

## Presentation Handout

### Summary of Blind Cases Evaluated

Meeting of the Dose Reconstruction Review Methods Work Group

March 11, 2024

Table 1. Blind Case Review POC Comparison

Set and blind no.	Facilities	NIOSH POC %	SC&A POC %
Original Contract: B1	Portsmouth Gaseous Diffusion Plant	48.75%	49.35%
Original Contract: B2	Y-12 Plant; Oak Ridge National Laboratory (X-10)	43.63%	48.00%
17th Set: B3 *	Allied Chemical and Dye Corp.	45.90%	85.40%
17th Set: B4	Feed Materials Production Center (FMPC)	48.27%	38.12%
17th Set: B5	Hanford; Grand Junction Facilities	45.27%	43.18%
17th Set: B6	Rocky Flats Plant	45.51%	42.65%
17th Set: B7	Savannah River Site; Dana Heavy Water Plant	51.39%	51.00%
17th Set: B8	Y-12 Plant; Oak Ridge National Laboratory (X-10)	50.46%	50.47%
20th Set: B9	Nevada Test Site	41.17%	40.59%
20th Set: B10	Hanford; Weldon Spring Plant	42.49%	40.71%
20th Set: B11	Hanford; Pacific Northwest National Laboratory	42.31%	36.43%
20th Set: B12	Rocky Flats Plant	42.91%	43.78%
20th Set: B13	Brookhaven National Laboratory	52.54%	51.05%
20th Set: B14	Y-12 Plant	48.36%	49.48%
22nd Set: B15	Argonne National Laboratory-East	46.19%	42.63%
22nd Set: B16	Grand Junction Facilities	48.08%	47.92%
22nd Set: B17	Los Alamos National Laboratory	46.44%	42.43%
22nd Set: B18	Metals and Controls Corp.	46.60%	49.78%
22nd Set: B19	Rocky Flats Plant	50.08%	50.19%
22nd Set: B20	Sandia National Laboratories	50.57%	51.50%
23rd Set: B21	Lawrence Livermore National Laboratory	50.83%	50.73%
23rd Set: B22	Sandia National Laboratories	44.33%	43.08%
23rd Set: B23	Iowa Ordnance Plant (Line 1 and Associated Activities); Hanford; Pacific Northwest National Laboratory	47.31%	49.19%
23rd Set: B24	Nevada Test Site	46.10%	44.57%
23rd Set: B25	FMPC	48.64%	40.47%
23rd Set: B26	Rocky Flats Plant	48.44%	45.69%
24th set: B27	Rocky Flats Plant	46.39%	47.19%

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Set and blind no.	Facilities	NIOSH POC %	SC&A POC %
24th set: B28	W.R. Grace and Company	51.56%	50.99%
24th set: B29	Mallinckrodt Chemical Co Destrehan St.	46.25%	45.40%
24th set: B30	FMPC	49.30%	47.90%
24th set: B31	REECO/ Nevada Test Site	50.09%	51.61%
24th set: B32	FMPC	45.89%	41.93%
26th set: B33	West Valley Demonstration Project	51.35%	50.16%
26th set: B34 *	Los Alamos National Laboratory	50.06%	49.43%
26th set: B35 *	Ames Laboratory	48.60%	50.35%
26th set: B36	Paducah Gaseous Diffusion Plant; Hanford	48.45%	45.67%
26th set: B37	Battelle Laboratories-King Avenue	46.46%	42.31%
26th set: B38	Oak Ridge Gaseous Diffusion Plant (K-25); Y-12 Plant	48.44%	47.95%
Set 28: B39	Oak Ridge Gaseous Diffusion Plant (K-25); Y-12 Plant	50.34%	50.45%
Set 28: B40	Savannah River Site	51.34%	51.32%
Set 28: B41	Savannah River Site	48.81%	49.07%
Set 28: B42	Rocky Flats Plant	47.87%	49.34%
Set 28: B43	Hanford	49.40%	38.33%
Set 28: B44	Los Alamos National Laboratory; Lawrence Livermore National Laboratory; Hanford; Savannah River Site; Rocky Flats Plant; Oak Ridge National Laboratory (X-10); Y-12 Plant; Mound Plant	48.25%	30.26%
Set 30: B45	Hanford	49.41%	49.14%
Set 30: B47	Savannah River Site	49.41%	48.12%
Set 30: B48	Oak Ridge National Laboratory (X-10); Y-12 Plant	48.15%	45.29%
Set 30: B49	Hanford	45.47%	45.10%
Set 30: B50	General Steel Industries	49.19%	48.99%

\* SC&A's and NIOSH's POC calculations were on different sides of 50%.