

Calculation/Analysis Change Notice

Complete only applicable items.

3. Document Identifier: 800-KMC-SSE0-00100-000	ENG.20080304.0024	4. Rev.: 00C	5. CACN: 001
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6. Title:
Emplacement Drift Operations Configuration

7. Reason for Change:
This CACN is being created to amend the Quality Assurance information of the *Emplacement Drift Operations Configuration* to be consistent with revisions to the *Basis of Design for the TAD Canister-Based Repository Design Concept*. The document's safety classification was based on the BOD at the time of issue and is being amended to reflect recent changes in the system safety classifications which include:

- The subsurface emplacement drift classification of ITS and ITWI was changed to non-ITS and ITWI
- The subsurface non-emplacement openings classification of ITS and non-ITWI was changed to non-ITS and non-ITWI.

Adding Reference 2.2.12 meets the management direction to align the Safety Analysis Report related reference quality statements with the current BOD. Reference 2.2.9, the BOD revision current on the document's approval date, is preserved to maintain the calculation's continuity.

8. Supersedes Change Notice: Yes If, Yes, CACN No.: _____ No

9. Change Impact:

Inputs Changed: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Results Impacted: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Assumptions Changed: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Design Impacted: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

10. Description of Change:
Revise Pages 9 and 10 as follows:

(Page 9) Add reference 2.2.12:

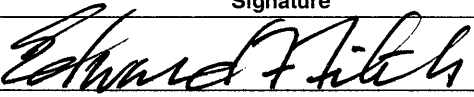
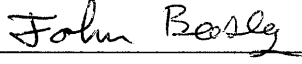
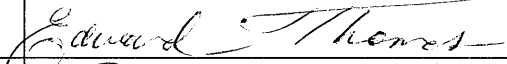
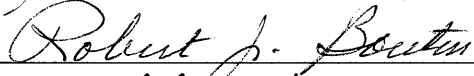

BSC 2008. *Basis of Design for the TAD Canister-Based Repository Design Concept*. 000-3DR-MGR0-00300-000-002. Las Vegas, Nevada: Bechtel SAIC Company. ACC: ENG.20080229.0007.

(Page 10) Section 4.1, Quality Assurance;

This analysis was prepared in accordance with EG-PRO-3DP-G04B-00037, *Calculations and Analyses* (Ref. 2.1.1). The emplacement drift is classified as a Safety Category item, important to safety and important to waste isolation, in *Basis of Design for the TAD Canister-Based Repository Design Concept* (BOD) (Ref. 2.2.9, p. 94). In the BOD the emplacement drift invert (ballast) is a safety category item classified as important to waste isolation (Ref. 2.2.9, p. 94). The rails, ground support for emplacement drifts, and emplacement drift invert (steel) are classified as non-safety category items in the BOD (Ref. 2.2.9, p. 94). The approved version of this analysis is designated as QA:QA.

is replaced as follows:

This calculation was prepared in accordance with EG-PRO-3DP-G04B-00037, *Calculations and Analyses* (Reference 2.1.1). The Subsurface Facility is classified as not important to safety and the emplacement drifts are classified as important to waste isolation in the *Basis of Design for the TAD Canister-Based Repository Design Concept* (Reference 2.2.12, Section 8.1.2). Therefore, the approved version this calculation is designated as QA: QA.

11. REVIEWS AND APPROVAL		
Printed Name	Signature	Date
11a. Originator: Edward Fitch		01 MAR 08
11b. Checker: John Beesley		3-1-2008
11c. EGS: Edward Thomas		3/1/08
11d. DEM: Robert J. Boutin		3/1/08
11e. Design Authority: B. Rusinko		3/3/08