



# Special Exposure Cohort Petition Status Updates

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**Advisory Board on Radiation and Worker Health, 157<sup>th</sup> Meeting**  
Teleconference | April 17, 2024

# 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 – 264<sup>a</sup>
  - 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 – 109

*<sup>a</sup>Includes 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 completed a site visit on 01/08/24
    - The minutes from an interview were cleared and provided to the LLNL Work Group on 02/02/24
  - NIOSH team is currently drafting an ER addendum

## Under Advisory Board Review (1/8)

- Hanford (SEC-0057) – All SEC issues are closed except those related to current ongoing internal co-exposure modeling efforts
  - Co-Exposure modeling work underway
  - Data Capture request submitted to the site for data completeness portion of the Co-Exposure study
    - A portion of the data request was fulfilled by the site

## Under Advisory Board Review (2/8)

- 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 is standing by for an upcoming WG meeting
    - SRS WG meeting scheduled for 07/19/24

## Under Advisory Board Review (3/8)

- Los Alamos National Laboratory (SEC-0109) – NIOSH has provided four reports and two memos in response to findings and observations raised by SC&A and the LANL Work Group
  - The four reports submitted include Report 101,102, 103, and 107
  - The two memos were a “Weight of the Evidence” memo provided to the WG on 08/28/23 and RWP Analysis provided on 03/25/24

## Under Advisory Board Review (4/8)

- Idaho National Laboratory (INL) (SEC-0219) - NIOSH is responding to findings and observations raised by SC&A and the work group during review of the ER
  - 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 during review of the ER
  - 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 in June 2022

## 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 EMCBC records center has been digitizing records and sending them to DCAS
  - Record transfer estimated by the record center to be completed 05/31/24
- 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 EMCBC records center has been digitizing records and sending them to DCAS
  - Record transfer estimated by the record center to be completed 05/31/24
- 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
  - There is a Pinellas WG meeting in the works for August 2024

## 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

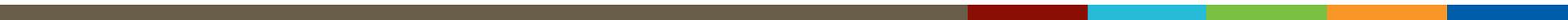
## Sites With Evaluation Period Awaiting Action (3/3)

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.

