

# Status of AWE Work Group Activities Related to Electro Met

Presented by Henry Anderson  
Chairman of AWE Work Group  
ABRWH Meeting  
February 28-29, 2010

# Work Group Focus

- Focus has been on review of original and revised NIOSH Evaluation Reports (ER) for Petition SEC-00136
- Only incidental review of 2007 *Site Profile: Appendix C Electro Metallurgical Company* (TBD-6001) and 2011 *Technical Basis Document for the Electro Metallurgical Company* has been performed

# AWE Work Group

## Electro Metallurgical Corporation SEC Petition Review

- 7/ 21/ 2009 NIOSH issues original SEC ER
- 10/2009 - SEC ER presented to Full Board and review assigned to AWE (6001)
- 4/ 2010 SC&A provides report reviewing ER
- **7/7/10 AWE workgroup meeting - begins discussion using matrix approach**
- 5/2/11 SC&A issues revision to review report adding interview results
- **5/16/2011 AWE Work Group meeting - NIOSH update report**
- **8/16/2011 AWE Work Group meeting – Most matrix issues resolved ; NIOSH indicates they are revising ER recommendations; further discussion on hold**
- 2/7/2012 NIOSH publishes revised ER – proposing to accept early years as SEC
- **2/21/2012 AWE workgroup meets - SC&A provides comments based on time-limited review of revised ER – Dose reconstruction can be done on all**
- **2/21/2012 AWE Work Group votes to provisionally accept NIOSH’s SEC recommendations;**
- **2/22/2012 – 2/28/2012 NIOSH and SC&A to discuss differences**
- **Unresolved issues on SEC to be discussed at Oakland full Board Meeting**

# AWE Work Group

## Electro Metallurgical Corporation 2011 TBD and 2007 6001 Appendix Review

- 12/2006 NIOSH publishes TBD-6001
- 12/2007 NIOSH adds Appendix C (Electro Metallurgical) to TBD-6001
- 2/2011 NIOSH replaces Appendix C with stand-alone TBD for Electro Met
- 2011 AWE Workgroup matrix identifies TBD clarifications needed, most are resolved
- Awaiting Process for TBD changes

# Current Status

- Most of SC&A findings related to review of NIOSH 2009 ER have been resolved in an SEC context except those relating to ability to reconstruct bounding internal doses for early operations and definition of proposed SEC class

# Resolution of SC&A Findings on Original ER

See SCA-TR-SEC2012-0010 (2/21/2012)

- Open Issues – 2
- Related to dose reconstruction not SEC issues – 6
- Not relevant to ElectroMet – 2
- Addressed in Revised ER of 2/7/2012 - 7

# Current Status – Discussed by SC&A

- SC&A believes that internal bounding doses can be calculated for early operations (prior to 1948) based on extensive air sampling data (1948/1949) and the fact that bioassay sampling in 1944 is not statistically different from that in 1949
- If an SEC is granted, SC&A believes that consideration should be given to limiting proposed class to workers in the Area Plant where MED/AEC operations were conducted and not those who worked in all areas at Electro Met