

Division of Compensation Analysis and Support Program Evaluation Report	Document Number: DCAS-PER-076 Effective Date: 2/15/2017 Revision No. 0
Aliquippa Forge TBD	
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RECORD OF ISSUE/REVISIONS			
ISSUE AUTHORIZATION DATE	EFFECTIVE DATE	REV. NO.	DESCRIPTION
2/15/2017	2/15/2017	0	New document to determine the effect of the revision to ORAUT-TKBS-0021, (Aliquippa Forge) on previously completed claims.

1.0 Description

Dose reconstructions for the claims from the Aliquippa Forge site have been performed using a TBD (ORAUT-TKBS-0021) originally issued on 12/21/2004. The document was revised on 4/26/2012. DCAS-PER-045 was issued on 5/13/2013 evaluating the effect of that revision on previously completed claims. A new revision (revision 2) of the TBD was issued on 11/16/2015. This PER (DCAS-PER-076) evaluates the effect of revision 2 of the TBD on all previously completed claims.

2.0 Issue Evaluation

The change in revision 2 of the TBD was based on a reevaluation of air sample data near the end of the operational period. Because of this reevaluation, the internal and external doses in the residual period (1950 through 1995) increased for all years. The revision did not change the internal or external operational period doses. The change therefore resulted in increased doses for all claims completed using an earlier version of the TBD that had employment during the residual period.

3.0 Plan for Resolution or Corrective Action

To evaluate the effect of revision 2 of the TBD on all previously completed claims, a search was conducted for all completed claims with verified employment at Aliquippa Forge that had a probability of causation (POC) of less than 50%. This search identified 26 claims. Five of these claims had employment only during the operational period and

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so the revision would not affect the calculated dose. Those five were removed from further evaluation.

A new dose estimate was performed for the remaining 21 claims using revision 2 of the TBD, as well as all other applicable approved dose reconstruction methods. The resulting probability of causation (POC) was below 45% for 20 claims. The one 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 the one claim that would now result in a POC greater than 50%.