

Report Number 014
Month February
Year 2004

ESH-RPS-2004-00015

**SRS Radiological Operations Support Center (ROSC)
Radiological Technology Center (RTC)
February 2004 Activity Report**

Assistance, Demonstrations, Research and Tours

The development of a ROSC external web page is complete. The web page is available at (<http://www.srs.gov/general/enviro/rosc/index.html>). Additionally, the internal web page is being revised.

The Passive Aerosol Generator (www.fogging.com) from the ROSC continues to get extensive field use. Most recently, fogging and controlling contamination in a TRU cabinet in Solid Waste. The front panel was cracked and replaced. The transferable contamination level in the cabinet before fogging was 800,000 dpm alpha per 100 cm². The transferable contamination level in the containment hut was controlled to 1,000 dpm alpha per 100 cm².

The lap top computer and transmitters from the RTC is supporting the work of the Siemens TELETRAK Wireless Personal Dosimeters in building 772-F. The computer is running the monitoring software. The transmitters are sending electronic personal dosimeter measured dose rates from workers.

Input on agents used in the decontamination of in tank inspection cameras was provided. Of concern is the removal of a filmy residue that can typically form after wiping the surface. Additional investigation is on going.

Criterion Industrial Sales and Mine Safety Appliances conducted a seminar on combustible and toxic gas detection technology at the Savannah River Research Campus. Approximately 40 people attended the informative seminar. A no cost purchase requisition was issued for a hydrogen monitor system to be evaluated in H-Tank Farm.

The ROSC provided a NILFISK VT60 Mercury Vacuum to FDD for D&D work to remove mercury from a tank in TNX.

The ROSC provided Naval Fuels D&D personnel with air-less sprayer specifications to apply Bartlett Polymeric Barrier System fixative.

The ROSC recommended the use of G/O CORP Tack Cloth to cover floor area where an employee slipped on plastic. Tack Cloth is a 4-ply resin impregnated cheesecloth with the ability to engulf foreign matter on contact.

New Vendor Information, Equipment and Visits

The Waste Minimization Subcommittee used the ROSC for its February meeting and voting on generator proposals for set aside funds. The set aside funds provided the financial support for the upgrades to building 315-M along with various pieces of equipment.

The national Health Physics Society held its midyear meeting in Augusta. Robbie Bates presented the paper on improving engineering controls at SRS. Additionally, a booth was manned and a tour of the operations support center was provided (see attachment). The booth showcased several containment fabrication products. From the interaction, additional 40 individuals were added to the activity report distribution.

"Radiological Containment" and "Glove Bag Installation and Removal" training was conducted. And, access to the Radiological Containment Guide as a site wide reference for use was provided from the web site.

EVEREST VIT (everestvit.com) conducted a demonstration of their remote, visual inspection equipment in the ROSC. Their non-destructive testing products and services enable inspections of otherwise inaccessible and potentially hostile environments in a safe and cost-effective manner.

John Shannon from NFS-RADIATION PROTECTION SERVICES (nfsrps.com) was at the ROSC to discuss PERMACON

enclosures and localized ventilation with interested visitors.

Pete Richards, Jim Edwards, and Greg Kusterman were at the ROSC to discuss the latest technology in CUNO water filtration (cuno.com).

ALARA

The Personal Protective Equipment Oversight Group conducted its periodic meeting. Agenda items included the continued exploration and use of PROTECH 2000 coveralls, use of zippered lab coats in CLAB and NFPA70E compliant coveralls.

ALARA Goals for 2004 have been published and will soon be posted on the ALARA web site.

Coming Events of Interest

Brent Daugherty from Nuclear Filter Technology on 8-March

Arthur Desrosiers from Bartlett Nuclear Service on 23-March

HANFORD

A new product is being used by Hanford to fix contamination inside a rusty 61-foot diameter carbon steel tank located at the edge of the Columbia River. "Rust Doctor" (<http://www.therustdoctor.com/index.html>) was sprayed inside the tank and appears to have done a good job fixing the contamination trapped in the red rust inside the tank. The task is to remove the tank and not spread contamination to the river and shoreline.

Points of Contact

SRS Radiological Technology Center, Building 315-M, Aiken, SC 29808

FAX (803) 725-2803

SRS Paging System (803) 725-PAGE

Robbie Bates (803) 725-3935, Pager #14550

robbie.bates@srs.gov

Athena Freeman (803) 725-5030, Pager #16551

athena.freeman@srs.gov

Lee Smith (803) 725-3934, Pager #12977

lee.smith@srs.gov