BSC

Calculation/Analysis Change Notice

Complete only applicable items.

1. QA: QA
2. Page 1 of 1

3. Document Identifier:	4. Rev.:	5. CACN:
51A-DBC-IH00-00100-000	00A	001

6. Title:
Initial Handling Facility (IHF): Concrete Structure Design

7. Reason for Change:
The design response spectrum shown in reference 2.2.21 has been qualified with a caveat indicating that spectral values of points with a period of 3.33 second and above are plotted incorrectly. As a result it has been determined that the highest period at which the spectral values are qualified is 2 seconds. This caveat limits the data in DTNs MO0706DSDR5E4A.001.

3/1/2008

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:
Delete from Ref 2.2.21 the statement "TBV#9130" from the reference because of the qualification of the DTN.

Add the following as Paragraph 2 of Section 7 of the calculation:

MO0706DSDR5E4A.001 (Ref. 2.2.21) has been qualified with a caveat that limits the validity of results for SSCs with frequencies greater than 0.5 hertz (below 2 second period).

The modes shown in Attachment D, "Table: Modal Load Participation Ratios" indicate the structure's first mode for all cases have a frequency above the 0.5 hertz (below 2 seconds period) threshold. Therefore it is concluded that the building response is not affected by the caveat indicated above.

11. REVIEWS AND APPROVAL

Printed Name	Signature	Date
11a. Originator: T. K. McEwan		3/1/2008
11b. Checker: Surendra Goel		3/1/2008
11c. EGS: Thomas Frankert	Thomas Frankert	3/1/2008
11d. DEM: Raj Rajagopal		3/1/2008
11e. Design Authority: Barbara Rusinko		3/1/08