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ASCE 7-05 Section 11.7.2 applies to Seismic  
*Page 4/9*

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Design Category A (SDC A) only -- which means, if you are designing a structure with SDC A, you don't need to go to Chapter 12 for seismic requirements. Refer to the commentary (C11.7) for more explanation. Murali SL • 4 years ago

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CHAPTER C11 SEISMIC DESIGN CRITERIA spectrum for a specific earthquake ground motion provides the maximum value of response for elastic single-degree-of-free-dom oscillators as a function of period without the need to reflect the total response history for every period of interest. The design response spectrum specified in Section 11.4 and used in the basic methods of analysis in Chapter 12 is ...

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The introductory chapter of the book is based on the keynote presentation given at the workshop by the late Professor Helmut Krawinkler. As such, the book includes Helmut's last and priceless address to the engineering community, together with his vision and advice for the future development of performance-based design, earthquake engineering and seismic risk management. Show all. Table of ...

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## **JPT Seismic Provider SAExploration Files for Bankruptcy ...**

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commensurate performance at the BSE-2E Seismic Hazard Level as the BPOE indicates. For example, in New Madrid, Missouri, for Site Class D and short period spectral acceleration, where the BSE-1E to BSE-1N ratio is 0.16, the BSE-2E to BSE-1E ratio is nearly 8, while the ratio of Collapse Prevention to Life Safety m-factors is 1.3. This is addressed in ASCE 41-17 by requiring the use of the BSE ...

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Section 11.4.2 (Chapter 22) ... - National Seismic Hazard Maps provide updated estimates of 2% in 50-year uniform hazard spectra (UHS) of median (RotD50) ground motions - The design values of ASCE 7-10 were derived from the 2009 update of the NSHMP maps (USGS OFR 2008-1128) - The design values of ASCE 7-16 were derived from the 2014 update of the NSHMP maps (USGS OFR 2014-1091) New ...

## **New Ground Motion Requirements of ASCE 7-16**

4 Seismic Performance and Seismic Retro?t 8 Project Approach First-year activities Second-year activities Third-year activities Chapter 2 11 Overview and Procedures for Models 1-9 11 Seismic Retro?t Techniques 13 Overview of Tests 14 Description of Materials and Models Adobe material Model design and construction Retro?t measures Model similitude 17 Description of Test Procedure Test ...

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