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Sent: Friday, April 14, 2006 1:22 PM

Subject: ALARA Center Activity Report for April 10, 2006

Visit our web site at: <http://www.hanford.gov/rl/?page=974&parent=973>

1. Rick Wojtasek from waste retrieval visited the Center to gain information on designing a glove bag for venting drums. The Center went through the work process with Rick and made suggestions on designing a glove bag for the task. The Center suggested a number of do's and don't in the design of the bag. The Center suggested that once the initial design is completed, Rick should get with the operations folks and RadCon that are going to perform the work for their in put. The Center will be available to meet with the retrieval group on future meetings on this project.
2. D. John from SNF visited the ALARA Center and discussed methods available to decontaminate areas and materials. Provided copies of several documents on CO2 decontamination. Talked to J. McDonnell from NFS/RPS concerning his support for WCH and Fluor. See additional information in the Vendors Corner below.
3. The Center held a Basic Glove Bag class (020729) this week. The class members were from Waste Retrieval and K-basins, with three RCT/HPT's and three NCO/ops in attendance.

FOR YOUR INFORMATION

1. Last week's ALARA Activity report discussed problems with the Euroclean UZ-948 HEPA filtered vacuum cleaner. These units have wiring problems and have lost their approval by a Nationally Recognized Testing Lab (Underwriters). FFTF has decided to dispose of their UZ-948 that was used for asbestos removal. R. Berk called and said that D&D had five of these units but none were in use at this time. They will take action to dispose of the units or upgrade the wiring. See attached Electrical Safety Bulletin from 2001.
2. P. Case from Fluor Safety is trying to find out if any contractor or facility is using disposable Fire Retardant protective clothing. If so, please call him at 376-1168.
3. Forwarded a report written at Los Alamos on Personnel Contamination Incidents Involving Protective Clothing to W. Smoot of CH2M. He is working on improving working conditions in Tank Farms during the summer months. Read report at <http://www.osti.gov/bridge/servlets/purl/399712-XcBWY2/webviewable/399712.PDF> Forwarded a report on Decontamination Techniques used for Decommissioning Activities to J. Bell of WCH. Read the report at <http://www.nea.fr/html/rwm/reports/1999/decontec.pdf> He is trying to find a list of stripping solutions used at Hanford as part of decontamination processes.
4. The following link leads you to the latest DOE Operating Experience Summary. There are two articles that concern fires and one that reports on a lock/tag problem. On page 3 there is a link to a DOE Handbook on *Spontaneous Heating and Pyrophoricty*. The fires were caused by poor housekeeping and pyrophoric materials. See <http://www.eh.doe.gov/paa/oesummary/oesummary2006/2006-03screen.pdf>
5. A reminder, dates to remember, May 23rd and 24th, Health and Safety Expo at the TRAC in Pasco and July 18th and 19th, the Hanford ALARA Workshop, at the Clarion Hotel in Richland.

VENDORS CORNER

John McDonnell from NFS/RPS was on site for the three days. He was working with WCH in the 300 Area with some new 1600 cfm exhausters they had purchased. He was also working with WRAP, 100K, PFP, and T Plant personnel on ventilation issues. He also spent time with the Center staff discussing

issues he was dealing with on site. He is presently working with personnel from trying to solve ventilation problems and selling additional portable ventilation systems to WCH.

CONGRATULATIONS

The Columbia Chapter of the Health Physics Society presented the following awards for 2005:

Health Physicist of the Year- Susan Winslow from Dade Moeller & Associates

Operational Health Physicist of the Year- Owen Berglund (CH2M) and Tracy Eaton (PNNL)

Radiological Control Technician of the Year- Ray French and Everett Gray from CH2M

Additional awards were presented to Terri Aldridge (Lifetime Membership) and Mickey Hunacek for Meritorious Service to the Columbia Chapter. Congratulations to all.

Jerry Eby

ALARA Center of Technology

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