BSC

Calculation/Analysis Change Notice

Complete only applicable items.

1. QA: QA
2. Page 1 of 1

3. Document Identifier:	ENG.20080303.0021	4. Rev.:	5. CACN:
200-SYC-RF00-01100-000		00A	001

6. Title:
RF Seismic Analysis – 2007 Seismic Input Ground Motions

7. Reason for Change:
The design response spectra shown in references 2.2.9 and 2.2.10 have 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 and MO0706DSDR1E4A.001.

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:
Remove from Ref. 2.2.9 the statement "TBV- 8739" and from Ref. 2.2.10 the statement "TBV- 8738" from the references because of the qualification of the DTN.

Add the following after the first paragraph of Section 7.2 of the calculation:

MO0706DSDR5E4A.001 (Ref. 2.2.9) and MO0706DSDR1E4A.001 (Ref. 2.2.10) have 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 Tables C1, C2, C3, D1, D2, & D3 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	T. K. McEwan	3/1/2008
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11e. Design Authority: Barbara Rusinko	B. Rusinko	3/1/08