

**Division of Compensation Analysis and  
Support  
Program Evaluation Report**

Document Number: DCAS-PER-073  
Effective Date: 8/1/2016  
Revision No. 0

**Birdsboro Steel and Foundry Company**

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Approval: Signature on file Date: 8/1/2016  
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**RECORD OF ISSUE/REVISIONS**

<b>ISSUE AUTHORIZATION DATE</b>	<b>EFFECTIVE DATE</b>	<b>REV. NO.</b>	<b>DESCRIPTION</b>
8/1/2016	8/1/2016	0	New document to determine the effect of the revision to Appendix B of Battelle-TBD-6000 (Birdsboro) on previously completed claims.

**1.0 Description**

Dose reconstructions for the claims from the Birdsboro Steel and Foundry Company (Birdsboro) are performed using Appendix B of Battelle-TBD-6000. The Appendix was originally issued on 9/14/2007. Revision 1 to that document was issued on 6/2/2015. This PER (DCAS-PER-073) evaluates the effect of revision 1 on all previously completed claims.

**2.0 Issue Evaluation**

Revision 1 of Appendix B was an update to incorporate changes made to Battelle-TBD-6000. Additional changes were made to make the dose estimate more consistent with existing techniques. One of the results of these changes is an increase in ingestion intakes. That increases the dose estimate for all claims completed using an earlier version. Therefore, 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**

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 the Birdsboro site during the covered period and that had a probability of causation (POC) of less than 50%. This search identified 4 claims.

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A new dose estimate was performed for each of the 4 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 all 4 claims.

NIOSH will provide the Department of Labor with the list of all claims evaluated under this PER. Since none would now result in a POC greater than 50%, NIOSH will not request the return of any of the claims.