SEC-00235 Area IV Santa Susana Field Laboratory
Summary of Efforts

Lara Hughes, PhD, CHP
Health Physicist
Division of Compensation Analysis and Support

Teleconference of the SSFL Work Group
October 15, 2020
Overview

- Area IV SSFL Background
- Area IV Petition History
- SEC-00235 Summary of Efforts
- Current Status of NIOSH Efforts
- Petitioner Submissions (post-ER)
- Questions and Discussion
Area IV SSFL Background
Area IV Santa Susana Field Laboratory (SSFL)

- 2,850 acres total
- Simi Hills, Ventura County; 30 miles northwest of Los Angeles,
- 4 administrative and operational areas (Area I-IV)
- Area IV (290 acres) is the only EEOICPA covered area
Area IV SSFL Operations

- SSFL: DOE (1954-1988); Remediation (1988-present)

- DOE operations:
  - Reactor testing and development
  - Nuclear support operations (Nuclear fuel fabrication)
  - Energy and non-nuclear R&D

- DOE remediation
  - D&D of structures and components
  - Characterization, treatment, packaging and temporary storage of radioactive and mixed waste
Area IV SSFL Petition History
### Petition History

<table>
<thead>
<tr>
<th>Petition</th>
<th>Status</th>
<th>Basis</th>
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</thead>
<tbody>
<tr>
<td>SEC-00235</td>
<td>With ABRWH (no class recommended by NIOSH)</td>
<td>DR is feasible for evaluated period (1991-1993)</td>
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<tr>
<td>SEC-00234</td>
<td>Class added to SEC</td>
<td>All employees, 1965-1988, internal DR for Am and Th</td>
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<tr>
<td>SEC-00156</td>
<td>Class added to SEC</td>
<td>All employees, 1959-1964, internal DR infeasibility</td>
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<tr>
<td>SEC-0093</td>
<td>Class added to SEC</td>
<td>All employees, 1955-1958, internal DR infeasibility</td>
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NIOSH Documents for SEC-00235

- SEC-00235 Evaluation Report (Area IV SSFL), May 2017
- NIOSH White Paper: Air Sample Data at Area IV SSFL, Nov. 2018
- NIOSH White Paper: Status of Operations involving Am and Th during the Remediation Period, Nov. 2018
SC&A Documents

- Review of SEC-00235 Evaluation Report, November 2017
- Remaining Internal Dose Topics Related to the Evaluation of SEC-00235 at SSFL, Feb. 2019
- Evaluation of Petitioner Specific Concerns Regarding SEC-00235
- Review of Documentation Provided by CORE Advocacy Related to the Evaluation of SEC-00235 at the SSFL, Nov. 2019
Prior Discussions with ABRWH and WG

- 5 ABRWH discussions
  - Aug. 2017: NIOSH presents SEC-00235
  - Dec. 2018: NIOSH presents white papers
  - Apr. 2019: SC&A review of NIOSH white papers
  - Aug. 2019: SC&A review of additional documents

- 3 WG discussions
  - Dec. 2018: NIOSH presents white papers
  - Mar. 2019: SC&A presents review of NIOSH white papers
Current Status of NIOSH Effort
NIOSH Current Effort and Path Forward

- Outstanding issues related to internal and external co-exposure model
- TBD update once SEC issues have been resolved
- Development of a DR model using BZ data during the remediation period
  - Data capture needed, not previously targeted materials
  - Data available at the Cincinnati records center
  - Currently on hold, will commence as soon as possible
Clarification of Recurring Issues

- **Data access:** All parties (ABRWH, SC&A, NIOSH) have access to the database systems used to store all relevant information (claims, SEC, Site Research Data Base)
  - NIOSH staff can facilitate search and access if needed
  - Some documents on public website redacted because of PII

- **Area IV Site Profile:** Older Site Profile documents do not limit DR feasibility if data is available from other sources

- **Air Sample Data:** Granularity of air sample data was addressed with WG before NIOSH effort on air sample data started
Petitioner Submissions (post-ER)
Petitioner Submissions (post ER)

- Detailed in NIOSH “Summary of Efforts” white paper until Feb. 2020, Table A-1
  - 18 documents/collections (~1700 pages of information)
  - Boeing Incident Data Base (~1500 incident files)
- Additional documents submitted in June and August 2020
  - New Information related to SEC-00235 and SEC-00246 (29 pg.)
  - Worker Affidavit
  - SC&A tasked with review of new information in July 2020
- NIOSH has not identified information that would change conclusion of SEC-00235 or SEC-00246
Questions and Discussion