# History of Advisory Board Review of ORAUT-OTIB-0052

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# Background

- ORAUT-OTIB-0052, “Parameters to Consider When Processing Claims for Construction Trade Workers”
- Provides guidance for developing a coworker (now coexposure) model for unmonitored construction trade workers (CTWs)
- Multiple revisions, SC&A reviews, PERs, & Board discussions
- May 25, 2022, Subcommittee for Procedure Reviews (SCPR) tasked SC&A to present the history, reviews, presentations, and outstanding issues of OTIB-0052 and related documents

# OTIB-0052 chronology, 2007–2011

- **ORAUT-OTIB-0052, rev. 00 PC-1**, January 16, 2007
- **SC&A draft review of ORAUT-OTIB-0052, rev. 00**, July 3, 2007
  - 16 findings
- **OCAS-PER-014, rev. 0**, November 28, 2007
- **ORAUT-OTIB-0052, rev. 01**, February 17, 2011
  - to address 5 of SC&A's 2007 findings
- **SC&A draft review of ORAUT-OTIB-0052, rev. 01**, July 11, 2011
  - Of 16 2007 findings, 6 closed, 3 transferred to ORAUT-OTIB-0020 review, 1 in abeyance, & 6 in progress

# OTIB-0052 chronology, 2012–2018

- **SC&A's draft review of OCAS-PER-014, rev. 0**, March 16, 2012
- **ORAUT-OTIB-0052, rev. 02**, July 24, 2014
- **DCAS-PER-062, rev. 0**, November 2, 2017
  - in response to the issuance of rev. 01 and 02 of OTIB-0052
- **SC&A's draft review of DCAS-PER-062, rev. 0**, May 31, 2018

# 2013 Advisory Board discussion

- March 12, 2013: SCPR presented OTIB-0052, rev. 00 and 01, to Board
  - 16 findings (refer to table 1 of accompanying handout)
- Board discussion raised questions about how OTIB-0052 is being used and interpreted by dose reconstructors (summarized on next slide)
- Requested followup discussion at next Board meeting did not take place

# 2013 Advisory Board questions

- How were the CTW ratios established?
- Is there validity in establishing such a ratio?
- What kind of evaluation quantitatively needs to be done when applying this or determining whether to apply this at a particular site?
- Who made the decision that we were going to put construction workers in a category of using coworker data?
- Why are we using coworker data for unmonitored workers, when it appears these people should just be put into a Special Exposure Cohort?
- What is the science behind the 1.4 correction factor?
- Do you apply correction factor to every job title in the construction industry?
- How it is OTIB-0052 being used, and where is it being applied?

# 2017 Advisory Board discussion

- December 13, 2017: SCPR presented OTIB-0052, rev. 02, to Board
  - Resolution of original 16 findings from 2007 SC&A review
- Board discussion raised additional questions that NIOSH promised to follow up (summarized on next slides)
- NIOSH has not yet presented resolution of Board questions to the Board

# 2017 Advisory Board question 1

**Board question**

- It appears there may be a lot of updating to do with OTIB-0052, because of coworker models and other related issues that are going on at other sites, such as SRS, Idaho, Hanford, etc.

**NIOSH response**

- Agreed but stated that they will continue using OTIB-0052 and the CTW correction factor of 1.4 until other data become available. NIOSH is in the testing phase with an SRS draft implementation guide, so that may prompt changes.

# 2017 Advisory Board question 2

**Board question**

- The finding 8 response from NIOSH indicates that no value is gained by using information other than that contained in the HPAREH database. However, HPAREH only contains dosimeter data for workers actively employed in 1979 or later. Is there not a value to be gained from studying workers who terminated during a period before 1979?

**NIOSH response**

- There were discussions on the application of the HPAREH to workers who terminated prior to 1979; however, they were not prepared to provide details that would answer the question.
- The Advisory Board requested that NIOSH provide a followup regarding previous discussions to clarify this question.

# Questions?