

SITE ALARA COMMITTEE (SAC) MEETING MINUTES -4/28/09

The Site ALARA Committee met on April 28, in 766-H rm.1003, 1:00 - 2:00 p.m.

Attendees:

Lynn Anderson	Trent Edwards	Johnny Lott	David Sanders
Kevin Baker	Jon Fagan	Jerry Marshall	Bill Tadlock
Janice Shelby-Bentley	Mignon Ford	Robert Minnick	Greg Tunno
Cork Blackshire	John Gall	Michael Negron	Frank Simonetti
Henry Bolen	Kim Hauer	Ted Padezanin	TV Smith
Rick Burns	Mike Holod	Ruby Parks	Jim Stafford
Michael Collins	Darrell Howe	Ellen Parrish	Roy Windham
Mike Conaway	Jeannette Hyatt	Terry Pifer	Wes Williams
Ken Crase	Kathy Johns-Hughes	Chuck Radford	

The Quorum was met.

1) Introduction: Jim Stafford

Jim Stafford began the meeting by beginning welcoming the attendees. Each member then introduced themselves. It was established that there was a Chair and sufficient voting members in attendance for a Quorum.

2) SRS Neutron Dose Methodology Changes: Ken Crase

DOE amended 10CFR8355 June 8, 2007 to incorporate ICRP 60 recommendations. The amended 10CFR835 made no changes in beta-gamma dose methods; however, changes were made to neutron dose methods that will increase neutron doses, and significant changes were made in internal dose methods (already implemented at SRS in 2006). The neutron doses will increase beginning with the dosimeter cycle starting January 1, 2010. Previous doses will not be changed. RPD is in the process of re-evaluating neutron doses in SRS facilities. Please see attached slides. Contact Ken Crase if you have any questions. 

ACTION: Present neutron dose methodology changes to FMF. **RESPONSIBLE:** Ken Crase **DUE DATE:** 6/18/09

3) 1st Quarter Performance Indicators: Ellen Parrish

- M&O ORPS PerCon Events total **0**. FYTD = 1
- M&O Non-ORPS PerCon Events total **0**. FYTD = 4

- M&O ORPS Area Contamination Events total **1**. FYTD = 1
- M&O Non-ORPS Area Contamination Events total **0**. FYTD = 0
- LWO ORPS PerCon Events total **0**. FYTD = 0
- LWO Non-ORPS PerCon Events total **0**. FYTD = 1
- LWO ORPS Area Contamination Events total **0**. FYTD = 0
- LWO Non-ORPS Area Contamination Events total **0**. FYTD = 0
- The 2009 Cumulative Exposure goal is 126 rem.
The 1st Qtr. total Cumulative Exposure goal is 32 rem.
The 1st Qtr. total Cumulative Exposure actual is 26 rem.
- The maximum individual 1st Qtr. dose in LWO is 217 mrem (HTF).
The maximum individual 1st Qtr. dose in M&O is 195 mrem (SRNL).
- The Maximum YTD Extremity dose in LWO is 6770 mrem (DWPF).
The Maximum YTD Extremity dose in M&O is 1784 mrem (HBL).
- FYTD Internal Exposures: >100 mrem = 0 & >500 mrem = 0

See attached Performance Indicators 

4) +/- 25% Discrepancies in ALARA Goals versus Actual Exposure: Facility Rep

HMD (HBL/HCA) HCAN is below estimated goal by 0.287 rem. HCAN has completed Super Kukla and performed normal routine activities in support of the canyon. HBL was 0.803 rem below the estimated goal because the solids in the HCAN receipt tank, 11.1 required the HCA DSA to be revised prior to processing, Phase II bulk NP flushes and Np sample returns were completed, and the low chloride DE3013 is on schedule.

ACTION: Assess dose after 2nd quarter and determine if goal for HMD can be adjusted.

RESPONSIBLE: Rick Burns and Ted Padezanin **DUE DATE:** 7/20/09

F/H Lab is 0.8 rem below estimated goal because MCU did not send as many samples as planned and the sample doses were lower than expected. Housekeeping and work in the Shielded Cells is behind scheduled and moved out to later in the year. A LWO representative stated that the number of MCU samples will increase and expected doses will be higher.

NMSP (K-Area) is 2.7 rem below estimated goal because the facility only received three of six Handford Acceleration shipments, KAMs fire suppression work did start up until April; Super Kukla material was moved to Presentation Point, and Cross

Functional Team recommendations for dose reductions were implemented.

SRNL is 0.9 rem below the estimated goal because the higher dose 3013 cans have not arrived and base routine operations that were averaged over last three years are subjective. SRNL expects increased dose in support of neptunium work and Am samples over the next few months. Additionally, unplanned work, such as the A-Cell Block crane failure, will result in additional dose.

SWMF is 2.2 rem below the estimated goal because the remote handling of higher dose drums did not begin until late Feb, syringe sampling was delayed until mid quarter, and less mining activities were performed due to scheduled employee vacations. Also, NDE/NDA work activity had equipment problems, less waste movement in HRA was performed, and Poly Box Retrieval did not handle high dose boxes.

LWO is 2.0 rem over the estimated goal. F-Tank Farm dose was under the goal by 0.748 rem due to work moved out to later in the year, H-Tank Farm dose was over the goal by 2.386 rem because the MCU outage continued into the 1st quarter, and Saltstone's dose was over the goal by 0.453 rem due to the grout pump failing.

WSI is 0.5 rem under the estimated goal due to a new security posture and changing requirements for manning of posts. Some of the manned posts are now response posts.

ACTION: At end of 2nd quarter assess the dose information and make determination if the goal of 2.0 rem can be adjusted. **RESPONSIBLE:** Lynn Anderson **DUE DATE:** 7/20/09

5) ALARA Technology: Ellen Parrish

The ALARA Center showed the SAC members the new cloth disc smears from G/O Corporation which is saving the company \$20,000 per year, a new SOP that is screen printed onto a rubber mat, and a new disposable coverall by Quest that has been assessed by SWBG and SDD asbestos workers and is scheduled to be assessed in FTF. Workers like the new coverall. For more information please contact the ALARA Center, Ellen Parrish – 8-1027 and Robbie Bates – 8-3601.

6) Open Discussion: All