

Fluor Hanford ALARA Center

Activity Report for September 17, 2007

Assistance, Demonstrations, Research, and Tours Provided by the Center

1. The Center provided a standard 4' x 4' glovebag to FFTF Radiological Control so they could evaluate its use for an inspection of contaminated equipment. Their plan was to open the glovebag for the craft performing the inspection so they could decide if it was possible to perform the work inside the bag rather than use respirators for the job. The Center still has ~ 10 new glovebags available for your use, contact us if you would like one.
2. The ALARA Center provided FH Training support by presenting a portion of the "ALARA for Technical Support Staff" class. FH Training teaches the course here at the ALARA Center, which includes an overview of how to implement the ALARA program and a tour of the Center.
3. A CH2MHill Waste Feed Radiological Engineer and Field Work Supervisor visited the Center to determine what equipment is available to condition the evaporator's floor and walls in preparation for coating. They were interested in surface conditioning equipment manufactured by DESCO (www.descomfg.com) and International Climbing Machines (additional information about ICM is located in the next section of this report). ICM was recommended because they have a remote machine that can perform decontamination activities, condition surfaces, and apply coating. The evaporator work is located in a high radiation area and is also highly contaminated. A photo of the work area is provided below.



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4. The ALARA Center continues to provide support for glovebag training as part of the RCT continuing training program. The course includes classroom training and a "hands-on" practical exercise for students to practice working with and inspecting glove bags.

New Process, Tools, or General ALARA Information

1. International Climbing Machines (ICM) developed a remote-controlled climbing machine with climb, clean and capture technology. The machine (pictured below) successfully decontaminated the walls of a Dryer Separator Pit at Exelon's nuclear facility in the Quad Cities. The average reduction in contamination levels were from 300K -20 mrad to 5K dpm/100cm². For more information about ICM visit www.icm.cc or call 607-288-4001.



2. The Hanford ALARA Workshop, scheduled for March 4-5, 2008, is located at the Clarion Hotel and Conference Center in Richland Washington. Please find an invitation for Presenters, Vendors, and Guests attached. This year's theme is "ALARA... From the Beginning." We hope to see you at the workshop.
3. The Center contacted the Boiling Water Reactor Owners Group to share ALARA information and Lessons Learned. We look forward to learning about their successes and will pass along ours.

Decommissioning and Deactivation Activities and Information

1. Larry Waggoner is representing the ALARA Center at the ANS topical on decommissioning, decontamination & reutilization and technology expo this week in Chattanooga Tennessee. He promises to include the latest in D&D news in the next report.

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2. DOE and Florida International University met this week to review the initial functional system requirements for the D&D website. The D&D website, designed for anyone looking for D&D information, has a question and answer section that will direct your specific questions to subject mater experts around the country. The D&D website is on schedule to be operational in February 08.

Contacts

Come visit us at the Fluor Hanford ALARA Center; we are located on the Hanford site at 2101M/200E/226. We will do our best to help you with your radiological engineering, ALARA, and D&D challenges. You can also send us questions, comments, and your lessons learned via e-mail or you can contact us by phone. Contact information is below.

Jeff Hunter (509) 373-0656, Cell (509) 948-5906, jeffrey_l_hunter@rl.gov
Larry Waggoner (509) 376-0818, Cell (360) 801-6322, larry_o_waggoner@rl.gov
Jerry Eby (509) 372-8961, Cell (509) 528-3094, jerald_l_eby@rl.gov

ALARA Center Website: www.hanford.gov/rl/?page=974&parent=973

Please help us keep our e-mail address list current by letting us know if you would like added or removed from our distribution, and by keeping us informed of any e-mail address changes. Thank you for your help. We look forward to hearing from you.

Attachments:

1. ALARA Workshop Invitation and Poster

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Attachment 1

July 16, 2007

Dear Prospective Vendor or Guest:

HANFORD ALARA WORKSHOP – “ALARA...From the Beginning”

You are invited to participate in the Hanford ALARA Workshop scheduled for March 4 and 5, 2008, at the Clarion Hotel and Conference Center in Richland, Washington.

The goal of this workshop is to promote the increased implementation of new and effective ALARA techniques in today's work environment while increasing attendees' knowledge of the availability of ALARA protective measures. Pre-registration for this event is required no later than January 15, 2008.

Registration fees are \$75.00 per person.

This workshop will include presentations from many of the Hanford contractors. It is our belief that your company or site has many interesting ALARA experiences to share and we would like to benefit from your experience.

If you are interested in presenting your ALARA lessons learned or success stories or simply attending to increase your programs ALARA effectiveness and/or awareness, please contact either:

Lee Livesey @ 509-308-7650/509-373-1975 or
Owen Berglund @ 509-376-9035/509-308-4962.

Respectfully,

O. D. Berglund, Chairman
Hanford ALARA Workshop

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Attachment 1

ALARA Workshop

ALARA... *From the Beginning*

March 4 & 5, 2008

Clarion Hotel & Conference Center, Richland WA

- **Enhance Knowledge of Applicable Lessons Learned**
- **Implementation Assistance for ALARA Program**



- **Share Technologies**
- **Latest Techniques & Practical Examples of Effective Work Planning**



Featuring: Approximately 40 Vendors & 35 Presentations

Workshop Fills Quickly!
Space for 150 Attendees Only!

\$75.00 per person - Registration Deadline is January 15th, 2008

For Registration or More Information, Contact Owen Berglund
Owen_D_Berglund@rl.gov or 509-376-9035