

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

-SCHEDULE-

Cognizant Staff Engineer/DFO: Kent L. Howard, Sr.
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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"> • Introduction (Overall) • Radiation and Non-Destructive Techniques • Concrete Degradation • Structural Aspects of RES ASR Project at NIST • Concrete Materials Aspects of the RES ASR Project at NIST • Testing and Modeling of Concrete and Cementitious Waste Forms for Waste Deposal Structures 	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
BREAK		11:05 am - 11:20 am
Dr. Paul Brown, Penn State: <ul style="list-style-type: none"> • Concrete Durability, Repair Strategies and Limitations 	Dr. Paul Brown, Penn State Univ.	11:20 am – 12:20 pm
LUNCH		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"> DOE Light Water Reactor Sustainability Research on Concrete and Civil Structure Degradation 	Jeremy Busby, ORNL	2:00 pm –4:00 pm
BREAK		4:00 pm – 4:15 pm
Electric Power Research Institute (EPRI) Staff Presentation: <ul style="list-style-type: none"> Introduction and Overview EPRI Concrete R&D Results and Roadmaps for Long Term Operations (LTO) 	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
ADJOURN	Peter Riccardella, ACRS	7:00 pm