



# Special Exposure Cohort (SEC) Update

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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 – **253**<sup>\*</sup>
  - Petitions in qualification process – **1**
  - Petitions qualified for evaluation – **151**
  - NIOSH evaluation in progress – **1**
  - NIOSH evaluation completed – **151**
- Reports with the Advisory Board – **12**
- Petitions not qualifying for evaluation – **101**

\*NOTE: 253 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: On hold waiting on DOL evaluation of covered period

# SEC Petitions under Evaluation

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

# Under Advisory Board Review

- Y-12 Plant 1977-1994
  - Oak Ridge, TN
  - Petition SEC-0250
  - All employees
  - Expected completion: Being presented at this meeting

Note: NIOSH has reserved the period 1987-1994 for further evaluation

# Under Advisory Board Review (cont'd)

- West Valley Demonstration Project 1969-1973
  - West Valley, NY
  - Petition SEC-0252 (83.14)
  - All employees
  - Expected completion: Being presented at this meeting

## Under Advisory Board Review (cont'd - 1)

- Hanford (SEC-00057) – NIOSH reviewing documentation to determine whether prime contractors' radiological control programs were meeting internal monitoring requirements
- Savannah River Site (SEC-00103) – The work group and SC&A are reviewing co-worker models and subcontractor monitoring
- 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 (cont'd - 2)

- Idaho National Lab (SEC-00219) – NIOSH is working to resolve issues raised by SC&A and the work group
- 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) – An update is scheduled for this meeting
- Metals and Controls (SEC-00236) – Advisory Board work group and SC&A are reviewing NIOSH white papers

## Under Advisory Board Review (cont'd - 3)

- De Soto Avenue Facility (SEC-00246) – NIOSH is working to resolve issues raised by SC&A and the work group
- 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-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

# Potential SEC Petitions (83.14)

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