| BSC | Calculation/Analysis Change Notice<br>*Complete only applicable items.* | 1. QA: QA<br>2. Page 1 of 1 |
|---|---|---|

| 3. Document Identifier: | ENG.20080304.0028 | 4. Rev.: | 5. CACN: |
|---|---|---|---|
| 800-K0C-SSE0-00100-000 | | 00C | 001 |

6. Title:
Ground Control for Emplacement Drifts for LA

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

- The subsurface emplacement drifts classification of ITS/ITWI was changed to non-ITS and ITWI.

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 17, 20 and 24 as follows:

On page 20, add reference 2.2.52:

2.2.52 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.

On page 24, Section 4.1 Quality Assurance

"The Q-List designates the ground control system for emplacement drifts as 'not important to waste isolation', and 'not important to safety', and the Safety Category (SC) is 'Non-SC' (Reference, p. A-11). However, this document is prepared with a QA:QA status since the Q-List designates the emplacement drifts as 'important to waste isolation', and 'important to safety', and the Safety Category is 'SC' (Reference 2.2.18, p. A-11)."

is replaced as follows:

"The Subsurface Facility is classified as "not important to safety" (non-ITS) and the emplacement drifts are classified as "important to waste isolation" (ITWI) in the *Basis of Design for the TAD Canister-Based Repository Design Concept* (Reference 2.2.52, Section 8.1.2). Accordingly, this calculation is designated as QA: QA."

On page 17, delete Reference 2.2.18: BSC 2005. *Q-List.* 000-30R-MGR0-00500-000-003. Las Vegas, Nevada: Bechtel SAIC Company. ACC: ENG.20050929.0008. [DIRS 175539]

Adding Reference 2.2.52 meets the management direction to align the SAR related reference quality statements with the current BOD. Reference 2.2.19, the previous BOD revision that was effective on the calculation's approval date, is preserved to maintain the calculation's traceability.

11. **REVIEWS AND APPROVAL**

| Printed Name | Signature | Date |
|---|---|---|
| 11a. Originator:<br>David H. Tang | David H. Tang | 3/1/08 |
| 11b. Checker:<br>Jay Cho | Jay Cho | 3/1/08 |
| 11c. EGS:<br>Fei Duan | Fei Duan | 3/1/08 |
| 11d. DEM:<br>Robert J. Boutin | Robert J. Boutin | 3/1/08 |
| 11e. Design Authority:<br>B. Rusinko | B Rusinko | 3/1/08 |