BSC

Calculation/Analysis Change Notice

Complete only applicable items.

1. QA: QA
2. Page 1 of 1

3. Document Identifier:	ENG.20080304.0021	4. Rev.:	5. CACN:
800-KMC-SS00-00200-000		00B	002

6. Title:
Underground Layout Configuration for LA

7. Reason for Change:
This CACN is being created to amend the Quality Assurance information of the *Underground Layout Configuration for LA* to be consistent with updates to the *Basis of Design for the TAD Canister-Based Repository Design Concept* (BOD). 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 2.2.7, 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:	☒ Yes	☐ No	Results Impacted:	☐ Yes	☒ No
Assumptions Changed:	☐ Yes	☒ No	Design Impacted:	☐ Yes	☒ No

10. Description of Change:
Revise Pages 11 and 14 as follows:

(Page 11) 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 14) Section 4.1, Quality Assurance;

> 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 a Safety Category item (important to safety and important to waste isolation) in the Basis of Design (Reference 2.2.7). Therefore, the approved version 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* (BOD)(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	Edward F. Fitch	01 MAR 08
11b. Checker: John Beesley	John Beesley	3-1-2008
11c. EGS: Edward Thomas	Edward Thomas	3/1/08
11d. DEM: Robert J. Boutin	Robert J. Boutin	3/1/08
11e. Design Authority: B. Rusinko	B Rusinko	3/3/08