

Report Number 008  
Month August  
Year 2003

**SRS Radiological Operations Support Center (ROSC)  
Radiological Technology Center (RTC)  
Activity Report Number 8, from 7/19 to 8/8/2003**

**Assistance, Demonstrations, Research and Tours**

The RTC loaned the Liquid Waste Disposition Project team two items for mock up testing. One, a CFM 137 HEPA vacuum from NILFISK and accessories and two, a DESCO Dust-Free F/X tool.

The RTC ordered two GM-80 portable HEPA vacuum cleaners from NILFISK for F Tank Farm to be used for work in contamination areas.

The RTC ordered a NILFISK VT-60 for FDD for asbestos abatement work in D-Area.

The RTC ordered fifteen (15 lbs./ft<sup>2</sup>) lead blankets from NUCLEAR POWER OUTFITTERS for the SALTSTONE low curie waste program.

The RTC received multiple expandable foam samples from Sealed Air Corporation for display in the ROSC.

The RTC continues to share information with the Naval Fuel decontamination and decommissioning team working in building 247-F.

Construction of the 800 square foot panelized enclosure (purchased with generator set aside funds) in the north end of building 315-M has started. The enclosure contains a training area and offices to support the ROSC activities.

The RTC continues to provide support to Solid Waste to arrive at and use a more breathable type of protective clothing. The purpose is to alleviate heat stress to personnel while performing work during the summer months. The OREX polyvinylalcohol clothing and the Jenkins Comfort System Eliminator Vest were previously tested. TYVEK blue dot disposable and PROTECH 2000 of UNITECH are currently being tested.

Additionally, the eliminator vests were demonstrated for H-Canyon Outside Operations.

The ROSC web page is being modified to include an electronic library, reference shelf.

For demonstration purposes, select foot traffic areas of the RTC floor were recently painted with a Sherwin Williams ArmorSeal 700 HS epoxy coating.

The extended energy Small Article Monitor (SAM11LE) is being returned to BICRON. The original intent of the SAM was to be used in FB Line releasing hand tools and other small (less than 15" x 15" by 18") pieces of equipment/materials.

**New Vendor Information, Equipment and Visits**

The RTC received several items from G/O Corp for display in the ROSC. The items included rope hooks and bungee cord, two magnetic mounts, two U-Channel sign holders for fence mount, and a strobe light stanchion fit. The rope hooks may have a CFF application.

David Miller of Carolina Material Handling Services demonstrated the operation of the Crown Wave Man Lift in the RTC. The man lift may have a Naval Fuel application.

**Coming Events of Interest**

NFS/RPS delivery of PERMACON building for display in August  
EXCEL Modular Scaffolding demonstration on 27-August  
ECOMASS TECHNOLOGIES demonstration some time in September

**Points of Contact**

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Report Number 009  
Month August  
Year 2003

**SRS Radiological Operations Support Center (ROSC)  
Radiological Technology Center (RTC)  
Activity Report Number 9, from 8/9 to 8/29/2003**

**Assistance, Demonstrations, Research and Tours**

The RTC continues to share information with the Naval Fuel decontamination and decommissioning team working on leveling building 247-F. Most recently, an effective means to remove ceiling tile supports was suggested from the ROSC and MEGATECH Technologies.

Erection of the 800 square foot panelized enclosure (purchased with generator set aside funds) in the north end of building 315-M continues. The HVAC system remains to be installed to complete the effort. The enclosure contains a training area and offices to support radiological operations and waste minimization / pollution prevention activities.

For demonstration purposes, various areas of the RTC floor were recently painted with Sherwin Williams coatings. High traffic areas in the south end of the RTC were coated with Armorseal 700HS Tile Clad Epoxy floor paint. The training area in the north end was coated with Corothane I HS aliphatic finish coating.

Meetings with the training point of contact [tony.whatley@srs.gov](mailto:tony.whatley@srs.gov) continue to be conducted. The purpose is a smooth transition of the training efforts of Radiological Protection Services from building 766-H to building 315-M.

Unseasonably cool and less humid weather during the summer has resulted in less heat stress environments for performing work. The support to Solid Waste in the use of more breathable type of protective clothing has been placed on hold. TYVEK blue dot disposable and PROTECH 2000 of UNITECH are the next types of protective clothing to be tested.

The ROSC web page continues to be modified. Most recently, a hot link [lee.smith@srs.gov](mailto:lee.smith@srs.gov) connection is included, all of the activity reports have been posted, and external access beyond SRS is being made available. To access the web page (internally to SRS), go to ShRINE (via Internet Explorer not Netscape) and do a quick search on ROSC.

RTC provided lead vests for H-Canyon to test and FB Line to use for work. FB Line originally provided the vests for display in the RTC.

The 2nd Quarter of CY 2003 Radiological Performance Indicator Report is located on the ALARA Website.

The RTC has been working with RBOF in cleaning / vacuuming their basins.

RTC provided HB Line with samples of shielding materials. The lead blankets, ECOMASS, and RADISHIELD, [www.i-i-s.net](http://www.i-i-s.net), materials can be used to shield a process system.

The RTC provided FDP information on a Burndy Products lightweight portable crimper for tubing and piping.

The RTC located and ordered a "Hovering Walking Stick" for F-Tank Farm. The walking stick provides an ergonomic means to hold a portable survey instrument probe when RCO is performing ground surveys.

A member of the RTC attended training on the operation of the In-Situ Object Counting System purchased with generator set aside funds by FDP. The purpose is to maintain knowledge in most recent trends in assay equipment.

**New Vendor Information, Equipment and Visits**

The site is moving forward to comply with NFPA 70E requirements for flame resistant clothing for workers exposed to potential flash arc hazards. This is an item for discussion at the Personal Protective Equipment Oversight Group

meeting on 8-September.

NFS / RPS, [www.rpsaec.com](http://www.rpsaec.com) , delivered and erected a sheet metal PERMACON building for display in the ROSC. PERMACON buildings are currently used as containment of radioactive materials in a number of locations across SRS including building 321-M. An advantage of the metal buildings is that they can be decontaminated and reused.

EXCEL Modular Automatic Locking Scaffolding demonstration and installed for display in the ROSC.

The use of a waste bag holder for fume hood work is being investigated. Tritium employee Baker White, [baker.white@srs.gov](mailto:baker.white@srs.gov) , described the prototype displayed in the RTC in IDEAS # 20092.

### **Coming Events of Interest**

ECOMASS TECHNOLOGIES, [www.ecomass.com](http://www.ecomass.com) , demonstration 17-September at 1 PM

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