

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

Document Number: DCAS-PER-085

Effective Date: 10/17/2018

**Texas City Chemicals, TBD Rev. 0**

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**RECORD OF ISSUE/REVISIONS**

<b>ISSUE AUTHORIZATION DATE</b>	<b>EFFECTIVE DATE</b>	<b>DESCRIPTION</b>
10/17/2018	10/17/2018	New document to determine the effect of issuing DCAS-TKBS-0011 (Texas City Chemicals TBD) on previously completed claims.

**1.0 Description**

A Technical Basis Document (TBD) for Texas City Chemicals (TCC) was issued on 11/2/2017. Prior to that, dose reconstructions utilized methods found in the TCC Special Exposure Cohort Evaluation Report (SEC000088 ER rev. 1).

The effect of issuing the TCC TBD on previously completed claims is the subject of this PER.

**2.0 Issue Evaluation**

Due to a typographical error in a date in Table 7-11 of the Evaluation Report (ER), external doses were decreased on 4/1/1955 when they should not have decreased until 10/1/1955. The error is corrected in Table 11 of the TBD. All other information in Table 11 are identical to Table 7-11 of the ER. Internal intakes increase in the residual period due primarily to a revision to ORAUT-OTIB-0070. The overall result was an increase in doses assigned starting in 1955.

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### **3.0 Plan for Resolving Corrective Action**

Only two TCC claims with a probability of causation (POC) below 50% were completed prior to the issue of revision 1 of the TCC Evaluation Report. Both of those claims qualified for compensation under the SEC and were not considered further in this PER.

A search of the NIOSH Claims Tracking System (NOCTS) database identified 17 claims with TCC employment and a POC below 50%. Two of the claims had employment ending before 1955 and were unaffected. Two others met the qualifications for compensation under the SEC. One additional claim had been pulled from dose reconstruction by DOL due to no qualified employment.

Dose for the remaining 12 claims was recalculated using the TCC TBD as well as all other applicable procedures. Ten of claims resulted in a new POC below 45% and two resulted in a POC between 45% and 50%. For these 2 claims, IREP was run 30 times at 10,000 iterations per NIOSH procedures. The resulting POC for both claims was less than 50%.

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