

Savannah River Site Status Update

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Advisory Board on Radiation and Worker Health 114th meeting

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Status of Deliverables

#	Issue Topic	Deliverable	Initial Completion	Status
1	Co-worker Models	Initial or interim ORAUT-OTIB-0081 (Rev 3)	Oct . 2016	Nov. 2016
		Full ORAUT-OTIB-0081 (Rev 4)	Feb. 2017	Jun. 2017
2	Neptunium	ORAUT-RPRT-0065 – Np Operations	Aug. 2016	Sep. 2016
		ORAUT-RPRT-0077 - Identification	Sep. 2016	Nov. 2016
		ORAUT-RPRT-0080: <i>PuFF Construction</i>	Dec. 2016	Dec. 2016
3	Thorium	ORAUT-RPRT-0070: Thorium Exposures - 1972	Jan. 2017	Mar. 2017
		ORAUT-RPRT-0081: Thoron Exposures	Jan. 2017	Jan. 2017
4	Metal Hydrides	ORAUT-RPRT-0072: Metal Hydride exposures	Oct. 2016	Dec. 2016
5	Subcontractor Follow-up	Job Plan Evaluation of Construction work	Feb. 2017	Mar. 2017

Co-worker models

Revision 3 sent to Advisory Board on Radiation and Worker Health in November

Revision 4 of ORAUT-OTIB-0081 to contain all remaining radionuclides of interest¹

Schedule change due to need to code additional data

Scheduled completion June 2017

¹Plutonium, uranium, neptunium, mixed fission products, strontium, cesium, and cobalt

ORAUT-RPRT-0070: *Thorium Exposures post 1972 at the Savannah River Site*

- ✓ Post-1972 Thorium (Th) exposures report to describe SRS Th work and dose reconstruction (DR) methods from 1972-1980 and 1980-1995
- ✓ After May 1980, will support use of 10% of the DAC to bound the Th doses when Th operations and inventory were minimal (Evaluation based on air monitoring and contamination surveys)

Schedule change due to delay in receiving air monitoring data from SRS (All air data was received in September 2016 - 2 months)

Scheduled completion March 2017

Metal hydrides (tritides)

1. ORAUT-RPRT-0072: *Metal Hydride exposures at the Savannah River Site*
2. Discusses research work, operations, and the associated exposures to metal hydrides at the SRS

Schedule change due to additional classification reviews in August and October

Scheduled completion December 2016

Subcontractor follow-up

- NIOSH sampled the Job Plans and randomly selected 110 construction trades workers for follow up
- Data capture for radiological records conducted week of November 14, 2016
 - Radiological records located for most workers and submitted to SRS classification office for clearance

Once physical copy of records are obtained, analysis will be completed and provided to the SRS Workgroup

Scheduled completion for this effort is March 2017