

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

Documentation Chronology

- NIOSH publishes TBD-6001 – December 13, 2006
- NIOSH adds Appendix C (Electro Metallurgical) to TBD-6001 – December 21, 2007
- NIOSH issues original ER – July 21, 2009
- SC&A provides report reviewing ER – April 2010
- NIOSH replaces Appendix C with stand-alone TBD for Electro Met – February 15, 2011

Documentation Chronology (con't)

- SC&A issues revision to review of ER adding interview results – May 2011
- NIOSH prepares update on Electro Met activities for AWE Work Group – May 16, 2011
- NIOSH publishes revised ER – February 7, 2012
- SC&A provides comments to AWE Work Group based on time-limited review of revised ER – February 21, 2012

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
- In 2009 ER NIOSH determined that it was possible to calculate internal bounding doses
- In 2012 ER NIOSH concluded that it was not possible to calculate internal bounding doses

Current Status (Con't)

- SC&A believes that internal bounding does 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