

May 11, 2010

SRNS-J6000-2010-00019

**SITE ALARA COMMITTEE (SAC) and ALARA COORDINATOR
COUNCIL (ACC) MEETING MINUTES -5/11/10**

The Site ALARA Committee and ALARA Coordinator Council met on May 11, in 766-H rm.1026, from 2:00 – 2:45 p.m.

Attendees:

Cork Blackshire	Jim Stafford	Mike Cothran	Scott Lonchar
Darrell Howe	Jim Wilson	Mike Holod	TV Smith
Ellen Parrish	John Gall	Mike Negron	Ted Padezanin
Frank Simonetti	Kathy Johns-Hughes	Patricia Allen	Tim Kerrigan
Fred Dohse	Kela Johnson	Rick Burns	Trent Edwards
Gordon Quillin	Lynn Anderson	Robbie Bates	
Henry Bolen	Mignon Ford	Roy Windham	

The Quorum was met.

1) Introduction: Jim Stafford

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

2) 1st Quarter Performance Indicators: Ellen Parrish


Ellen Parrish presented the 1st Quarter Performance Indicators. The maximum ORPS personnel contamination events for M&O were two and zero for LWO. For fiscal year to date (FYTD), M&O and LWO have both had four non-ORPS personnel contamination errors. The maximum whole body exposure received in M&O is 330 mrem and 246 mrem in LWO. The maximum extremity dose received is 1303 mrem in M&O and 5632 mrem in LWO. The year to date (YTD) cumulative exposure for M&O is 14 Rem, for SRNL it is 2.5 Rem, for WSI it is 0.20 Rem, and for LWO it is 18 Rem. See the attached slides.




3) +/- 25% Discrepancies: Facility Representatives

SWM's actual dose received was 1.223 Rem over the 1st Quarter goal of 8.0235 Rem due to an accelerated work schedule and increase in the number of personnel supporting DUO and Pad 1 remediation.



NMM's (K-Area) actual dose received was 2.206 Rem under the 1st Quarter goal of 3.5 Rem due to the decrease in routine activities requiring support to change out batteries in the RFTID's and maintenance work on the cameras in the KAMS facility. 

Action 1: Review actual dose received versus the ALARA exposure goal at the end of the 2nd Quarter to determine if the ALARA exposure goal can be reduced in KAMS. C. Blackshire/K. Johnson Due Date: July 20, 2010

The SRR estimated exposure for the first quarter was 20.19 Rem. Actual dose received was 17.683 Rem. This was attributed to scheduled work being pulled forward (FTF), the addition of special work activities (FTF & Saltstone), and scope moved out in the schedule (HTF). SRR forecasts that their adjusted goal will be over by 3.1% if work proceeds as scheduled. 

4) M&O Common Cause Analysis Report: Gordon Quillin

Gordon Quillin discussed the common characteristics found by the M&O Common Cause Analysis Team of radiological events that occurred between September 2009 and February 2010. Here is a summary of the team's findings.

Following a period of nine months without an Occurrence Reporting and Processing System (ORPS) Reportable Personnel Contamination event, Savannah River Nuclear Solutions (SRNS) experienced a significant increase in radiological contamination events which included both personnel and area events. These events included seven (7) ORPS Reportable, eight (8) Non-ORPS Reportable, and four (4) Third Tier Bin radiological contamination events from September 01, 2009, through February 02, 2010. In response, Radiological Protection Department (RPD) management initiated a project to determine if these events were related through a Common Cause(s).

A multi-disciplinary team was formed with radiological protection subject matter experts, representatives from two of the projects within which these events had taken place, and a qualified causal analyst. The evaluation and analysis used the SRNS Standard for Causal Analysis as a structure within which data was collected to characterize each of the events. In addition to this tool, a "vertical" analysis was conducted on each event within ISMS, HPI, ConOps/Research, and Work Environment & Conditions frameworks. Following this vertical analysis, a "horizontal" or cross-cut analysis was conducted to identify common characteristics while the formal causal analysis sought common cause(s).

The Radiological Contamination Causal Analysis (RCCA) project was executed in four phases:

- I. Analysis Scope Definition
- II. Data Gathering and Review
- III. Data Evaluation and Causal Analysis
- IV. Conclusions, Recommendations and Report

See the attached slides. 

5) Upcoming HRA/VHRA and ALARA Assessments: Ellen Parrish

Ellen Parrish discussed two upcoming assessments within RPD. An assessment of the facility High and Very High Radiation Areas will be performed by the facility ALARA Coordinators which is due to be completed by June 30, 2010. Additionally, an ALARA assessment will be performed of each facility by the Site ALARA Coordinator which is due to be completed by July 31, 2010. Interviews will be conducted with the facility ALARA Coordinators and Work Planners. Additionally, the ALARA Coordinators were reminded to review the new revision of 5Q1.1-505.



6) Discussion: All members

Fred Dohse commented that the SAC meeting was a great opportunity for facilities to share information across the complex on ALARA activities and concerns.

Rick Burns, Operations Manager of HBL, asked when to expect the new replacement PSSD's for plastic suits. Jim Stafford stated that we should get them later this month for testing and they should be ready for use by the end of June.

Mr. Burns also stated that the vendor, North Safety Products, will be at SRNL on Tuesday, May 18, for two meetings, one focusing on the new North polyurethane/hypalon glove and the other to discuss the current tritium permeation issues through butyl gloves. The meetings will be held in 773-41A, Conference room 155 from 0900-1100 and 1230-1400. See the attachment for more details.



Jim Stafford discussed the new POMC charts: ORPS PerCons, ORPS Area, Intakes, and Cumulative Dose. These charts will be designed using the Scorecard approach and will be used to rank overall performance in these areas.