

**From:** John Ellis [<mailto:jhellis@sequoyahfuels.com>]  
**Sent:** Wednesday, March 08, 2017 4:01 PM  
**To:** Kalman, Kenneth <[Kenneth.Kalman@nrc.gov](mailto:Kenneth.Kalman@nrc.gov)>  
**Subject:** [External\_Sender] Oklahoma seismic activity assessment

Ken,

I had our consulting engineers review the increase in seismic activity in Oklahoma and determine if the disposal cell design was still adequately conservative given the increase, particularly for events in the 5 magnitude. Their report (attached) concludes that the peak ground acceleration (PGA) at the SFC site from a 5.8 magnitude event with an epicenter 122 miles away would be significantly lower than the PGA used in the SFC cell slope stability analysis (0.006 g versus 0.27 g).

John