

## PMSTPCOL PEmails

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**From:** Foster, Rocky  
**Sent:** Monday, August 20, 2012 9:50 AM  
**To:** Scheide, Richard  
**Cc:** Head, Scott; STPCOL  
**Subject:** Seismic Follow-up Information

Dick,

The following is follow-up information from our August 15, 2012:

The following figures were used from the CEUS-SSC report (<http://www.ceus-ssc.com/Report/Chapter8.html>): Figure 8.2-3j, 8.2-3k, and 8.2-3k. From each figure, the spectral acceleration values were obtained at 10<sup>-4</sup> and 10<sup>-5</sup> annual exceedance frequencies from the black curve (i.e. COLA model 2003 to 2009 for Houston). These hazard values were compared to the STP hazard curves and observed that they are not similar. The GMRS were calculated at 1 Hz, 10 Hz, and PGA for the Houston COLA model and compared these values with the STP "hard rock" GMRS. The comparison shows that the Houston COLA model hard rock GMRS (at the above mentioned frequencies) is significantly lower than the STP hard rock GMRS.

Thanks,

Rocky D. Foster  
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US Nuclear Regulatory Commission  
Office of New Reactors  
Division of New Reactor Licensing  
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**Subject:** Seismic Follow-up Information  
**Sent Date:** 8/20/2012 9:50:12 AM  
**Received Date:** 8/20/2012 9:50:14 AM  
**From:** Foster, Rocky

**Created By:** Rocky.Foster@nrc.gov

**Recipients:**

"Head, Scott" <smhead@STPEGS.COM>  
Tracking Status: None  
"STPCOL" <STP.COL@nrc.gov>  
Tracking Status: None  
"Scheide, Richard" <rhscheide@STPEGS.COM>  
Tracking Status: None

**Post Office:** HQCLSTR01.nrc.gov

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**Return Notification:** No  
**Reply Requested:** No  
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