

Centers for Disease Control  
National Institute for Occupational Safety and Health  
Advisory Board on Radiation and Worker Health (ABRWH)  
Subcommittee for Procedures Review

Tuesday, February 15, 2022

## Summary Proceedings

The Subcommittee for Procedure Reviews meeting convened via teleconference at 11:00 a.m. Eastern Time, Josie Beach, Chair, presiding.

## Attendees

### Members

Rashaun Roberts, Designated Federal Official  
Josie Beach, Chair  
Loretta R. Valerio, Member  
Paul L. Ziemer, Member

### Non-Members, Registered and/or Public Comment Participants:

Nancy Adams, NIOSH Contractor  
Dave Allen, DCAS  
Bob Anigstein, SC&A  
Bob Barton, SC&A  
Kathy Behling, SC&A  
Fin Black, SC&A  
Ron Buchanan, SC&A  
Grady Calhoun, DCAS  
John Cardarelli, DCAS  
Rose Gogliotti, SC&A  
Lara Hughes, DCAS  
Alek Kranbuhl, DCAS  
Lori Marion-Moss, DCAS  
Robert McGolerick, HHS  
Michael Rafky, HHS  
Lavon Rutherford, DCAS  
Tim Taulbee, DCAS  
Rutherford, Lavon, NIOSH ORAU  
Sisko, Jeannie  
Taulbee, Tim, NIOSH ORAU  
Vinson, Kathleen

## **Roll Call/Welcome - Dr. Rashaun Roberts, DFO**

Dr. Rashaun Roberts called to order the Subcommittee for Procedures Review at 11:00 am on February 15, 2022, via teleconference. A roll call of all Subcommittee members confirmed that a quorum was present. The quorum was maintained throughout the meeting. Dr. Roberts reviewed subcommittee members' conflicts of interests with respect to covered facilities. There were no conflicts with respect to the documents on today's agenda. Dr. Roberts turned the meeting over to Ms. Beach, Subcommittee Chair.

## **Carry Over Items from Feb. 13, 2019, Feb. 18, 2021, & Nov. 3, 2021 SPR Meetings**

### **ORAUT-OTIB-0006, "Dose Reconstruction for Occupational Medical X-ray Procedures"**

Ron Buchanan presented SC&A's update on the review of this document. DCAS issued Rev. 6 of the subject document, in part, to address 7 observations from SC&A's review of Rev. 5. The Subcommittee had closed 5 of the observations at its February 2021 meeting. DCAS and SC&A exchanged information after that meeting and based on that SC&A recommended closing the two remaining observations. The Subcommittee agreed and closed the observations.

### **ORAUT-OTIB-0011, "Tritium Calculated and Missed Dose Estimates"**

Ron Buchanan, SC&A, reported that any findings and observations related to this document had been closed previously. After discussion among the Subcommittee, SC&A, and DCAS, the Subcommittee decided that the necessary action was to include closure discussions in the "Board Review System (BRS) matrix". Information in the BRS matrix will then be added to the application that succeeds the BRS when the Cybersecurity Update Initiative is completed.

### **ORAUT-OTIB-0001 "Maximum Internal Dose Estimates for Savannah River Site (SRS) Claims"**

Kathy Behling, SC&A, led the discussion of this document. OTIB-0011 was cancelled years ago and was replaced, at least in part, by OTIB-0018. One finding that was recorded as an OTIB-0001 finding really pertains to OTIB-0018. The Subcommittee, SC&A, and DCAS have discussed the finding, but it has not been closed. The Subcommittee decided to transfer the finding from OTIB-0001 to OTIB-0018 and keep it in progress. DCAS is revising OTIB-0018, so the Subcommittee will revisit this finding when the OTIB-0018 revision is published.

### **ORAUT-TKBS-0060, "Site Profile for Grand Junction Facilities"**

Alek Kranbuhl, DCAS, presented DCAS's response to five observations from SC&A's review of this document. DCAS agreed to revise TKBS-0060 in response to Observations 1 and 2. SC&A and the Subcommittee agreed with the proposed revisions, so those observations were placed in abeyance. For Observation 3, DCAS will provide SC&A access to a worker interview about the operation of the radon calibration chamber and the operating procedure for that chamber. That observation is in progress. DCAS and SC&A will evaluate Observations 4 and 5 further. Those observations are also in progress.

## DCAS-PER-087, “Clarksville and Medina Modification Centers”

Tim Taulbee, DCAS, provided an update on DCAS’s efforts to respond to Finding 1. DCAS must acquire additional dosimetry information from Sandia National Laboratory in order to complete its investigation. The finding remains in progress. DCAS agreed with Observation 1 and agreed to clarify language in the PER. That observation is in abeyance. Kathy Behling, SC&A, pointed out that Finding 1 for PER-087 was a restatement of Finding 7 from SC&A’s review of the Clarksville/Medina TBD. After discussion, the Subcommittee, SC&A, and DCAS agreed it would be easier to track progress on this item under the Clarksville/Medina TBD. For that reason, the Subcommittee closed the discussion of PER-087. The Subcommittee will continue to track the finding under the Clarksville/Medina TBD.

## ORAUT-OTIB-0088, “External Dose Reconstruction”

Ron Buchanan, SC&A, described the results of SC&A’s review of Rev 2 of the subject document. SC&A’s review focused on determining if Rev 2 had addressed 5 observations that resulted from SC&A’s review of Rev 1. Tim Taulbee, DCAS, described DCAS’s continuing efforts on OTI-0088, and suggested that the Subcommittee make these changes in observation status:

- Change Observations 3’s status from closed to in abeyance
- Change Observations 4’s status from in abeyance to in progress
- Keep Observation 5’s status as in abeyance

The Subcommittee agreed with those recommendations.

## **Newly-issued SC&A Reviews**

### Battelle-TIB-5000 “Default Assumptions and Methods for Atomic Weapons Employer Dose Reconstructions”

Dr. Robert Anigstein, SC&A, presented the results of SC&A’s review of Battelle-TIB-5000, SC&A developed 13 observations during their review. This document was published in 2007, and SC&A acknowledged that DCAS might not be using its information anymore. After Dr. Anigstein’s presentation, Dr. Tim Taulbee, DCAS, confirmed that DCAS no longer used much of the guidance in Battelle-TIB-5000. DCAS is considering cancelling it but is reviewing it to determine that any guidance currently being used has been incorporated into later documents. The Subcommittee considers these observations in progress until it receives additional information from DCAS.

## DCAS-PER-045, Subtask 4 “Aliquippa Forge TBD Revision” case review

Kathy Behling, SC&A, described the history of revisions to the Aliquippa Forge TBD, and PER-045, which was generated by Rev 1. At the time SC&A was tasked to review PER-045, they had not reviewed the Aliquippa Forge TBD, so a review of Rev 1 of that document was included in the PER-045 review. The review of Rev 1 of the TBD resulted in 8 findings and 2 observations. The Subcommittee discussed Rev 2 of the TBD at its May 2016 meeting and agreed to close some of the findings at that time.

The object of SC&A's presentation at this meeting was the case review from PER-045. After reviewing a PER document itself, SC&A then reviews a selection of claims that were re-worked because of the PER. The number of claims they review can vary from one to several. The objective is to find a claim or set of claims that include all the technical changes that gave rise to the PER. For PER-045, SC&A reviewed the dose reconstruction for one claim. That review did not result in any findings or observations, and the Subcommittee agreed with that result. Due to time constraints, the Chair decided to carry PER-052, PER-0059, and PER-0062 over until the next Subcommittee meeting. Preparation for Full Board Meeting: Review of Technical Guidance Documents Ready for Full Board Review. Due to time constraints, the Chair decided to carry PER-052, PER-0059, and PER-0062 over until the next Subcommittee meeting.

## **Preparation for Full Board Meeting: Review of Technical Guidance Documents Ready for Full Board Review**

The Subcommittee decided to present several documents at the next Board meeting. The Subcommittee has completed its discussion on these documents, but it has not yet presented them to the full Board for concurrence.

## **Newly-issued Guidance Documents and Supplemental topics**

The Subcommittee tasked SC&A to review the following documents:

ORAUT-RPRT-0097, rev. 00, “Breathing Zone to General Area Air Concentration Ratios in Small Workrooms”

DCAS-PER-092, rev. 0, “Weldon Spring Plant”

DCAS-PER-093, rev. 0, “Texas City Chemicals, TBD Rev.01”

SC&A proposed several changes that would improve the functionality of the Board Review System (BRS). These changes will be considered during the development of the application that will succeed the BRS.

SC&A requested that they be added to notifications of cancelled documents, revised documents, and new documents. DCAS agreed to do that.

SC&A requested similar notification about issuance and changes to Dose Reconstruction Templates. DCAS provided a list of Dose Reconstruction Templates in 2018, and re-sent it to SC&A. That list will be discussed at the next Subcontractor meeting.

SC&A suggested that the successor to the BRS include information from the full Board discussion of documents that the Subcommittee presents.

SC&A noted that there have been findings that were closed when they should have been placed in abeyance. When the BRS successor application is available, the Subcommittee will revisit the findings that SC&A has identified.

SC&A also noted that the BRS successor should have a method for capturing Board discussion and questions, so that the Subcommittee can follow-up and get back to the Board.

SC&A has reviewed the transcripts of all Board meetings where the Subcommittee recommended closing document reviews. They have captured any comments Board members made at those meetings. The collection of comments will be provided to the Subcommittee members.

## **Next Meeting/Plans**

The Subcommittee decided to plan the next meeting and specify any additional SC&A tasking via email.

## **Meeting Adjourned**

The Subcommittee adjourned the meeting at 3:41 pm.