

**SC&A Tasking:
Review of
Savannah River Site (SRS)
Subcontractor Records**

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**Status Briefing to the
Advisory Board on Radiation and Worker Health
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Issue

- SRS subcontractor records not yet validated and verified (V&V) for adequacy and completeness.
- In 2014, learned that subcontractor records kept separately in “company files” and migrated to electronic databases in mid/late 1980s.
- NIOSH has not been able to V&V these records via NOCTS and DOL databases.
- SC&A’s concerns are two-fold:
 - How complete are company files, particularly beyond the 1980s, when more work was outsourced?
 - To what extent was external dose information for subcontractors migrated to SRS databases being used by NIOSH, and can complete bioassay results be found for subcontractor where indicated?

NIOSH Current Approach

- Some 3,000 pages of construction job plans found for 773A for 1981–1985.
- As briefed in July, NIOSH intends to identify subcontractors from these job plans, select a suitable sample, and ascertain whether matching bioassay records exist.
- Advisory Board members expressed concern over scope of sampling review and whether this level of V&V would suffice, given the broad scope of operations and time periods at SRS.

SC&A Tasking

- SC&A tasked with expanding scope of V&V sampling to encompass additional time periods and facilities/operations at SRS.
- Preliminary plan provided to SRS work group and NIOSH, with conference call held September 26, 2016, to discuss approach and coordinate path forward.
- Plan calls for:
 - Using SRS online secure document search system (EDWS) to identify safe work permits, construction job plans, and any rosters including subcontractors for 1972–2007, with expanded focus on D&D, tank farms, canyons, etc.
 - Submit data capture request based on search results to SRS for box pulls; schedule onsite visit.
 - Screen boxes and select relevant records containing subcontractor ID information.
 - Match subcontractor personnel with both electronic databases (HPRED and HPAREH for external dose) and bioassay cards (on microfiche).

Remaining Question

Agreement on plan reached with one outstanding question:

What is an appropriate measure of adequacy for V&V “matching” – e.g., for what percentage of subcontractor workers should corresponding external dose and bioassay records be found?

Status

- Access to EDWS online document search system renewed and access granted to SC&A by SRS.
- EDWS search commenced and to be completed by Board meeting in Santa Fe; results to be coordinated with work group and NIOSH.
- Next steps – Submit data capture request to SRS for box pull based on records identified and coordinate onsite review date.
- Likely visit windows are first half of December 2016 and January 2017.
- Two-step process: (1) pull subcontractor identifiers for specified time periods and facility/operations, and (2) match identifiers with corresponding SRS dose records.
- Onsite review to be done in conjunction with NIOSH and work group.