



# Special Exposure Cohort (SEC) Update

**LaVon B. Rutherford, CHP**

***SEC Health Physics Team Leader***

Advisory Board on Radiation and Worker Health (ABRWH)

Pittsburgh, Pennsylvania | April 17, 2019

# PURPOSE

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

# Summary

- Petitions received – **251\***
  - Petitions in qualification process – **0**
  - Petitions qualified for evaluation – **150**
  - NIOSH evaluation in progress – **2**
  - NIOSH evaluation completed – **149**
- Reports with the Advisory Board – **10**
- Petitions not qualifying for evaluation – **101**

\*NOTE: **251** includes **5** petitions received prior to the federal regulation.



# SEC Petitions under Evaluation

## Lawrence Livermore National Laboratory 1990-2014

- Livermore, CA
- Petition SEC-0221
- Addendum to address remaining years
- All employees
- Expected completion: November 2019

# SEC Petitions under Evaluation cont.

## Y-12 Plant 1977-1994

- Oak Ridge, TN
- Petition SEC-0250
- All employees
- Expected completion: July 2019

# Under Advisory Board Review

- **Hanford (SEC-00056)** – NIOSH reviewing documentation to determine whether prime contractors radiological control program were meeting bioassay commitments
- **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

# Under Advisory Board Review CONT.

- **Sandia National Laboratory (SEC-00188)** – Addendum 2 to the petition evaluation will be presented at this meeting
- **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)** – An update is scheduled for this meeting

# Under Advisory Board Review CONT.

- **Metals and Controls (SEC-00236)** – NIOSH is working to resolve issues raised by SC&A and the work group
- **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)** – An update 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 cont.

- **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 is evaluating a potential SEC for the AWE period 1966-1973