

## **SRS ALARA CENTER (AC) AUGUST 2006 ACTIVITY REPORT**

### **ASSISTANCE, DEMONSTRATIONS, RESEARCH, AND TOURS**

The external SRS ALARA Center website is posted at <http://www.srs.gov/general/programs/alara> . The internal SRS ALARA Center website is available in ShRINE by performing a quick search on ALARA or ALARA Center.

The “New” PPE Database describes personal protective and safety equipment available at SRS on the ALARA Program website available in ShRINE by performing a quick search on ALARA or ALARA Program.

The FLOUR Hanford ALARA Center website is available at [www.hanford.gov/rl/?page=973&parent=0](http://www.hanford.gov/rl/?page=973&parent=0)

The ALARA Center provided a Nilfisk GM-80 HEPA vacuum with variable speed control to ventilate a glovebag during the Co-60 source work in the Calibration Facility.

The ALARA Center provided Site D&D with Nilfisk VT-60 vacuum system accessories. This prevented work stoppage otherwise required to wait on material to be ordered and received.

The Unitech Unitrek green ambidextrous rubber overshoes are now available for site use. They have replaced the black Tingley rubber overshoes used for “clean area” work. The Stores caption item numbers are;

- 32-19830.00 (small)
- 32-19831.00 (medium)
- 32-19832.00 (large)
- 32-19833.00 ( X large)



The ALARA Center ordered four amplifier replacement assemblies for two of the Encapsulation Technology Passive Aerosol Generators (PAGs). These PAGs are used primarily in the F & H Area Tank Farms.

The ALARA Center provided Industrial Hygiene personnel with an Excel Spreadsheet (see below) of heat stress garments on display at the ALARA Center.

### **NEW VENDOR INFORMATION AND VISITS**

On 8/3/06 Charlie Smith, with Tiger Vac Inc. was at SRS and conducted a product demonstration of three of their HEPA vacuum systems. [www.tiger-vac.com](http://www.tiger-vac.com)

On 8/29/06 Andy Doyle with Nilfisk-Advance America was at SRS and conducted a product demonstration of their Nilfisk and CFM line of HEPA vacuum systems. [www.pa.nilfisk-advance.com](http://www.pa.nilfisk-advance.com)

Below is a link to the International Climbing Machine web-site. ICM has developed a technology to radically alter how elevated height work is performed. The remote-controlled device can scale virtually any vertical or inverted surface, and, because it is operated safely from the ground, humans are not exposed to dangerous heights or to dangerous chemical or toxin environs. The machine can climb walls, tanks, ships, building structures, dams, towers, etc. ICM machines can be employed on an array of dangerous missions, such as: lead paint removal, surface decontamination, removal of radiological/chemical/biological agents. ICM machines may also be utilized to perform testing, inspections and surveys. Immediate capabilities include video or Non-Destructive Testing (NDT). A demonstration was conducted at SRS last summer. [www.icm.cc](http://www.icm.cc)

Below is a flyer for the upcoming Canberra seminar at the Marriott in Augusta, GA October 3, 2006. In addition, a standard Basic Genie 2000 Gamma Spectroscopy Course will be offered on October 4-5 at the Canberra Training Office right outside SRS for \$299/person (A minimum of six students required to conduct the course). To enroll in this course please contact:

Nicole Guglietta  
Email: [nguglietta@canberra.com](mailto:nguglietta@canberra.com)  
tel: 203-639-2467

## **UPCOMING VENDOR DEMONSTRATIONS AND VISITS**

Thermo Electron, date to be determined

Radiation Shield Technologies, date to be determined

## **LESSONS LEARNED**

Boxes of coveralls labeled "100% POLYPROP" (manufacturer unknown) have shown up at Oak Ridge National Lab (ORNL) as an alternative to Tyvek type coveralls for use in a heat stress environment. However, use of the coveralls were not authorized for work in radiological areas. Below is a picture of the coveralls. Note that all Personal Protective Equipment (PPE) used at SRS must first be approved by the Site Personal Protective Advisory Group (PPEAG). The ALARA Center is a contact for submitting a PPE request for review and approval.



## **POINT OF CONTACT**

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