



Special Exposure Cohort (SEC) Update

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Advisory Board on Radiation and Worker Health, 132nd 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 – **255**^{*}
 - Petitions in qualification process – **3**
 - Petitions qualified for evaluation – **151**
 - NIOSH evaluation in progress – **1**
 - NIOSH evaluation completed – **151**
- Reports with the Advisory Board – **10**
- Petitions not qualifying for evaluation – **101**

*NOTE: 255 includes 5 petitions received prior to the federal regulation.

SEC Petitions in Qualification

- Reduction Pilot Plant
 - Huntington, West Virginia
 - Petition SEC-0253
 - 1976-1978
 - All Security Guards
 - Expected completion: DOL revised covered period in Mid-November. Qualification determination will be completed 12/2019

SEC Petitions in Qualification (continued)

- ANL-East
 - Argonne, Illinois
 - Petition SEC-0254
 - October 1975 – September 1981
 - All Employees
 - Expected completion: Qualification determination scheduled to be completed January 2020

SEC Petitions in Qualification (continued)

- BWXT
 - Lynchburg, Virginia
 - Petition SEC-0255
 - 1973-1984
 - All Employees
 - Expected completion: Qualification determination scheduled to be completed January 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: April 2020

SEC Petitions under Evaluation

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

Under Advisory Board Review (continued)

- Hanford (SEC-0056) – NIOSH reviewing documentation to determine whether prime contractors radiological control program were meeting bioassay commitments
- Savannah River Site (SEC-0103) – An update is scheduled for this meeting
- Los Alamos National Lab (SEC-0109) – NIOSH working to resolve issues raised by SC&A and the work group
- Sandia National Laboratory (SEC-0188) – The work group and SC&A are reviewing Addendum 2

Under Advisory Board Review (continued)

- 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 reviewing information submitted by the petitioner and preparing a detailed summary for the April 2020 Advisory Board meeting
- Metals and Controls (SEC-0236) – Advisory Board work group and SC&A are reviewing NIOSH white papers

Under Advisory Board Review (continued)

- De Soto Avenue Facility (SEC-0246) – NIOSH has submitted responses to SC&A's review
- Superior Steel Co. (SEC-0247) – NIOSH is working to resolve issues raised by SC&A and the work group

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-0219) 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

Potential SEC Petitions (83.14)

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