER 2011 ACTIVITY REPORT

ASSISTANCE, RESEARCH, AND TOURS

As you have read above, our name has changed to SRS Integrated Safety Solutions Center (ISSC). The name change better reflects support of the Integrated Safety Management System (ISMS) and involvement in the core functions – Develop/Implement Controls and Feedback/Improvement.

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 D&D Knowledge Management Information Tool (D&D KM-IT) at www.dndkm.org to see the new features and enhancements that are being integrated and incorporated into this free tool developed to promote the exchange of D&D knowledge throughout the DOE complex. The website will soon be sporting a new look with even more user interaction; the result is a fresher appearance and more intuitive navigation. Also coming soon to the D&D KM-IT is a vendor management module that will provide a directory of commercial vendors who provide D&D related technologies, supplies, and services. While not a comprehensive directory of all the D&D vendors in the marketplace, the new module will provide an excellent starting point for researching the vendors who provide D&D products and services. The D&D KM-IT system has been developed by the Applied Research Center at Florida International University for the Department of Energy (DOE EM-44).

The ISSC ordered the following Wearwell anti-fatigue mats from MSC Industrial Supply Company for the Savannah River National Laboratory (SRNL) to evaluate for use in their laboratories.

Qty	Item #	Description
1	51555506	Wearwell Anti Fatigue Mat. Diamond Plate Sponge Cote 415 3 ft x 4 ft black w/yellow border
1	43123470	Wearwell Anti Fatigue Mat. UltraSoft Diamond Plate 414 3 ft x 4 ft black w/ yellow border
1	43123629	Wearwell Anti Fatigue Mat. 24/Seven Solid 570 3 ft x 4 ft black w/ yellow border

The ISSC ordered five pair of Kiran lead-free radiation protection gloves (size 9) to evaluate for potential use at SRS to reduce extremity exposure. The gloves are similar but less expensive than the International Biomedical radiation reducing gloves. Hopefully, the Kiran size 9 glove will be larger than that from International Biomedical.

The ISSC is supporting the SRNS Scaffolding Subject Matter Expert (SME) in finding a suitable replacement for the TelPro Tele-Tower Adjustable Work Platform during some work activities requiring work outside the platform area. A walkdown of specific jobs in the Tritium Facility was performed on October 5, 2011. Possible options are listed below.

- JLG 1930-ES www.jlg.com/en-US/Model.html?BaseProductLineNodeId=c662180a-b3fa-45f8-b066-07980981e2ba&ProductLineNodeId=f48b8d17-1de8-4502-bacc-622ebf725cfe&GroupProductLineNodeId=8fcc56ae-11b2-491c-95cc-9596fd056c3b&ModelId=8e5399fa-4de9-4b21-a195-1043a4ccc6f8&ProductRootMenuId=d39badf6-70c2-4fa3-a03c-268cb1f085d7
- Genie GS-1530 www.genielift.com/gs-series/gs-1930.asp
- JLG Lift Pod (one person lift) www.liftpod.com/en-US/products.html
- Genie GRC-12 www.genielift.com/grc12/default.asp
- JLG Axxessor DVL Series www.ableequipment.com/pdf/20DVL.pdf
- Excel Scaffold System www.excel Scaffold.com/products

- CupLock Scaffold System www.scaffoldsales.com/products/MP_MS_SS/cuplocks.html
- Safway Scaffold System www.safeway.com

The ISSC recommended Sherwin Williams DTM Acrylic paint for coating concrete vault walls in the Saltstone Facility.

The Deactivation and Decommissioning (D&D) organization contacted the ISSC in need of a twin blade safety knife for workers doffing the Dupont TyChem QC suit. The ISSC recommended the Raptor Safety Knife. Twelve of the safety knives were ordered. www.safetyknife.com/productspecsheet.asp?product=Raptor

Lynn Aurelius from Piercan USA visited the ISSC. Both the short and long Hexarmor Hot Box Overgloves (HOG) have been improved to increase protection to the back of the hand and to be more comfortable to wear. The new gloves will become available when current inventory is depleted.

The ISSC ordered the following G/O Corp access control items for the Health Physics Calibration Facility to be used in the High Bay area.

Qty	Part #	Description
1	GZ1058-N	Base 12" square w/bolt @ bottom
1	GZ1085-N	Pole 40" H x 5/8" diameter
1	GZ1911-N	Dual Hinge Swing Gate Only, Steel Color-black with retractable arm (20"-36") Note: Swing gate attaches to 40" pole.

The ISSC provided Palisades Nuclear Power Station temporary shielding information in preparation for their April 2012 outage.

The ISSC provided information to SRNL Homeland Security personnel to procure disposable coveralls, disposable booties, glove liners and gloves for upcoming training. A total of eighty cases were ordered.

The ISSC ordered the following G/O Corp items for use at Solid Waste.

Qty	Part #	Description
2	GJ1255-N	Clean Area Bunker Gear Removal Step-Off Pad
2	GJ1256-N	Cold Area Bunker Gear Removal Step-Off Pad
2	GJ1257-N	Warm Area Bunker Gear Removal Step-Off Pad
2	GJ1258-N	Hot Area Bunker Gear Removal Step-Off Pad
1	GJ1004-N	18"x36" yellow adhesive SOP (4 pads per case)

The Personal Protective Equipment Oversight Committee (PPEOC) met 10/4/11 with Defense Waste Processing Facility (DWPF) personnel to review their request to use Tingley Model 1300 rubber overshoes with an air supplied plastic suit for a limited number of activities within Contact Decontamination and Maintenance Cell (CDMC) where a potential puncture hazard may exist. The Tingley Model 1300 rubber overshoe is sturdier and has thicker bottoms than the Unitrek rubber overshoes currently used for radiological work. It was decided that no PPEOC action was necessary for DWPF to use the Tingley Model 1300 rubber overshoes. SRS Manual 5Q1.2 Procedure 231, *Selecting Protective Clothing*, allows for the use of Tingley rubber overshoes provided the toe is marked white or yellow. The DWPF plan is to control the use of the Tingley's on the RWP as a single use disposable garment which does not require unique marking. It was noted that 299-H is also considering the use of the Tingley Model 1300 rubber overshoes when working in their cell due to slip potential working on stainless steel floor coated with SC-200 decontamination agent. However, if 299-H uses them as a launderable item the toe has to be marked per procedure. Tingley no longer sells rubber overshoes with the marking on the toe. Unitech Services, SRS radiological laundry provider, can provide Tingley Model 1300 rubber overshoes with the painted toe.

The ISSC attended the 11/26/11 Integrated Safety Management Integrated Council (ISMIC) meeting and presented a powerpoint presentation providing an overview of The Center followed by a tour.

INTEGRATED SAFETY SOLUTIONS CENTER POINTS OF CONTACT

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