



Special Exposure Cohort Petition Status Updates

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Advisory Board on Radiation and Worker Health, 141st Meeting

Teleconference | August 19, 2021

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 – 258¹
 - In qualification process – 0
 - Qualified for evaluation – 153
 - Evaluations in progress – 2
 - Evaluations completed – 152
- Reports with the Advisory Board – 11
- Petitions not qualifying for evaluation – 105

¹Includes 5 petitions received prior to the issuance of the SEC regulation.

SEC Petitions under Evaluation

- Pinellas Plant 1957-1990
 - Clearwater, FL
 - Petition SEC-0256
 - All employees
 - Expected Evaluation Report (ER) completion: September 2021
 - Targeting December Advisory Board meeting to present ER

SEC Petitions under Evaluation (cont.)

- Lawrence Livermore National Laboratory 1990-1995
 - Livermore, CA
 - Petition SEC-0221
 - Addendum to address remaining years
 - All employees
 - December 2021 projected completion for addendum

Under Advisory Board Review

- Hanford (SEC-0057) – All SEC issues are closed except those related to current ongoing co-exposure modeling efforts
- Savannah River Site (SEC-0103) – A SEC class was recommended by the AB for SRS; awaiting HHS action
 - There are remaining open issues with SEC-0103
- Los Alamos National Laboratory (SEC-0109) – NIOSH working to resolve issues raised by Sanford Cohen & Associates (SC&A) and the work group
- Sandia National Laboratory – Albuquerque (SEC-0188) – NIOSH completed responses to SC&A's review of the SNL-A Addendum 2

Under Advisory Board Review (cont.)

- Idaho National Lab (SEC-0219) - NIOSH is working to resolve issues raised by SC&A and the work group
- Argonne National Laboratory West (SEC-0224) - NIOSH is working to resolve issues raised by SC&A and the work group
- Area IV Santa Susanna (SEC-0235) - NIOSH is waiting on records to be released from the records center
- Metals and Controls (SEC-0236) - NIOSH is working to resolve issues raised by SC&A and the work group

Under Advisory Board Review (cont.)

- De Soto Avenue Facility (SEC-0246) - NIOSH is working to provide clarification on a few remaining issues; NIOSH is waiting on records to be released from the records center
- Y-12 Plant (SEC-0250) - Addendum to the ER will be presented at this AB meeting
- Reduction Pilot Plant (SEC-0253) - NIOSH provided responses to the WG in May 2021 regarding the two SC&A observations

Sites With Evaluation Period Awaiting Action

- Hanford (SEC-0057) 1984-1990 (prime contractors)
- Savannah River Site (SEC-0103) 1972-2007
- Los Alamos National Laboratory (SEC-0109) 1996-2005
- Sandia National Laboratory (SEC-0188) 1997-2011
- Idaho National Laboratory (SEC-00219) 1949-1970

Sites With Evaluation Period Awaiting Action (cont.)

- 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) 1987-1994
- Reduction Pilot Plant (SEC-0253) 1976-1978

Potential SEC Petition

West Valley Demonstration Project

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

Questions?