



Special Exposure Cohort Petition Status Updates

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Advisory Board on Radiation and Worker Health, 155th Meeting
Teleconference | December 7, 2023

Purpose

- Update to the petitioners, general public, and the Advisory Board on Radiation and Worker Health (Advisory Board)
- Special Exposure Cohort (SEC) summary of petitions
 - in qualification review
 - under evaluation
 - currently under Advisory Board review
 - potential SEC petitions (83.14)

Summary

- Petitions NIOSH received to date – 263^a
 - In qualification review process – 2
 - Qualified for evaluation – 153
 - New Evaluations in progress – 0
 - Evaluations completed by NIOSH – 153
- Evaluations currently with Advisory Board – 10
- Petitions not qualifying for evaluation – 108

^aIncludes 5 petitions received prior to the issuance of the SEC regulation.

SEC Petitions under Evaluation

- Lawrence Livermore National Laboratory (LLNL) 1990-1995 (SEC-0221)
 - Evaluation Report (ER) Addendum to address remaining years for all employees 1990-1995
 - DCAS is working with LLNL to schedule a site visit
- Hanford (SEC-0057) – All SEC issues are closed except those related to current ongoing internal co-exposure modeling efforts
 - Co-Exposure modeling work underway

Under Advisory Board Review (1/8)

- Savannah River Site (SEC-0103) – NIOSH is responding to findings and observations raised by Sanford Cohen & Associates (SC&A) and the Work Group (WG)
 - NIOSH awaits the results of the SC&A assessment of the TRACK database

Under Advisory Board Review (2/8)

- Los Alamos National Laboratory (SEC-0109) – NIOSH is responding to findings and observations raised by SC&A and the Work Group; Recent NIOSH submittal to WG:
 - *Weight of Evidence Supports NIOSH's Ability to Bound LANL TA-53 Doses for 1996–2005*; sent to WG 08/28/23
 - *RPRT-101 Rev 1, Bounding Intakes of Exotic Radionuclides at Los Alamos National Laboratory*; sent to WG 09/26/23
 - *ORAUT-RPRT-0107 Rev 00, Dose Estimation from Intakes of Exotic Radionuclides at the Los Alamos Neutron Science Center, 1996 to 2005* was sent to WG 10/02/23

Under Advisory Board Review (3/8)

- Idaho National Laboratory (INL) (SEC-0219) - NIOSH is responding to findings and observations raised by SC&A and the work group
 - NIOSH received documents from the December 2022 data capture in November 2023
 - NIOSH returned to INL the week of 08/27/23 to scan documents selected during a June 2023 data capture trip.

Under Advisory Board Review (4/8)

- Idaho National Laboratory (SEC-0219) – cont.
 - NIOSH is awaiting release of documents from INL classification review for June 2023 data capture and the August 2023 document scanning trip
 - NIOSH is working on RPRT-0100 which reviews the remainder of the high-priority reactors with respect to the application of OTIB-0054 for dose reconstructions

Under Advisory Board Review (5/8)

- Argonne National Laboratory West (SEC-0224) - NIOSH is responding to findings and observations raised by SC&A and the WG
 - ORAUT-RPRT-0089, *Evaluation of Issues in the Use of General Area Air Sampling for Argonne National Laboratory- West Internal Dose Assessment*, was sent to the WG for review on 06/08/22

Under Advisory Board Review (6/8)

- Area IV of the Santa Susana Field Laboratory (SEC-0235) - NIOSH is working to provide clarification on remaining issues
 - The records center has been digitizing records and sending them to DCAS for review
- Metals and Controls Corp. (M&C)(SEC-0236) – With the M&C Work Group
 - There is a M&C WG update scheduled for today

Under Advisory Board Review (7/8)

- De Soto Avenue Facility (SEC-0246) - NIOSH is working to provide clarification on remaining issues
 - The records center has been digitizing records and sending them to DCAS for review
- Y-12 Plant (SEC-0250) - Addendum to the ER was presented in the August 2021 Advisory Board meeting
 - SC&A was assigned to perform a review of the ER

Under Advisory Board Review (8/8)

- Pinellas Plant (SEC-0256) - NIOSH presented the ER at the December 2021 Advisory Board meeting
 - A WG meeting took place on 11/20/23
 - There is a Pinellas WG update scheduled for today

Sites With Evaluation Period Awaiting Action (1/3)

Site (SEC Number)	Date
Hanford (SEC-0057)	1984-1990 (Prime Contractors)
Savannah River Site (SEC-0103)	1972-2007 (Prime Contractors)
Savannah River Site (SEC-0103)	1991-2007 (Subcontractors)

Sites With Evaluation Period Awaiting Action (2/3)

Site (SEC Number)	Date
Los Alamos National Laboratory (SEC-0109)	1996-2005
Idaho National Laboratory (SEC-0219)	1949-1970
Argonne National Laboratory - West (SEC-0224)	1958-1979
Area IV Santa Susanna (SEC-0235)	1991-1993

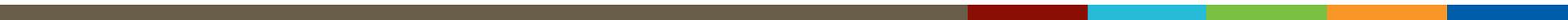
Sites With Evaluation Period Awaiting Action (3/3)

Site (SEC Number)	Date
Metals and Controls Corp. (SEC-0236)	1968-1997 (Residual Period)
De Soto Avenue Facility (SEC-0246)	1965-1995
Y-12 Plant (SEC-0250)	1979-1994
Pinellas Plant (SEC-0256)	1957-1990

Potential SEC Petition

- West Valley Demonstration Project
 - NIOSH evaluating a potential SEC for the Atomic Weapons Employer (AWE) period 1966-1968

Questions?



For more information, contact CDC
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The findings and conclusions in this report are those of the authors and do not necessarily represent the official position of the Centers for Disease Control and Prevention.

