

DE FOIA Resource

From: Munson, Clifford *MC*  
Sent: Wednesday, August 24, 2011 3:26 PM  
To: Ake, Jon; Li, Yong  
Cc: Kammerer, Annie  
Subject: RE: nanna groud motion

*Glad you like the error bars! I occasionally do something right. Thanks for the info in the Excel spreadsheet. Go back to your vacation!*

—Original Message—

From: Ake, Jon *RES*  
Sent: Wednesday, August 24, 2011 1:19 PM  
To: Munson, Clifford; Li, Yong  
Cc: Kammerer, Annie  
Subject: RE: nanna groud motion

*Cliff-  
looks good. It is important to note that you have plotted median predicted w/ error bars (good job!).*

*Attached is a sheet with what I think the seismic instrumentation of record for North Anna is. We have no easy way of knowing what if anything has been updated. There is also a sheet in this wkbook that has summary results for GMRS using my USGS results. It assumes hard rock site conditions, if there is soil or the rock Vs is less than 2.8 km/sec. the GMRS will be greater than predicted.*

*Annie- consistent with our discussion last night, this shows that the updated models will suggest higher design basis motions than Appendix A results at ~ 70% of the plants.*

*Jon*

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From: Munson, Clifford *MC*  
Sent: Wednesday, August 24, 2011 8:26 AM  
To: Li, Yong  
Cc: Kammerer, Annie; Ake, Jon  
Subject: nanna groud motion

*Estimate of Nanna Earthquake Ground motion response spectrum compared to Nanna SSE using EPRI Ground Motion Prediction Equations.*

*E/25* (1)