

**BSC**

## Calculation/Analysis Change Notice

1. QA: QA  
2. Page 1 of 1

*Complete only applicable items.*

3. Document Identifier: 51A-SSC-IH00-00600-000	4. Rev.: 00B	5. CACN: 001
6. Title: IHF Steel Structure Seismic Analysis and Steel Member Design		
7. Reason for Change: The design response spectrum shown in reference 2.2.15 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.  <i>3/1/08</i>		
8. Supersedes Change Notice: <input type="checkbox"/> Yes    If, Yes, CACN No.: _____ <input checked="" type="checkbox"/> No		
9. Change Impact:		
Inputs Changed: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Results Impacted: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Assumptions Changed: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Design Impacted: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
10. Description of Change: Remove from Ref. 2.2.15 the statement "TBV- 9126" from the references because of the qualification of the DTN.  Add the following to the beginning of Section 7.2 of the calculation:  MO0706DSDR5E4A.001 (Ref. 2.2.15) 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 Table 6.6.3 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.		
<b>11. REVIEWS AND APPROVAL</b>		
<b>Printed Name</b>	<b>Signature</b>	<b>Date</b>
11a. Originator: T. K. McEwan	<i>T. K. McEwan</i>	3/1/2008
11b. Checker: Surendra Goel	<i>Surendra Goel</i>	3/1/2008
11c. EGS: Thomas Frankert	<i>Thomas Frankert</i>	3/1/2008
11d. DEM: Raj Rajagopal	<i>Raj Rajagopal</i>	3/1/2008
11e. Design Authority: Barbara Rusinko	<i>Barbara Rusinko</i>	3/1/08