

**From:** Eby, Jerald L

**Sent:** Monday, November 07, 2005 8:36 AM

**Subject:** ALARA Center Activities for the Week of October 31, 2005

**Attachments:** Microsoft PowerPoint - ALARA Logo.pdf; October 2005 Activity Report.pdf

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1. Dee Ekstrom and Carl Meineche of Facility Rad Prot Serv-D&D, visited the Center to discuss two upcoming work evolutions; removal of vermiculite (insulation material) covering radioactive material storage boxes for fire protection and removal of a stack probe from the PUREX stack. The insulation material is at Building 212-N, and constitutes a very large volume of material. Suggested, maybe looking at the guzzler vacuum unit for the retrieval. There have been some concern in the industry about vermiculite containing asbestos material. This information was passed on the Rad personnel. The second work evolution was to remove a stack probe from the Purex stack, 85 feet up the stack. The work is to be performed on a screw lift, which the support pad is being installed presently. The Center suggested installing a small glovebag with a sleeve to pull the probe into. Suggested making the bag of polyurethane, which is tougher and better to work with in the cold environment of winter, than PVC. Attachment to the stack can be by using stuckups (used by insulators to hang fiberglass insulation pads), a bolt on backing ring and RTV. Information received at the Center, stated the probe could weigh 10 to 200 pounds. T-Plant has in past used a spray adhesive that works good on concrete for attachment containment material. The Center will forward this information to the D&D folks.

2. Working with Mike Truex of PNL, who is supporting WCH in the 300 area. Additionally, Mike is setting up for vendor Demos on instrumentation for WCH to perform scans during the D&D process. Most of these demo will be at the Center. Insta-cote, a vendor of spray on polymers, called looking for a contact to forwarded information associated with Rocky Flats D&D to WCH for the D&D of 300 area and others. Called Mike about the request. Mike has taken over the position previously held by Suzanne Garrett.

3. The ALARA Center the monthly Site ALARA Chair meeting on Thursday, November 3rd. The meeting was well attended by personnel from across the site.

4. Rick Demmer from INEL called looking for some personnel experience of fogging canyons with encapsulation tech. Called CH2M and found a Nuclear process operator that was directly involved with the fogging of 244AR Canyon in 200 East Area a couple of years ago. Had INEL call the Nuc operator for further information.

Received from SRS the monthly report from the SRS ALARA Center. See attached file. Also, SRS sent a copy the a ALARA Logo, designed by SRS. See attached.

5. Bob Wilker from T-Plant called the Center looking for a vacuum cleaner that had an actual attached point for the supply and discharge. They were considering placing the unit in line with a HEPA system. All the vacuum cleaner the Center has, the discharges are routed through the motors for cooling or through portions of the vacuum. Suggested, if they really need the unit be a vacuum cleaner, look at purchasing a shop vacuum from Sears of some local supplier and stay away from the HEPA issue.

6. Three Nuclear Process Operators from PFP Ancillary visited the Center look for a means of fixing radioactive contamination inside a small piping group (pipes) which is housed inside a larger pipe and attached to to a glove box. Gave the workers a list of fixatives used at Hanford and MSDSs for a number of foam products.

Assisting PFP plastic shop in finding tape that sticks well with polyurethane. There appears to be a couple of different polyurethane product. Some material, tape seems to stick better than others. This issue is on going.

#### **VENDORS CORNER**

There will be a vendor demonstration of a product called NUCAP at Hammer facility Friday, November 11th. Time to be TBA. The Center will send out another notification when information is available. NUCAP is a fixative, former name EKOR, that has been used in Russia.

#### **FOR YOUR INFORMATION**

Larry was gone this week to Washington D.C. for the Electrical Facility Contractor Group meeting and will be gone this next week for vacation. He will be back in the office November 14th.

#### **Jerry Eby**

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