

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

Document Number: OCAS-PER-026

Effective Date: 10/31/2007

Revision No. 0

**Pantex TBD Revision – ORAUT-TKBS-0013**

Page 1 of 2

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RECORD OF ISSUE/REVISIONS

ISSUE AUTHORIZATION DATE	EFFECTIVE DATE	REV. NO.	DESCRIPTION
10/31/2007	10/31/2007	0	New document to determine which previously completed claims require evaluation for the effect of revising the Pantex TBD.

**1.0 Description**

The Occupational Medical Dose section of the Pantex Technical Basis Document (ORAUT-TKBS-0013-3) was revised on 2/1/2007. The original version was issued on 8/24/2004. Revisions were made to other sections of the Pantex TBD, but none of these revisions affected dose assignments.

**2.0 Issue Evaluation**

The revision to the Pantex TBD revised the assigned dose for x-ray examinations for some organs during specific time frames. The assigned x-ray dose was increased for the thyroid, testes and uterus target organs for chest examinations that occurred between 1967 and 1971. The assigned x-ray dose was increased for ovaries, urinary bladder, and colon target organs for chest examinations that occurred between 1967 and 1971 and between 1995 and 2004, as well as lateral lumbar spin examinations occurring before 1/1/1982. The assigned x-ray dose was increased for skin target organs from AP lumbar spine examinations occurring before 1/1/1982.

The Department of Energy provided records of these examinations when they were available. It is therefore, not possible to determine which claims were assigned doses from these examinations without reviewing each potentially affected claim.

**3.0 Plan for Resolution or Corrective Action**

There were 50 Pantex claims meeting the employment dates and target organ criteria above that were completed with a probability of causation below 50% prior to 2/1/2007. NIOSH will review the records of each claim to determine if the dose assigned in the revised TBD is higher than that assigned in the dose reconstruction. NIOSH will provide DOL with the list of 50 claims as well as a determination on each claim as to whether a

<b>Office of Compensation Analysis and Support</b> <b>Program Evaluation Plan</b>	Document Number: OCAS-PER-026
Effective Date: 10/31/2007      Revision No. 0	Page 2 of 2

new Dose Estimate is required. Documentation for each claim not requiring a new dose reconstruction will provide the basis for that determination.