

## NRR-PMDAPEm Resource

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**From:** Orf, Tracy  
**Sent:** Thursday, October 27, 2011 2:55 PM  
**To:** Wasik, Chris  
**Subject:** St. Lucie 1 EPU question on setpoint related to seismic uncertainty

Chris,

Please see below. Let's discuss this again and I'll try to make it clearer and resend it.

Thanks,

Trace

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St. Lucie  
Plant Licensing Branch II-2  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation  
Phone: (301) 415-2788

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Unit 1

Westinghouse calculations CN-TAS-08-36, Rev.1 provided a justification in paragraph 4.4.7 for not including the seismic error. It should be noted that there is no automatic plant shutdown subsequent to an earthquake even if it exceeds OBE levels and that the plant is allowed to operate for aftershocks (with amplitudes less than OBE) as well. In addition, it will take several hours after an earthquake occurs to determine whether or not the earthquake exceeded the OBE level. Safety related instrument functions, that must remain operable following events postulated to address the phenomena in 10 CFR 50, Appendix A, criterion 2, should account for the effects of such phenomena in establishing the safety-related settings. Inclusion of seismic error or a justification based on technical reasons is requested.

**Hearing Identifier:** NRR\_PMDA  
**Email Number:** 262

**Mail Envelope Properties** (Tracy.Orf@nrc.gov20111027145400)

**Subject:** St. Lucie 1 EPU question on setpoint related to seismic uncertainty  
**Sent Date:** 10/27/2011 2:54:43 PM  
**Received Date:** 10/27/2011 2:54:00 PM  
**From:** Orf, Tracy

**Created By:** Tracy.Orf@nrc.gov

**Recipients:**  
"Wasik, Chris" <Chris.Wasik@fpl.com>  
Tracking Status: None

**Post Office:**

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MESSAGE	1182	10/27/2011 2:54:00 PM

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