

**Advisory Committee on Reactor Safeguards  
Reliability and PRA Subcommittee Meeting  
Rockville, MD  
T2-B1  
January 15, 2014**

- Proposed Agenda -

Cognizant Staff Engineer: John Lai (301-415-5197), [John.Lai@nrc.gov](mailto:John.Lai@nrc.gov)

**Wednesday, January 15, 2014**

	<b>Topic</b>	<b>Presenter(s)</b>	<b>Time</b>
1	Opening Remarks	J. Stetkar, ACRS	8:30-8:35am
2	Overview of Staff's implementation of the SRM on Human Reliability Analysis (HRA)	J. Xing, RES	8:35-8:50am
3	Cognitive basis for HRA – summary of the external review and changes to cognitive basis report	J. Xing, RES	8:50-9:50am
4	Break		9:50- 10:05am
5	Generic methodology (including integration of cognitive basis concepts)	J. Xing, RES J. Chang, RES	10:05-11:30am
6	EPRI's view on Integrated Decision –Tree Human Event Analysis System (IDHEAS) development and method implementation	EPRI/staff	11:30am-12:00pm
7	Lunch		12:00-1:00pm
8	An IDHEAS method for Nuclear Power Plant (NPP) internal, at-power operation <ul style="list-style-type: none"> <li>• External review</li> <li>• Changes to IDHEAS report</li> <li>• Expert judgment of Human Error Probabilities</li> </ul>	J. Xing, RES	1:00 – 2:15pm

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9	IDHEAS preliminary validation for NPP internal at-power application <ul style="list-style-type: none"> <li>• Verification and piloting</li> <li>• User's testing manual</li> </ul>	J. Xing, RES	2:15-3:15pm
10	Break		3:15-3:30pm
11	Demonstration of applying the HRA generic methodology to emergency and severe accident management	J. Chang, RES	3:30 – 4:30pm
12	HRA development and application path forward	S. Peters, RES	4:30 – 4:45pm
13	Member Discussions		4:45-5:00pm
14	Adjourn		5:00pm

**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.