BSC

Calculation/Analysis Change Notice

1. QA: QA

Complete only applicable items.

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 DTN MO0706DSDR5E4A.001. | | | | |
| 5.3/1/2008 | | | | |
| 3. 311/200 | | | | |
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| 8. Supersedes Change Notice: | Yes If, Yes, CACN No.: | | | ⊠ No |
| 9. Change Impact: | | | | |
| Inputs Changed: | es | Results Impacted: | Yes | ⊠ No |
| Assumptions Changed: | es 🛛 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: | | | | |
| MOOTOCOCOODETAA OO1 (Def 2.2.21) her her weeks a middle constant that limite the well-life of mounts for CCC with from an air a | | | | |
| 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). | | | | |
| 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. | | | | |
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| 11. REVIEWS AND APPROVAL | | | | |
| Printed Name | 112112 | Signature | | Date |
| 11a. Originator: | | | | / / |
| T. K. McEwan | | Mr Elle | - | 3/1/2008 |
| 11b. Checker: | | ··· / | | - 1 7 |
| Surendra Goel | <u>د</u> | Me Even | | 5/1/2008 |
| 11c. EGS: | | | | · . |
| Thomas Frankert | | a the f | | 3/1/2008 |
| 11d. DEM: | A A | and the same of th | | 2/1/200 |
| Raj Rajagopal | | approx | , i | \$ 11 1000 |
| 11e. Design Authority: | | | | |
| Barbara Rusinko | | Rusinko | | 3/1/08 |