



Special Exposure Cohort (SEC) Update

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Advisory Board on Radiation and Worker Health, 135th Meeting

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Purpose

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

Summary

- Petitions received – **257**^{*}
 - Petitions in qualification process – **2**
 - Petitions qualified for evaluation – **152**
 - NIOSH new petition evaluations in progress – **0**
 - NIOSH evaluation completed – **152**
- Reports with the Advisory Board – **11**
- Petitions not qualifying for evaluation – **103**

*NOTE: 257 includes 5 petitions received prior to the federal regulation.

SEC Petitions in Qualification

- Pinellas Plant
 - Clearwater, Florida
 - Petition SEC-0256
 - May 1957 – December 1997
 - All Employees
 - Expected completion: September 2020
 - NOTE: Petitioner has requested an additional extension to respond to qualification deficiencies.

SEC Petitions in Qualification (continued)

- Rocky Flats Plant
 - Golden, Colorado
 - Petition SEC-0257
 - 1984-1989
 - All Employees
 - Expected completion: Qualification determination scheduled to be completed August 2020

SEC Petitions under Evaluation

- Lawrence Livermore National Laboratory 1990-2014
 - Livermore, CA
 - Petition SEC-0221
 - Addendum to address remaining years
 - All employees
 - Expected completion: December 2020

SEC Petitions under Evaluation (continued)

- Y-12 Plant 1987-1994
 - Oak Ridge, TN
 - Petition SEC-0250
 - Addendum to address remaining years
 - All employees
 - Expected completion: October 2020

Under Advisory Board Review

- Hanford (SEC-00056) – An update is scheduled for this meeting
- Savannah River Site (SEC-00103) – NIOSH working to resolve issues raised by SC&A and the work group
- Los Alamos National Lab (SEC-00109) – NIOSH working to resolve issues raised by SC&A and the work group
- Sandia National Laboratory (SEC-00188) – The work group and SC&A are reviewing Addendum 2

Under Advisory Board Review (continued)

- Idaho National Lab (SEC-00219) – An update is scheduled for this meeting
- Argonne National Laboratory - West (SEC-00224) – NIOSH is working to resolve issues raised by SC&A and the work group
- Area IV Santa Susanna (SEC-00235) – SC&A is reviewing information submitted by the petitioner
- Metals and Controls (SEC-00236) – The Advisory Board work group and SC&A are reviewing a NIOSH response paper

Under Advisory Board Review (continued)

- De Soto Avenue Facility (SEC-00246) – SC&A is reviewing information submitted by the petitioner and NIOSH is working to provide clarification on a few remaining issues
- Superior Steel Co. (SEC 0247) – An update is scheduled for this meeting
- Reduction Pilot Plant (SEC 0253) – NIOSH completed the evaluation and a presentation is scheduled for this meeting

Sites with evaluation period awaiting action

- Hanford (SEC-0057) 1984-1990
(Primes only)
- Savannah River Site (SEC-0103) 1973-2007
- Los Alamos National Laboratories-A (SEC-0109) 1996-2005
- Sandia National Laboratory (SEC-0188) 1997-2011
- Idaho National Laboratory (SEC-00219) 1949-1970

Sites with evaluation period awaiting action (continued)

- Lawrence Livermore National Lab (SEC-0221) 1990-2014
- Argonne National Laboratory – West (SEC-0224) 1958-1979
- Area IV Santa Susanna (SEC- 0235) 1991-1993
- Metals and Controls (SEC- 0236) 1968-1997 (Res)
- De Soto Avenue Facility (SEC-0246) 1965-1995
- Reduction Pilot Plant (SEC-0253) 1976-1978

Potential SEC Petitions (83.14)

- West Valley Demonstration Project
 - NIOSH evaluating a potential SEC for the AWE period 1966-1968