

Division of Compensation Analysis and Support Program Evaluation Report	Document Number: DCAS-PER-067 Effective Date: 3/11/2016 Revision No. 0
Allegheny Ludlum Appendix Q Revision	
Page 1 of 2	
Author: <u>Signature on file</u> Dave Allen, HP Team Leader	Date: <u>3/11/2016</u>
Supersedes: None	
Approval: <u>Signature on file</u> J.W. Neton, Associate Director for Science	Date: <u>3/11/2016</u>

RECORD OF ISSUE/REVISIONS			
ISSUE AUTHORIZATION DATE	EFFECTIVE DATE	REV. NO.	DESCRIPTION
3/16/2011	3/11/2016	0	New document to determine the effect of the revision to Appendix Q of Battelle-TBD-6000 (Allegheny Ludlum Steel Company) on previously completed claims.

1.0 Description

Dose reconstructions for the claims from the Allegheny Ludlum Steel Plant are performed using Appendix Q of Battelle-TBD-6000. Revision 0 of Appendix Q was issued 4/30/2007. Revision 1 to that document was subsequently issued on 10/24/2014. This PER (DCAS-PER-067) evaluated the effect of revision 1 to Appendix Q on all previously completed claims.

2.0 Issue Evaluation

Revision 0 of Appendix Q estimated doses for various job categories at Allegheny Ludlum. In revision 1, the job categories were eliminated so that the same estimate is used for all employees. Also, more details about the individual rolling campaigns were uncovered and used in revision 1. As a result, inhalation intakes increase for many of the job categories used in revision 0. Also ingestion intakes and external dose estimates would increase for all job categories. Therefore, it was not necessary to itemize any other increases in dose or to breakdown the time periods affected.

3.0 Plan for Resolution or Corrective Action

In order to evaluate the effect of revision 1 of the Appendix on all previously completed claims, a search was conducted for all completed claims with verified employment at Allegheny Ludlum that had a probability of causation (POC) of less than 50%. This

Division of Compensation Analysis and Support Program Evaluation Plan	Document Number: DCAS-PER-067
Effective Date: 3/11/2016 Revision No. 0	Page 2 of 2

search identified 26 claims. One of these claims had been completed using revision 1 of the Appendix and was removed from further evaluation.

A new dose estimate was performed for the remaining 25 claims using revision 1 of the Appendix, as well as all other applicable approved dose reconstruction methods. The resulting probability of causation (POC) was below 45% for 23 claims. The two remaining claims had POC results greater than 52%.

NIOSH will provide the Department of Labor with the list of all claims evaluated under this PER. Further, NIOSH will request the return of the 2 claims that would now result in a probability of causation greater than 50%.