

# Special Exposure Cohort Petition Status Updates

**Charles Nelson, MS**

DCAS SEC Team Lead

**Advisory Board on Radiation and Worker Health, 145<sup>th</sup> Meeting**

Teleconference | April 27-28, 2022

# 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 – 258<sup>1</sup>
  - In qualification process – 0
  - Qualified for evaluation – 153
  - New Evaluations in progress – 0
  - Evaluations completed – 153
- Reports with the Advisory Board – 12
- Petitions not qualifying for evaluation – 105

<sup>1</sup>Includes 5 petitions received prior to the issuance of the SEC regulation.

# SEC Petitions under Evaluation

- Lawrence Livermore National Laboratory 1990-1995
  - Livermore, CA
  - Petition SEC-0221
  - Addendum to address remaining years for all employees
  - Travel for data captures will be resuming soon. The NIOSH team is currently coordinating with the site to schedule on-site data captures.
  - NIOSH will provide an update to the LLNL WG members once any dates for a site visit(s) are coordinated with the site.

## Under Advisory Board Review (1/6)

- 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 designated by HHS on August 18, 2021, and became effective on September 17, 2021
  - The remaining open issues are with the Work group
- Sandia National Laboratory – Albuquerque (SEC-0188) – SNL-A WG meeting took place 04/11/22.

# Under Advisory Board Review (2/6)

- Los Alamos National Laboratory (SEC-0109) – NIOSH working to resolve issues raised by Sanford Cohen & Associates (SC&A) and the Work Group
  - The LANL WG met on 03/23/22 NIOSH Presented:
    - ORAUT-RPRT-0102, Assessment of Los Alamos National Laboratory Plutonium Bioassay Programs 1996 to 2001
    - ORAUT-RPRT-0101, Bounding Intakes of Exotic Radionuclides at Los Alamos National Laboratory
  - After WG discussion SC&A was assigned to review both Report 101 and 102

## Under Advisory Board Review (3/6)

- 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 and the record center to open
  - Projected opening date for DOE record center EMCBC is late June 2022

# Under Advisory Board Review (4/6)

- Metals and Controls (SEC-0236) – With the M&C Work Group
  - SC&A completed a review of the NIOSH proposed dose reconstruction approach
  - NIOSH responded to the issues in the SC&A review
- De Soto Avenue Facility (SEC-0246) - NIOSH is working to provide clarification on a remaining issues
  - Projected opening date for DOE record center EMCBC is late June 2022

# Under Advisory Board Review (5/6)

- Y-12 Plant (SEC-0250) - Addendum to the ER was presented in the August 2021 AB meeting
  - SC&A was assigned to perform a review of the ER
- Reduction Pilot Plant (SEC-0253) – The Uranium Refining AWE Work Group met on 02/17/22.
  - The Work Group is scheduled to discuss RPP at this Advisory Board meeting.

# Under Advisory Board Review (6/6)

- Pinellas Plant (SEC-0256) - NIOSH discussed the ER at the December 2021 Advisory Board meeting
  - SC&A was assigned to perform a review of the ER

# Sites With Evaluation Period Awaiting Action (1/2)

- Hanford (SEC-0057) 1984-1990  
(prime contractors)
- Savannah River Site (SEC-0103) 1972-2007  
(prime contractors)
- Savannah River Site (SEC-0103) 1990-2007  
(subcontractors)
- Los Alamos National Laboratory (SEC-0109) 1996-2005
- Sandia National Laboratory (SEC-0188) 1997-2011
- Idaho National Laboratory (SEC-0219) 1949-1970

## Sites With Evaluation Period Awaiting Action (2/2)

- 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) 1979-1994
- Reduction Pilot Plant (SEC-0253) 1976-1978
- Pinellas (SEC-0256) 1957-1990

# Potential SEC Petition

## West Valley Demonstration Project

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

Questions?