

42

**From:** Martin, Robert *MR*  
**To:** Munson, Clifford; Khanna, Meena; Wilson, George  
**Cc:** Boyle, Patrick  
**Subject:** RE: Info Request re: North Anna and Earthquakes  
**Date:** Wednesday, August 31, 2011 2:21:39 PM

Also Perry NUREG-0887, Supplement -9, says the Perry EQ exceeded the design spectra at high frequencies for the OBE and the SSE. Etc, etc.

---

**From:** Munson, Clifford  
**Sent:** Wednesday, August 31, 2011 1:03 PM  
**To:** Martin, Robert  
**Subject:** RE: Info Request re: North Anna and Earthquakes

Great thanks.

---

**From:** Martin, Robert  
**Sent:** Wednesday, August 31, 2011 12:33 PM  
**To:** Munson, Clifford; Wilson, George; Karas, Rebecca; Kammerer, Annie; Manoly, Kamal; Kulesa, Gloria; Khanna, Meena; Thomas, George; Chokshi, Niles  
**Subject:** RE: Info Request re: North Anna and Earthquakes

ML040970068 (March 29, 2004) says horizontal free field for the San Simeon EQ was .05 so it doesn't look like that came anywhere near Diablo's 3 EQ criteria.

---

**From:** Munson, Clifford *MC*  
**Sent:** Wednesday, August 31, 2011 11:51 AM  
**To:** Wilson, George; Karas, Rebecca; Kammerer, Annie; Manoly, Kamal; Martin, Robert; Kulesa, Gloria; Khanna, Meena; Thomas, George; Chokshi, Niles  
**Subject:** RE: Info Request re: North Anna and Earthquakes

I spoke with Goutam Bagchi who has been with the NRC for many years and the only OBE exceedance other than Perry and NAnna may have been Diablo Canyon (from the San Simeon earthquake?). We need to check this because I am not sure that it exceeded their OBE. Goutam believes the incident at Fermi was some damage from a tornado and not an earthquake.

Niles do you know more details?

Cliff

---

**From:** Wilson, George *WR*  
**Sent:** Wednesday, August 31, 2011 11:24 AM  
**To:** Karas, Rebecca; Munson, Clifford; Kammerer, Annie; Manoly, Kamal; Martin, Robert; Kulesa, Gloria; Khanna, Meena; Thomas, George  
**Subject:** FW: Info Request re: North Anna and Earthquakes  
**Importance:** High

Please assist and gather the data and answer the questions below. What plants have exceeded OBE and What plants have exceeded SSE, this information is needed by COB today. I greatly appreciate your help and support in this issue. Please send the data to me.

*E/34* (13)

**From:** Bowman, Gregory <sup>19DO</sup>  
**Sent:** Wednesday, August 31, 2011 11:01 AM  
**To:** Wilson, George; Khanna, Meena  
**Subject:** FW: Info Request re: North Anna and Earthquakes  
**Importance:** High

George and Meena,

Bill Dean (who's acting for Marty this week) sent the e-mail below to Jack and Eric. The Chairman asked that we confirm which plants have experienced earthquakes exceeding the SSE (the e-mail below says OBE – I could be wrong, but I think he meant SSE – if we know both, that would be good for me to pass along, too). I need to share whatever we have with OPA and the Commission offices before the end of the day, so if you can get back to me before then, I would appreciate it.

Greg

---

**From:** Dean, Bill <sup>11-11</sup>  
**Sent:** Wednesday, August 31, 2011 8:47 AM  
**To:** Grobe, Jack; Leeds, Eric  
**Cc:** Virgilio, Martin; Bowman, Gregory; Merzke, Daniel  
**Subject:** Info Request re: North Anna and Earthquakes

As we discussed this morning, we need to develop some technically oriented Q and A that can help our public affairs people properly address some of the questions that they are getting. On a nearer term basis, Bill B. just came from the Chairman's office with a question the Chairman would like us to get a straight answer to all the commissioners/OPA "how many sites have exceeded OBE in the past" – I believe it is only Perry, but some are saying FERMI as well. Do we have this information definitively, and if so, can we work with the OEDO staff to get this info walked around to the Commission offices and OPA today? Thanks.

Bill