

Office of Compensation Analysis and Support
Program Evaluation Report

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Revision No. 0

Argonne National Lab - West TBD Revision

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Author: Signature on file Date: 9/20/2007 Supersedes: None
Dave Allen, HP Team Leader

Approval: Signature on file Date: 9/20/2007
J.W. Neton, Associate Director for Science

RECORD OF ISSUE/REVISIONS

| ISSUE AUTHORIZATION DATE | EFFECTIVE DATE | REV. NO. | DESCRIPTION |
|---------------------------------|-----------------------|-----------------|--|
| 9/20/2007 | 9/20/2007 | 0 | New document to determine which previously completed claims require evaluation for the effect of revising the ANL-W TBD. |

1.0 Description

The Occupational Medical Dose section of the Argonne National Lab – West Technical Basis Document (ORAUT-TKBS-0026-3) was revised on 5/16/2005. The original version was issued on 9/9/2004. This document was revised again on 7/30/2007 to add Attributions and Annotations and other format changes but no change was made to dose assignments. Revisions were made to other sections of the ANL-W TBD but none of these revisions affected dose assignments.

2.0 Issue Evaluation

The revision to the ANL-W TBD revised the default frequency of x-ray examinations between 1954 and 1974. This default frequency went from values based on the employee's age to annual for all employees. The default frequency is not used for claims in which records of x-ray examinations are provided by DOE.

Prior to the issue of the site specific TBD, ORAUT-OTIB-0006 was used as a complex wide estimate of occupational medical dose. This document provides a default frequency of annual x-ray exams.

3.0 Plan for Resolution or Corrective Action

There were 22 ANL-W completed with a probability of causation below 50% prior to the change in default frequency. NIOSH will review the records of each claim to determine if an x-ray frequency less than annually was used to complete the dose reconstruction for claims in which no medical records were received from DOE. NIOSH will provide DOL with the list of 22 claims as well as a determination on each claim as to whether a new Dose Estimate is required.