

**ADVISORY COMMITTEE ON REACTOR SAFEGUARDS
AP10000 SUBCOMMITTEE**

– Levy Seismic Reevaluation –

January 18, 2013

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= AGENDA =			
Topic		Presenter(s)	Time
1	Opening Remarks	Harold Ray, ACRS	8:30 – 8:35 AM
2	Progress Energy Staff Presentation <ul style="list-style-type: none"> • Summary of previous Levy seismic hazard evaluations • Summary of Central and Eastern United States (CEUS) Seismic Source Characterization (SSC) model • CEUS SSC seismic hazard evaluation results • Evaluation of site-specific design and seismic margin for CEUS SSC seismic hazards 	Robert Kitchen, PEF Robert Youngs, AMEC A K Singh, S&L	8:35 – 9:50 AM
	Break		9:50 - 10:10AM
3	NRC Staff Presentation <ul style="list-style-type: none"> • Recommendation 2.1, Seismic Hazard Reevaluation <ul style="list-style-type: none"> ○ Overview of new requirements and basis of the LNP sensitivity analysis <ul style="list-style-type: none"> ▪ Overview of the CEUS SSC model (NUREG-2115) ▪ Updated cumulative absolute velocity (CAV) filter (SECY 12-0025) ▪ Validation of the new model realization ○ Implementation and impact of seismic hazard reevaluation <ul style="list-style-type: none"> ▪ Rock hazard calculations ▪ Ground motion response spectra (GMRS) calculations with new CAV requirements ▪ Comparison of EPRI SOG scaled GMRS with the GMRS from the CEUS SSC model ▪ Impact of the new model on performance based soil response spectra and 	Donald Habib, NRO Vladimir Graizer, NRO Stephanie Devlin, NRO Vaughn Thomas, NRO Bret Tegeler, NRO	10: 10 - 11:20 AM

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Topic		Presenter(s)	Time
	liquefaction potential <ul style="list-style-type: none">○ Impact of seismic hazard reevaluation on SSCs<ul style="list-style-type: none">▪ Standard plant▪ Site-specific features▪ Minimum seismic hazard▪ Seismic margin		
4.	Committee Discussion	Harold Ray, ACRS	11:20 – 11:30 AM

Notes:

- During the meeting, Telephone No. 301-415-7360 should be used to contact anyone in the ACRS Office.
- Presentation time should not exceed 50 percent of the total time allocated for a given item. The remaining 50 percent of the time is reserved for discussion.
- Thirty five (35) hard copies of each presentation or handout should be provided to the Designated Federal Official 30 minutes before the meeting.
- One (1) electronic copy of each presentation should be emailed to the Designated Federal Official 1 day before the meeting. If an electronic copy cannot be provided within this timeframe, presenters should provide the Designated Federal Official with a CD containing each presentation at least 30 minutes before the meeting.