

BSC

Technical Report Administrative Change Notice

QA: QA
Page 1 of 2

Complete only applicable items.

1. Document Number: TDR-MGR-MD-000037	2. Revision: 2	3. ACN: <i>Q1</i>
4. Title: Postclosure Modeling and Analyses Design Parameters		<i>Boill 3-11-08</i>

5. Approvals:		
Originator:	R.H. Spencer Jr. <i>RH Spencer Jr</i> Print name and sign	03/11/2008 Date
Checker:	O.D. Smith <i>adri k</i> Print name and sign	3/11/2008 Date
QER:	L.G. Abernathy <i>L.G. Abernathy</i> Print name and sign	3/11/2008 Date
Lead or Supervisor:	J.S. Whitcraft <i>J.S. Whitcraft</i> Print name and sign	3/11/08 Date
Responsible Manager or Project Engineer:	J.S. Whitcraft <i>J.S. Whitcraft</i> Print name and sign	3/11/08 Date
6. Affected Pages	7. Reason for, and Description of Change:	
42 of 70	For clarification of the parameter range, revised text of Table 1, Parameter 03-23, from "The waste package surface finish shall be specified to be at least 125 roughness as defined in ASME B46.1 [DIRS 166013]," to "The waste package surface finish shall be specified to be 125 roughness or better as defined in ASME B46.1 [DIRS 166013]," [emphasis added]. "...at least 125..." is ambiguous in this context in that surface finishes at least as good as 125 roughness would be in the range from 0 roughness up to 125 roughness.	

No.	Parameter	Derived Internal Constraint	Postclosure Basis
03-21	Waste Package Handling	The waste package shall be handled in a controlled manner during fabrication, handling, transport, storage, emplacement, installation, operation, and closure activities to minimize damage; surface contamination; and exposure to adverse substances.	<p>Representative analyses:</p> <ul style="list-style-type: none"> • FEP 2.1.03.01.0A – General corrosion of waste packages (BSC 2005 [DIRS 174995], Section 6.2.2); • FEP 2.1.03.08.0A – Early failure of waste packages (BSC 2005 [DIRS 174995], Section 6.2.15); • <i>General Corrosion and Localized Corrosion of Waste Package Outer Barrier</i> (SNL 2007 [DIRS 178519], Section 5.1)
03-22	Waste Package Handling and Emplacement	Waste package handling and emplacement activities shall be monitored through equipment with resolution capable of detecting waste package damage. An operator and an independent checker shall perform the operations. Records demonstrating compliance shall be maintained.	<p>Representative analysis:</p> <ul style="list-style-type: none"> • FEP 1.1.03.01.0A – Error in waste emplacement (BSC 2005 [DIRS 174995], Section 6.2.1).
03-23	Waste Package Surface Finish	The waste package surface finish shall be specified to be 125 roughness or better as defined in ASME B46.1 [DIRS 166013].	<p>Representative analyses:</p> <ul style="list-style-type: none"> • FEP 2.1.03.08.0A – Early failure of waste packages (BSC 2005 [DIRS 174995], Section 6.2.15).