

**TBD-6000 Work Group  
Recommendations to the ABRWH  
Regarding  
Joslyn Manufacturing and Supply Co.  
Special Exposure Cohort  
Petition Evaluation Report  
SEC-00200 Addendum**

Presented at the ABRWH meeting  
Kansas City MO  
January 28, 2014

# Work Group Members

- Paul Ziemer, Chair
- Josie Beach
- John Poston
- Wanda Munn

# Recommendation on Extending Period of SEC Class by 7 Months

The Work Group, by unanimous vote, agrees with NIOSH that dose can not be reconstructed for the period January 1, 1948 through July 31, 1948, and recommends that this time period should be included in the SEC class definition previously approved by the Board.

# Recommendation on Denying SEC Class Status for the Remainder of the Covered Period

By unanimous vote, the Work Group agrees with NIOSH that dose can be reconstructed for the remainder of the covered period (i.e., beginning August 1, 1948) and that SEC class status should not be recommended for work during that time period.

# Status of Issues Matrix for Joslyn

- The SC&A Issues Matrix for Joslyn included 11 findings.
- The Work Group, by unanimous agreement, closed 8 of the findings.
- The Work Group agreed that the remaining issues (Numbers 6, 10, and 11) were not SEC issues and would not, therefore, affect the recommendation concerning the SEC.
- The Work Group expects to be able to close these last three items soon on the basis of a White Paper that NIOSH has agreed to produce.

# Summary of Matrix Issues

1. Incorrect units of measure in Table 6-1. Agreed & closed.
2. Incorrect units of measure in Table 6-2. Agreed & closed.
3. Document 1948 as start date (for site surveys). Resolved by establishment of new start date (August 1, 1948).  
Closed.
4. Correct Table 7-1 to assure comparable units and correct work hours. Agreed & closed.
5. Correct the typographical and calculational errors in Table 7-2. Agreed and closed.
6. Inadequate description of how TBD-6000 dose reconstruction methods are to be applied. NIOSH preparing White Paper to address this. **OPEN**

# Summary of Matrix Issues (continued)

7. Address uncertainty as to whether air concentration rates are dependent on production rates. Issue now moot since it dealt with early 1948 (which is now included in the SEC).
8. Evaluate degree to which pit burning of uranium renders TBD-6000 incomplete as a surrogate. NIOSH White Paper addressed issue; SC&A concurred, and issue was closed.
9. Document basis for 90% coverage of uranium source term. Agreed and closed.
10. Need revised external exposure assumptions. This finding is closely tied to Issue 6 and will be addressed by NIOSH in White Paper. **OPEN**
11. NIOSH should document sources of information on relative hazard from thorium. NIOSH agreed to provide details. **OPEN**