

CHANGE CONTROL BOARD (CCB) MEETING MINUTES – 12/10/2012

The M&O Change Control Board met on December 10, in 735-2B rm.106, 9:00 – 9:50 a.m.

Attendees:

Ellen Parrish, Greg Tunno, Fred Dohse, Paul Hunt, John Grove, Verne Mooneyhan, Kevin Gallahue, Mark Flake, Peyton Northington, Geoff Reynolds, Trent Edwards, Mike Lewczyk, Robbie Bates, Lynn Anderson, Mike Conaway, FR Abbott, Terry Pifer, Ruby Parks, Chuck Reames, Dennis Hadlock, Dan Burnfield, Page Courtney, Cork Blackshire, Matt Arnold, Ben Terry, David Sanders, Jenna Sexton, and David Wagoner

The Quorum was met.

1) Introduction: Greg Tunno/Ellen Parrish

Greg Tunno welcomed everyone to the end of year annual goal setting meeting and asked for a safety topic to begin the meeting. See the attached slides. 

Ellen Parrish reviewed the CCB charter and membership requirements, the CCB Quorum and asked the members to review the list to ensure that the correct names are on it, and requested that the members utilize the Change Control Request form when the facility requests an increase or decrease in the annual goal. Paul Hunt asked who was going to support the first question on the CC Request form which asks “Has the ALARA Center been contacted for ALARA initiatives?” Question one on the CC Request form has been revised to ask “**Has the Facility ALARA Coordinator been contacted for ALARA initiatives?**”

ACTION 1: Personnel support of the Integrated Safety Solutions Center **RESPONSIBLE PERSON:** Greg Tunno **DUE DATE:** 3/31/2012

2) Environmental ALARA Goals: Ben Terry

SRS Environmental ALARA Release Guides

DOE Order 458.1 requires the reporting and the integration of 10 CFR 835 (Occupational Radiation Exposure – ALARA) and Environmental ALARA for protection of the public and the environment. As discussed during previous briefings to the SAC, the existing tracking and reporting mechanisms have not changed as a result of implementing DOE Order 458.1.

Various federal regulations establish limits on the amount of radioactive materials that are allowed to be discharged to the environment. In addition to maintaining compliance with these regulations, SRS follows the ALARA philosophy of keeping radiation doses to the general public as low as practical by minimizing radioactive releases to the environment.

SRS accomplishes this goal each year by establishing challenging (i.e., realistic) site wide and area-specific Environmental ALARA Release Guides, which are set well below all applicable federal standards and then trending site radioactive releases against these guides on a monthly basis.

As part of the SRS Environmental ALARA Program, monthly release quantities from each radiological discharge point are used to calculate effective dose equivalents (EDE) to the maximally exposed off-site individual. The measured radioactive release quantities are multiplied by site specific dose conversion factors in order to calculate the EDEs. Every month the calculated EDEs for both atmospheric and aqueous releases are trended and compared individually to established area specific E-ALARA Release Guides, and collectively, to an overall site E-ALARA Release Guide. This monthly comparison, as well as year-to-date compilations, is documented in a Monthly Radioactive Releases Report. This report is issued within 45 days of the end of each calendar month.

The 2013 Savannah River Site (SRS) Environmental ALARA Guides for liquid discharges and airborne emissions are provided in the attached tables. These guides were provided by the Environmental Compliance Authorities who support each SRS Operating Area or Facility.

The recent issuance of DOE Order 458.1 and update to the SRS Land and Water Use document prompted the recalculation of the SRS Environmental ALARA Release Guides Dose Factors. The 2013 Environmental ALARA Guides considered.

Please see the attached Environmental ALARA Guides and slide presentation.



3) 2013 Annual Facility Goals: Facility Representatives

<u>FACILITY</u>	<u>Presenter</u>	<u>Approved</u>	<u>Changes</u>	<u>Goal (Rem)</u>
HBL	David Wagoner	Yes	None	3.975
HCA	David Wagoner	Yes	None	7.15
K-Area	Cork Blackshire	Yes	None	10.2
Spent Fuel	None	No		0.6
SWMF	Sean Barr	Yes	None	26.0
INF	None	No		2.0
EC&ACP	P. Northington	Yes	None	0.2
SRTE	Trent Edwards	Yes	None	0.4
F/H Lab	Terry Pifer	Yes	None	3.5
F-Area Ops	Terry Pifer	Yes	None	0.54
SRNL	Mark Flake	Yes	None	6.4
<u>WSI</u>	Lynn Anderson	Yes	None	<u>1.0</u>
TOTAL				61.965 Rem

An email was sent out to all voting members to review the justifications for the INF and Spent Fuel 2013 ALARA goals. All voting members approved the goals for both facilities.

The LWO goal for 2013 is 64.4 Rem.

The annual base routine operations cumulative exposure goal is 89 Rem. Exposure goals for special (non-recurring) work operations are maintained by calendar quarter. The preliminary special work goal for the year is 37 Rem. The total exposure goal for 2013 is 126 Rem. In comparison, the goal for 2012 was 173 Rem. The 2013 goal is a 27 % decrease from the 2012 goal. See the attached 2013 ALARA Goals. 

3) Summary

All requests from facilities in attendance were approved by the CCB. Spent Fuel (L-Area) and INF were required to submit their requests in an email to Ellen Parrish. Ellen then submitted these goals to the M&O CCB voting members for approval. The 2013 SITE ALARA Goals document will be forwarded to the Site ALARA Committee.