



Special Exposure Cohort Petition Status Updates

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Advisory Board on Radiation and Worker Health, 161th Meeting

Teleconference

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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^a
 - In qualification review process – 0
 - Qualified for evaluation – 153
 - New Evaluations in progress – 0
 - Evaluations completed by NIOSH – 153
- Evaluations currently with Advisory Board – 9
- Petitions not qualifying for evaluation – 111

^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
 - An addendum to the LLNL Evaluation Report will be presented at this AB meeting

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
 - DCAS is in the process of reviewing ORAUs Monitoring Completeness summary for 1984-1990

Under Advisory Board Review (2/8)

- Savannah River Site (SEC-0103) – There was a Work Group meeting on 09/25/2024.
 - The results of the WG is scheduled to be discussed at this Advisory Meeting

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” memos provided to the WG on 08/28/23 and RWP Analysis provided on 03/25/24
- NIOSH is currently working on responding to “*SC&A Review of Remaining Internal Dose Issues for the LANL SEC-0109 Addendum Period (1996–2000)*”

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 reviewing documents received from the data captures and preparing responses to the questions for Burial Grounds 1952-1970
 - 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
 - NIOSH presented ORAUT-RPRT-0089 to the ABRWH during the August 2024 board meeting
 - NIOSH is prepared to discuss ORAUT-RPRT-0089 with the INL/ANL-W WG

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
 - EMCBC has recently completed their transfer of their record holdings to NIOSH
 - ORAU is in the process of uploading the recently received documents from EMCBC to the SRDB
 - DCAS/ORAU performing a review of the documents for relevance to outstanding issues

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
 - EMCBC has recently completed their transfer of their record holdings
 - ORAU is in the process of uploading the recently received documents from EMCBC to the SRDB
 - DCAS/ORAU performing a review of the documents for relevance to outstanding issues

Under Advisory Board Review (8/8)

- 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
- Pinellas Plant (SEC-0256) - NIOSH presented the ER at the December 2021 Advisory Board meeting
 - NIOSH is awaiting a Pinellas WG meeting to be scheduled

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
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?



Contact Information

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.

