



# Accomplishments of the Subcommittee for Procedure Reviews

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# SPR procedure review responsibilities

- ◆ Technical information bulletins (TIBs)
  - 13 DCAS currently active TIBs
  - 1 Battelle currently active TIB
  - 54 ORAUT currently active TIBs
- ◆ Implementation guidelines (IGs)
  - 6 DCAS currently active IGs
- ◆ Performance evaluation reports (PERs)
  - 90 DCAS currently active PERs
- ◆ Reports (RPRTs)
  - 8 DCAS currently active RPRTs
  - 61 ORAUT currently active RPRTs (12 listed RPRTs are actually slide presentations)
- ◆ Procedures (PROCs)
  - 8 DCAS currently active PROCs
  - 26 ORAUT currently active PROCs

# History of technical guidance document reviews

- ◆ **January 2005:** SC&A submitted its first set of 37 ORAUT/OCAS technical guidance document reviews to the Advisory Board.
- ◆ **August 2007:** SC&A submitted its second set of 30 ORAUT/OCAS technical guidance document reviews to the Advisory Board.
- ◆ **October 2007:** SC&A submitted its third set of 45 ORAUT/OCAS technical guidance document reviews to the Advisory Board. Thereafter, individual document reviews were submitted to the Subcommittee for Procedure Reviews (SPR).
- ◆ **March 2013:** SPR began presenting an overview of the SPR-approved technical guidance documents to the Board.
- ◆ **April 2021:** SPR started using a more efficient process for Board approval by introducing a matrix-style approach for presenting document reviews.

# SPR's review of TIBs

## DCAS/Battelle TIBs (15 total)

- 10 reviewed (67% of current total)
- 5 not reviewed
- 4 of 10 reviews have been SPR-approved
- 1 reviewed TIB cancelled
- None of the SPR-approved DCAS/Battelle TIBs presented to Board

## ORAUT TIBs (64 total)

- 60 reviewed (94% of current total)
- 4 not reviewed
- 10 TIBs reviewed under site-specific work groups (WGs)
- 32 of 60 reviews have been SPR-approved
- 20 reviewed TIBs cancelled
- 14 SPR-approved ORAUT TIBs presented to Board

# SPR's review of IGs

- ◆ 5 total IGs
- ◆ 3 reviewed (60% of current total)
- ◆ 2 not reviewed
- ◆ 2 of 3 reviewed IGs have been SPR-approved
- ◆ 1 SPR-approved IG presented to Board

# SPR's review of DCAS PERs

- ◆ 90 total PERs
- ◆ 14 PERs SPR determined review not necessary
- ◆ 48 reviewed (63% of current total requiring a review)
- ◆ 28 not reviewed
- ◆ 33 of 48 reviewed PERs have been SPR-approved
- ◆ 23 SPR-approved PERs presented to Board

# SPR's review of RPRTs

## DCAS RPRTs (11 total)

- 4 reviewed (36% of current total)
- 7 not reviewed, mostly administrative
- 4 of 4 reviews have been SPR-approved
- 3 reviewed RPRTs cancelled
- 1 SPR-approved DCAS RPRT presented to Board

## ORAUT RPRTs (22 total)

- 29 RPRTs reviewed under site-specific WGs
- 13 reviewed (59% of current SPR total)
- 9 not reviewed
- 2 of 13 reviews have been SPR-approved
- 1 reviewed RPRT cancelled
- 1 SPR-approved ORAUT RPRT presented to Board

# SPR's review of PROCs

## DCAS PROCs (11 total)

- 4 reviewed (36% of current total)
- 7 not reviewed, mostly administrative
- 4 of 4 reviews have been SPR-approved
- 3 reviewed PROCs cancelled
- 1 SPR-approved DCAS PROC presented to Board

## ORAUT PROCs (38 total)

- 25 reviewed (66% of current SPR total)
- 13 not reviewed
- 21 of 25 reviews have been SPR-approved
- 12 reviewed PROCs cancelled
- 7 SPR-approved ORAUT PROCs presented to Board

# New reviews: DR methodology and DR template documents

- ◆ ORAUT first developed technical basis documents (TBDs) for large DOE sites with many claims
- ◆ To balance claims processing, Battelle was hired to develop TBDs for smaller Atomic Weapons Employer (AWE) sites (primarily, uranium metal facilities)
  - These TBDs have been reviewed by site-specific WGs
- ◆ For smaller DOE and AWE sites that did not perform uranium metal work, NIOSH developed DR guidance (instead of TBDs) that has not been reviewed by the Board:
  - DR methodology documents
  - DR templates
- ◆ SPR has started reviewing DR guidance, similar to our review of TBDs but less intensive than for larger sites

# DR methodology document

- ◆ Not formally published and is not posted on the NIOSH public website
- ◆ Initially used to process small numbers of claims from a particular site
- ◆ Content is similar to TBD information and guidance and typically includes:
  - Facility description
  - External dose assessment
  - Occupational medical dose assessment
  - Environmental dose assessment
  - Internal dose assessment

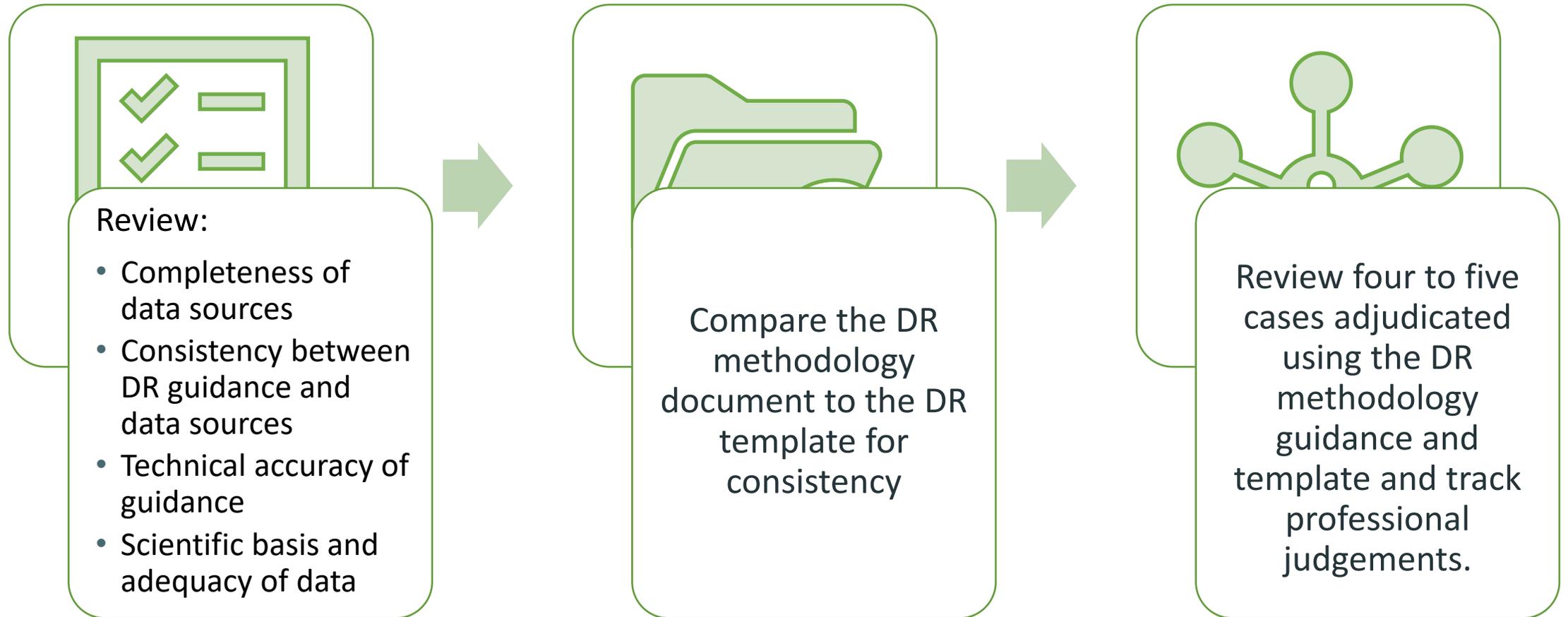
# DR template

- ◆ Not formally published and is not posted on the NIOSH public website
- ◆ Is the DR report with color-coded text to indicate the type of information to be included or provide direction to the dose reconstructor
- ◆ Generated specifically for the claim being evaluated
  - Uses as much site-specific information as could be compiled
  - Explains how the EE's radiation dose was reconstructed

# Statistics about DR guidance documents

- ◆ 25 current sites
  - 13 AWE sites
  - 12 DOE sites
- ◆ 9 sites not included since NIOSH has no current data
- ◆ 2,508 total cases, as of December 2019, associated with 25 sites
  - 7 sites have 119 to 476 claims
  - 18 sites have fewer than 100 claims, ranging from 2 to 85
- ◆ NIOSH plans to develop TBDs for 4 of the 25 sites with the largest number of claims

# SC&A DR methodology & template review



# Temporary BRS tracking document

The SPR maintains 2 tables to track document reviews during the Cybersecurity Modernization Initiative:

1. **Temporary BRS tracking matrix summary** – Overview of the number of findings and observations and their status for each reviewed document
2. **Temporary BRS tracking matrix** – Details of the resolution process for each finding and observation

# 2 tables to track document reviews

## Temporary BRS tracking matrix summary

- Total findings
- Total observations
- Open findings/observations
- In progress findings/observations
- In abeyance findings/observations
- Transferred findings/observations
- SPR-closed findings/observations
- ABRWH action

## Temporary BRS tracking matrix

- Finding/observation number
- Finding/observation date, description, SC&A followup actions
- NIOSH response & followup actions
- SPR action, followup actions, resolution
- Finding/observation status
- Board action/resolution



# Questions?