

**SITE ALARA COMMITTEE (SAC) and ALARA COORDINATOR
COUNCIL (ACC) MEETING MINUTES -8/23/11**

The Site ALARA Committee and ALARA Coordinator Council met on August 23, in 735-2B rm.126, from 3:00 – 4:00 p.m.

Attendees:

Brad Turley	Dave Potocik	Jenna Sexton	Russell Abbott
Brenda Green	David Wagoner	Jim Wilson	Sandra Dubose
Carol Hunter	Ellen Parrish	John Gall	Sean Barr
Chuck Sanders	Fred Dohse	Kevin Gallahue	Ted Padezanin
Cindy Head	Geoff Reynolds	Lynn Anderson	Thomas Smith
Cindy Lunsford	Gordon Quillin	Robert Becton	Tim West
Darrell Howe	Greg Tunno	Roy Windham	

The Quorum was met.

1) Introduction: Gordon Quillin

Gordon Quillin began the meeting by welcoming the attendees and reviewing the Agenda. It was established that there were sufficient voting members in attendance for a Quorum.



2) 2nd Quarter Performance Indicators: Ellen Parrish

The RPD Scorecard was utilized to provide the Performance Indicators for the 2nd Quarter. The PBIs are located in the Radiological Protection Scorecard. The following charts were reviewed:

- Site Cumulative Exposure vs. Goal
- Maximum Individual Cumulative Exposure
- M&O Internal Exposure
- LWO Internal Exposure
- M&O Personnel Contamination Events
- LWO Personnel Contamination Events
- SRS Historical Extremity Exposure

The Site Cumulative dose of 80.469 rem was within 10 % of the goal of 83.157 rem. The M&O YTD dose of 33.994 rem was within 10% of their goal of 34.581 rem. The LWO YTD dose of 41.066 rem was < 10 % of their goal of 41.696 rem. SRNL was ≥ 15 % of their goal of 6.13 rem, while WSI-SRS was ≥ 25 % of their goal of 0.75 rem.



The CYTD maximum whole body dose received in M&O was 404 mrem, 360 mrem in LWO, 170 mrem in SRNL, and 32 mrem in WSI-SRS.

The YTD maximum extremity dose received in M&O's K-Area was 7.595 rem and 23.604 rem in LWO's Defense Waste Processing Facility (DWPF).

The dose assigned to K-Area was from an employee from the Site Cranes, Rigging and Inspection group who had worn finger rings in another facility during the first quarter. The Rigger was assigned a TLND to inspect a crane in 910-B CAMS within K-Area. No finger rings were issued.

Note: An employee's dose is assigned to the area where the dosimeter is issued or where it is turned in. Example: A worker is assigned a job in SWM, picks up dose, then the next month goes to K-Area and turns the dosimeter in and picks up a new dosimeter to work a job. The dose picked up in SWM is now assigned to K-Area. Workers who are not assigned to a facility and enter multiple facilities to perform work should pick up their dosimeter at an INF location. One such location is in N-Area. Contact Brad Turley in ACP for INF locations.

The DWPF employee received the extremity dose during emergent equipment repairs on highly contaminated equipment in January 2011.

There were zero ORPS personnel contamination events in M&O and zero in LWO during the 2nd quarter. M&O has had five non-ORPS personnel contamination errors and LWO has had four FYTD through the 2nd Quarter.

There have been zero internal exposures in M&O and LWO.

See the attached charts or access Scorecard to view. 

3) +/- 25% Discrepancies: Facility Representatives

WSI-SRS reported that in the 2nd Quarter dose was lower than expected due to ongoing construction activities in K-Area which limited operational activities. The projected dose for the third and fourth quarters is expected to be about the same as the first two quarters.

LWO reported that the increased dose was due to the ongoing work at Vault 4 in Saltstone on the west side Leachate and Water Management system and that emergent repairs to the east side Water Management system have begun. Additionally, the facility expects to exceed their 2011 cumulative dose goal by 5 rem due to the emergent repairs. 

ACP reported that their discrepancy comes from 10 individual workers who are not assigned to ACP projects obtaining their dosimetry at the wrong site location. The ACP Radiological Protection inspectors will be alerted to only provide dosimetry to ACP employees and direct non ACP employees to there area that they support. 

4) ACL Increases: Facility Representatives

SWM increased the Administrative Control Level (ACL) for workers that are performing drum mining activities on containers that have higher dose rates than the drums in the previous 12 months. The ACL was increased based on their individual exposure ranging from 600 mrem to 1000 mrem. See attached document.



Saltstone increased the ACL from 500 mrem to 750 mrem for workers that are supporting the repairs to the west side Leachate line and Water Management activities at Vault 4 as well as the emergent work for the east side Water Management system.

5) ALARA and Safety Commodity Center: Ellen Parrish

The ALARA and Safety Commodity Center (A&SCC), at the request of the F-Area Tank Farm Local Safety Improvement Team (LSIT), has store stocked the Ansell white ThermaKnit Insulator Warmth Protection glove (32-25705.00). It will be used during the winter months as a glove liner under Anti C gloves. <http://www.ansellpro.com/main/productSearch3.asp?pid=127>

Additionally, the Site has put a freeze on ordering modesty clothing for the worker. 5B, 5.14.8 states: "Shorts, t-shirts, etc., worn under radiological protective clothing will not be company provided, and are the responsibility of each individual employee."

An employee may contact UniTech Services Group, Inc. to order the Cool Tech Modesty Clothing at their own expense. See contact information below.



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6) Discussion: All members

Jim Wilson discussed several injuries that have occurred in LWO. See the attached memo for details.



Choosing the right tool for the right job is very important. Scissors are not to be used to cut wire ties. Side cutters are the preferred tool. The black or red handled cutters are preferred since the smaller blue handled cutters are spring loaded to stay open which may pose a hazard. See the attached picture of the cutters and the store stock information.

