



Special Exposure Cohort Petition Status Updates

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Advisory Board on Radiation and Worker Health, 147th Meeting

Teleconference | August 18, 2022

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
 - under evaluation
 - currently under Advisory Board review
 - potential SEC petitions (83.14)

Summary

- Petitions received – 259^a
 - In qualification process – 1^b
 - Qualified for evaluation – 153
 - New Evaluations in progress – 0
 - Evaluations completed – 153
- Reports with the Advisory Board – 11
- Petitions not qualifying for evaluation – 105

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

^bA New SEC Petition was received and is currently on hold awaiting employment verification and a determination by the petitioner which facility they are petitioning for.

SEC Petitions under Evaluation

- Lawrence Livermore National Laboratory 1990-1995
 - Livermore, CA
 - Petition SEC-0221
 - Addendum to address remaining years for all employees
 - The NIOSH team is currently coordinating with the site to schedule on-site data captures.
 - NIOSH will provide an update to the LLNL WG members once any dates for a site visit(s) are coordinated with the site.

Under Advisory Board Review (1/8)

- Hanford (SEC-0057) – All SEC issues are closed except those related to current ongoing co-exposure modeling efforts
- Savannah River Site (SEC-0103) – NIOSH is working to resolve issues raised by Sanford Cohen & Associates (SC&A) and the Work Group
 - NIOSH is responding to five issues raised by SC&A in their review of RPRT-0092
- Sandia National Laboratory – Albuquerque (SEC-0188) – This SEC is to be discussed in this AB meeting.

Under Advisory Board Review (2/8)

- Los Alamos National Laboratory (SEC-0109) – NIOSH working to resolve issues raised by Sanford Cohen & Associates (SC&A) and the Work Group
 - The LANL WG met on 03/23/22 NIOSH Presented:
 - ORAUT-RPRT-0102, Assessment of Los Alamos National Laboratory Plutonium Bioassay Programs 1996 to 2001
 - ORAUT-RPRT-0101, Bounding Intakes of Exotic Radionuclides at Los Alamos National Laboratory
 - After WG discussion SC&A was assigned to review both Report 101 and 102

Under Advisory Board Review (3/8)

- Idaho National Lab (SEC-0219) - NIOSH is working to resolve issues raised by SC&A and the work group. An update by DCAS is scheduled to be provided in this AB meeting.
- Argonne National Laboratory West (SEC-0224) - NIOSH is working to resolve issues raised by SC&A and the work group. An update by DCAS is scheduled to be provided in this AB meeting.

Under Advisory Board Review (4/8)

- Area IV Santa Susanna (SEC-0235) - NIOSH is waiting on records to be released from the records center and the record center to allow visitors
 - The DOE record center EMCBC is open but restricting visitor access at this time.
 - In the meantime, EMCBC has been digitizing records and sending them to DCAS for review.

Under Advisory Board Review (5/8)

- Metals and Controls (SEC-0236) – With the M&C Work Group
 - SC&A completed a review of the NIOSH proposed dose reconstruction approach
 - NIOSH responded to the issues in the SC&A review
 - A WG meeting is expected to be scheduled in the near future

Under Advisory Board Review (6/8)

- De Soto Avenue Facility (SEC-0246) - NIOSH is working to provide clarification on a remaining issues
 - The DOE record center EMCBC is open but restricting visitor access at this time.
 - In the meantime, EMCBC has been digitizing records and sending them to DCAS for review.

Under Advisory Board Review (7/8)

- Y-12 Plant (SEC-0250) - Addendum to the ER was presented in the August 2021 AB meeting
 - SC&A was assigned to perform a review of the ER

Under Advisory Board Review (8/8)

- Pinellas Plant (SEC-0256) - NIOSH discussed the ER at the December 2021 Advisory Board meeting
 - SC&A was assigned to perform a review of the ER

Sites With Evaluation Period Awaiting Action (1/2)

- Hanford (SEC-0057) 1984-1990
(prime contractors)
- Savannah River Site (SEC-0103) 1972-2007
(prime contractors)
- Savannah River Site (SEC-0103) 1990-2007
(subcontractors)
- Los Alamos National Laboratory (SEC-0109) 1996-2005
- Sandia National Laboratory (SEC-0188) 1997-2011
- Idaho National Laboratory (SEC-0219) 1949-1970

Sites With Evaluation Period Awaiting Action (2/2)

- Argonne National Laboratory - West (SEC-0224) 1958-1979
- Area IV Santa Susanna (SEC-0235) 1991-1993
- Metals and Controls (SEC-0236) 1968-1997
(Residual Period)
- De Soto Avenue Facility (SEC-0246) 1965-1995
- Y-12 (SEC-0250) 1979-1994
- Pinellas (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?