



## Model Error Resolution Document

QA: QA  
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*Complete only applicable items.*

### INITIATION

1. Originator: Wendy Mitcheltree	2. Date: 3/31/08	3. ERD No. ANL-WIS-MD-000020 ERD 01
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4. Document Identifier: ANL-WIS-MD-000020 REV 01 AD01	5. Document Title: Initial Radionuclide Inventories
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6. Description of and Justification for Change (Identify applicable CRs and TBVs):

#### Introduction

This document was created to make changes in order to resolve of 1 TBV (8564) and 1 CR (11657). This document presents the disposition of the TBV and CR, identifies changes to the AMR and evaluates impact on the conclusions of the AMR.

#### **1.) TBV-8564:**

**Background Information Summary:** In one instance in Section 5.18 (assumption) Section 4.1.3 of SNL 2007 [DIRS 179394] indicates 173 packages, not 163 as in the text.

#### **AMR change:**

Section 5.18[a]: changed as follows: Also, this number is close to the number indicated by the identification of 173 waste packages, each containing 12 assemblies, in *Total System Performance Assessment Data Input Package for Requirements Analysis for TAD Canister and Related Waste Package Overpack Physical Attributes Basis for Performance Assessment* (SNL 2007 [DIRS 179394]).

**Impact Evaluation:** The assumption value of 163 is close to the actual value of 1,995/12 which is 166.25. The 166.24 value, when scaled up to the full repository is 173. In either case, the point is to indicate that these longer waste packages make up a small number of the total number of waste packages. Therefore, the difference between 163 and 173 is not significant. There is no change needed for the DIRS report to resolve this TBV.

#### **2.) CR-11657: Addenda Input Inconsistencies**

**Background Information Summary:** The following inconsistencies were identified in the DIRS report: Two references (168761 and 177422) listed on the DIRS report as direct input were not included in Section 4 of the addendum and two references (180715 and 176715) listed in the addendum were identified as Established Fact. However, the DIRS report identifies them as Data.

**AMR changes:** DIRS 177422 will be added to Table 4-1[a] follows:

MOX and LaBs Data		
Dates and inventory for LaBs & MOX	Section 7.1	SNL 2007 [DIRS 177422]

### CONCURRENCE

	Printed Name	Signature	Date
7. Checker	Christine Stockman	<i>Christine Stockman</i>	4/2/08
8. QCS/QA Reviewer	Robert E. Spencer	<i>Robert E. Spencer</i>	4/02/08

### APPROVAL

9. Originator	Wendy Mitcheltree	<i>Wendy Mitcheltree</i>	4/2/08
10. Responsible Manager	Paul Dixon	<i>Paul Dixon</i>	4-3-08



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6. Description of and Justification for Change (Identify applicable CRs and TBVs): (Continued)		
<p><b>DIRS changes:</b> DIRS 168761 is an Output DTN from the parent report and will be removed from corrected DIRS report. DIRS 177422 will be split into an Indirect and Direct Input and reflected on a corrected DIRS report. DIRS 180715 and 176715 will be changed to Established Fact in the corrected DIRS report.</p> <p><b>Impact Evaluation/Results:</b> There is no impact to the conclusion of the report; these changes are an opportunity for improvement to improve transparency and traceability.</p> <p>Below is a list of AMR's that use ANL-WIS-MD-000020 REV 01 AD01 (180472). There is no impact to any of these documents because there are no substantial text changes other than changes related to the citation of a Table number for the source.</p> <p>ANL-EBS-MD-000049 Rev. 03, Addendum 01, ANL-NBS-HS-000057 Rev. 00, ANL-WIS-MD-000024 Rev. 01, ANL-WIS-MD-000027 Rev. 00, ANL-WIS-PA-000001 Rev. 03, MDL-NBS-HS-000008 Rev. 02, Addendum 01, MDL-NBS-HS-000021 Rev. 03, Addendum 02, MDL-WIS-PA-000005 Rev. 00, MDL-WIS-PA-000005 Rev. 00, Addendum 01, TDR-TDIP-ES-000006 Rev. 00, TDR-TDIP-ES-000010 Rev. 00, TDR-WIS-PA-000014 Rev. 00, DOE/EIS-0250-S1D MiscId 17, LASAR-2.3.5, and LASAR-2.3.7</p>		