

**Advisory Committee on Reactor Safeguards  
Structural Analysis/Plant License Renewal Subcommittee Meeting  
Concrete Degradation  
September 19, 2014  
Rockville, MD**

-SCHEDULE-

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Topics	Presenters	Time
Opening Remarks	Peter Riccardella, ACRS	8:30 am – 8:35 am
Office of Nuclear Regulatory Research Presentations: <ul style="list-style-type: none"> <li>• Introduction (Overall)</li> <li>• Radiation and Non-Destructive Techniques</li> <li>• Concrete Degradation</li> <li>• Structural Aspects of RES ASR Project at NIST</li> <li>• Concrete Materials Aspects of the RES ASR Project at NIST</li> <li>• Testing and Modeling of Concrete and Cementitious Waste Forms for Waste Deposal Structures</li> </ul>	Brian Thomas, Deputy Dir./DE  Mita Sircar, RES/DE  Dr. Ken Snyder, NIST Dr. Fahim Sadek, NIST  Dr. Ken Snyder, NIST  Dr. David Kosson, Vanderbilt Univ.	8:35 am – 11:05 am
<b>BREAK</b>		11:05 am - 11:20 am
Dr. Paul Brown, Penn State: <ul style="list-style-type: none"> <li>• Concrete Durability, Repair Strategies and Limitations</li> </ul>	Dr. Paul Brown, Penn State Univ.	11:20 am – 12:20 pm
<b>LUNCH</b>		12:20 pm – 1:20 pm
Resumption of Meeting	Peter Riccardella, ACRS	1:20 pm – 1:25 pm
ANATECH Corp. Presentation:  Methodology for Assessing Long Term Performance of Aging Concrete Structures	Randy J. James, VP Structures	1:25 pm – 2:00 pm

Department of Energy (DoE) Staff Presentation: <ul style="list-style-type: none"> <li>DOE Light Water Reactor Sustainability Research on Concrete and Civil Structure Degradation</li> </ul>	Jeremy Busby, ORNL	2:00 pm –4:00 pm
<b>BREAK</b>		4:00 pm – 4:15 pm
Electric Power Research Institute (EPRI) Staff Presentation: <ul style="list-style-type: none"> <li>Introduction and Overview</li> <li>EPRI Concrete R&amp;D Results and Roadmaps for Long Term Operations (LTO)</li> </ul>	Rich Tilley, Senior Technical Leader LTO Program  John Lindberg, NDE Innovation Program Manager	4:15 pm – 6:15 pm
Subcommittee Discussion	Peter Riccardella, ACRS	6:15 pm – 7:00 pm
<b>ADJOURN</b>	Peter Riccardella, ACRS	7:00 pm