

**AGENDA**  
Advisory Board on Radiation and Worker Health  
Meeting of the  
**Savannah River Site Work Group**  
February 3, 2011

Cincinnati Airport Marriott  
2395 Progress Dr.  
Hebron, KY 41048  
859-586-0166

Conference Call Number: 1-866-659-0537  
Participant Pass Code: 9933701

**9:00 a.m.** Welcome and roll-call/introductions

WG Discussion

1. Discuss open SEC petition issues

- Matrix Issue 1: Thorium-232 dose reconstruction model for 1953-1965; SC&A present its Review and DCAS provide initial response
- Matrix Issue 2: Thorium (oxide) after 1964; DCAS present response to SC&A report, reprocessing, and other issues not covered in ORAU report 0046.
- Matrix Issue 3: Recycled Uranium; SC&A present review of DCAS July 2010 update.
- Matrix Issue 4: Dose reconstruction data for fission fragments: DCAS will develop coworker model addressing data adequacy for Am, Cm, Cf, including CW vs. NCW issue. Matrix Issue 9 -- Tritium coworker model to be addressed first – this should indicate path forward.
- Matrix Issue 5-7: Other radionuclides; same path forward as Issue 4 above.
- Matrix Issue 8: Coworker model for Polonium: DCAS summarize report under review.
- Matrix Issue 9: Tritium coworker model: SC&A present Review and DCAS report initial response, DCAS summarize soon to be released report “coworker part 2”
- Matrix Issue 10: Dose reconstructions for tritides: SC&A and DCAS report status of providing interview summaries and notes.
- Matrix Issue 11: Dose reconstruction approach for “exotic” radionuclides: General issue being addressed by Board; SC&A present memorandum identifying radionuclides in use at SRS and not already addressed under other matrix issues, DCAS report initial response.
- Matrix Issue 12: Internal dose incidents: SC&A present memorandum on incidents not covered by Site Profile Special Hazards Investigation Index; DCAS report initial response.
- Matrix Issue 13: Relationship between CW and NCW internal doses/OTIB 52; DCAS report status of OTIB revision. SC&A will review it.

- Matrix Issue 14: Open pan burning of contaminated solvents: DCAS report status of draft report addressing internal dose; external dose to be addressed under Issue 20.
- Matrix Issues 15-16: Use of adjustment factors for CW exposures: SC&A report -- See Issue 9.
- Matrix Issue 17: Neutron dose reconstruction up to 1961: DCAS report status.
- Matrix Issue 18: Neutron dose reconstruction from 1962-1971: DCAS report status.
- Matrix Issue 20: Exposure geometry in tank farm: DCAS report status, SC&A provide documents on this geometry.
- Matrix Issues 22-23: External dose reconstruction issues of petitioners: SC&A present report and DCAS report initial response.

2. Recap current action items and discuss timeframe

3. Schedule next work group meeting if feasible

Adjourn