

Special Exposure Cohort Updates

LaVon B. Rutherford, CHP

Special Exposure Cohort Health Physics Team Leader
Division of Compensation Analysis and Support

Advisory Board on Radiation and Worker Health

Albuquerque, NM
December 13, 2017

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 - **245**
 - Petitions in qualification process - **3**
 - Petitions qualified for evaluation - **146**
 - NIOSH evaluation in progress - **2**
 - NIOSH evaluation completed - **144**
- Reports with the Advisory Board - **9**
- Petitions not qualifying for evaluation - **91**

(NOTE: **245** includes **5** petitions received prior to the federal regulation)

Wah Chang 1973-2017 (Residual Period)

- Albany, Oregon
- Petition SEC-00239
- All employees
- January 1, 1973 - May 31, 2017
- NIOSH is currently responding to the petitioners response to the proposed finding. Qualification determination should be completed later in December 2017

Y-12 Plant 1981-2017

- Oak Ridge, TN
- Petition SEC-00241
- All employees
- November 16, 1981 - present
- NIOSH is currently responding to the petitioners response to the proposed finding. Qualification determination should be completed later in December 2017

Pinellas Plant 1956-1997

- Clearwater, FL
- Petition SEC-00242
- All employees
- September 1, 1956 – September 30, 1997
- NIOSH is currently responding to the petitioners response to the proposed finding. Qualification determination should be completed later in December 2017

Sandia National Laboratory 1995-2005

- Albuquerque, NM
- Petition SEC-00188
- Addendum to address remaining years
- All employees
- Expected completion: Update will be provided at this meeting. The report is expected to be complete March 2018

Lawrence Livermore National Laboratory 1990-2014

- Livermore, CA
- Petition SEC-0221
- Addendum to address remaining years
- All employees
- Expected completion: June 2018

Under Advisory Board Review - cont.

- Hanford (SEC-00056) – the petition period ends in 1990
 - NIOSH reviewing documentation to determine whether prime contractors radiological control program were meeting bioassay commitments
 - NIOSH recently sent a revised issues matrix with the remaining issues that will be discussed at a future work group meeting

Under Advisory Board Review - cont.

- Savannah River Site (SEC-00103) – An update from NIOSH, SC&A and the work group are scheduled for this meeting
- Los Alamos National Lab (SEC-0192) – NIOSH is reviewing the requested documents associated with NTS report 484 and responding to SC&A's review
- Idaho National Lab (SEC-00219) – Advisory Board reviewing proposed class and initial evaluation report (ER)

Under Advisory Board Review - cont.

- Argonne National Laboratory - West (SEC-00224) – Advisory Board and SC&A reviewing ER
- Area IV Santa Susanna (SEC-0235) – An update from the work group is scheduled for this meeting
- Metals and Controls (SEC-00236) – Advisory Board and SC&A reviewing ER

Sites with remaining evaluation periods awaiting action

Hanford, SEC-0057	1984-1990 (Primes only)	Savannah River Site, SEC-0103	1973-2007
Los Alamos National Laboratory, SEC-0109	1996-2005	Sandia National Laboratories – Albuquerque, SEC-0188	1995-2011
Idaho National Laboratory, SEC-00219	1949-1970	Lawrence Livermore National Laboratory, 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 (Residual)		



Potential Petitions (83.14)

- Sandia National Laboratories – Albuquerque (1945-1948)