

Division of Compensation Analysis and Support Program Evaluation Report	Document Number: DCAS-PER-068 Effective Date: 4/5/2016 Revision No. 0
Electro Metallurgical Company	
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RECORD OF ISSUE/REVISIONS			
ISSUE AUTHORIZATION DATE	EFFECTIVE DATE	REV. NO.	DESCRIPTION
4/5/2016	4/5/2016	0	New document to determine the effect of the revision to DCAS-TKBS-0007, (Electro Metallurgical Company) on previously completed claims.

1.0 Description

Dose reconstructions for the claims from the Electro Metallurgical Company (ElectroMet) were originally performed using Appendix C of Battelle-TBD-6001 issued on 12/21/2007. Battelle-TBD-6001 was cancelled and Appendix C was converted to a standalone Technical Basis Document (TBD), DCAS-TKBS-0007. Revision 0 of this TBD was issued on 2/15/2011. Revision 1 was issued on 9/24/2015. This PER (DCAS-PER-068) evaluates the effect of revision 1 of the TBD on all previously completed claims.

2.0 Issue Evaluation

Revision 1 of DCAS-TKBS-0007 incorporated a Special Exposure Cohort (SEC) designation for the site through the end of 1947. The revision also incorporated a re-evaluation of data and information as a result of the SEC review process. One change in the revision was an increase in the external photon dose rates for all years. That change resulted in an increased external dose estimate for all claims completed using an earlier version. Because of this, it was not necessary to itemize any other increases in dose or further breakdown the time periods affected.

3.0 Plan for Resolution or Corrective Action

To evaluate the effect of revision 1 of the TBD on all previously completed claims, a search was conducted for all completed claims with verified employment at ElectroMet that had a probability of causation (POC) of less than 50%. This search identified 63

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claims. Twenty five of these claims met the conditions for inclusion in the SEC and would no longer need a dose reconstruction to determine compensation. Therefore, those 25 claims were removed from further evaluation.

A new dose estimate was performed for the remaining 39 claims using revision 1 of the TBD, as well as all other applicable approved dose reconstruction methods. The resulting probability of causation (POC) was below 45% for 19 claims. The 20 remaining claim resulted in a POC greater than 52%.

NIOSH will provide the Department of Labor with the list of all claims evaluated under this PER and request the return of those that would result in a POC greater than 50%.