

AGENDA

INDUSTRY / NRC NDE TECHNICAL INFORMATION EXCHANGE PUBLIC MEETING (CATEGORY 2); and COMPOSITE REPAIR TECHNOLOGY TECHNICAL INFORMATION EXCHANGE PUBLIC MEETING (CATEGORY 2)

AT U.S. NRC HEADQUARTERS, ONE WHITE FLINT NORTH
TWEN AUDITORIUM (ENTER VIA ONE WHITE FLINT NORTH)
11555 ROCKVILLE PIKE, ROCKVILLE, MD 20852

Time	Topic	Presenter
Tuesday January 14, 2020		
1:00	Opening	NRC* Industry
1:20	ASME* Section XI update: NDE-related code actions	Industry
1:35	Update on Code Case N-711-2	Industry
1:50	Supplement 15 update	Industry
2:05	Technical basis for eddy current code cases, qualification, acceptance criteria - Update	Industry
2:20	CASS* research update	Industry
2:40	CASS* timeline update	NRC*
2:55	Break	
3:15	Coverage relief requests guidance	NRC*
3:30	Training and practice for NDE*	NRC*
4:00	Technical basis for Section XI Appendix VII	Industry
4:20	UT Simulator update	Industry
4:35	Public comment period – Opportunity for members of the public to make comments and to ask questions of the NRC*	NRC*
4:45	End-of-day wrap-up / Adjourn	NRC*
Wednesday January 15, 2020		
8:00	Opening	NRC*
8:05	PDI* update	Industry
8:20	Qualified procedure modifications	Industry
8:40	Hyperspectral imaging	Industry
8:55	MRP* NDE* update	Industry
9:15	BWRVIP* NDE* update	Industry
9:35	Concrete NDE*	Industry
10:05	Break	
10:25	Automated data analysis update	Industry
10:50	Assessment of eddy current testing for PWSCC* susceptible materials	NRC*
11:20	Evaluating flaw detectability under limited coverage conditions	NRC*
11:50	Lunch	
1:00	Human factors for encoded examinations	NRC*
1:20	Development of technical bases for optimization of examination requirements	Industry
1:50	Update on RV* upper head volumetric examination OE*	Industry
2:20	Update on MRP*-60	Industry
2:40	Update on RV* UT* procedure change OE*	Industry
3:00	Break	
3:20	Discussion: NDE* for advanced manufacturing	NRC* Industry

4:00	Public comment period – Opportunity for members of the public to make comments and to ask questions of the NRC*	NRC*
4:10	End-of-day wrap-up / Adjourn	NRC*
Thursday January 16, 2020		
8:00	Opening	NRC*
8:05	Update on virtual mockups/eflaws	Industry
8:35	Modeling and simulation update	Industry
9:05	Progress in assessing CIVA* for NDE* modeling and simulation	NRC*
9:50	Break	
10:10	NDE* for composite repairs	Industry
10:25	Open discussion	NRC* Industry
11:40	Closing – Action items – Upcoming meetings - Feedback	NRC*/ Industry
11:50	Public comment period – Opportunity for members of the public to make comments and to ask questions of the NRC*	NRC*
12:00	Adjourn	

AGENDA
COMPOSITE REPAIR TECHNOLOGY TECHNICAL INFORMATION EXCHANGE PUBLIC
MEETING (CATEGORY 2)

Time	Topic	Presenter
Thursday January 16, 2020		
1:00 - 1:10	Welcome / Introductions	NRC* RES*
1:10 - 1:30	30 to 96-inch Pipelines Upgrade Case Study: Navigating Safety- Related Pipeline Upgrades with CFRP*	Structural Technologies
1:30 - 1:50	CFRP* in Safety Related Piping Systems – Alternative Approaches in Design, Materials and Implementation	Next Composite Solutions, Inc.
1:50 - 2:10	CFRP/GFRP* Repair Integrity Verification and Substrate Corrosion Mapping using a DRS Technique	Sonomatic
2:10 – 2:30	Overview of EPRI* Research on Composites	EPRI*
2:30 - 2:50	Break	
2:50 - 3:10	Overview of Limited Confirmatory Testing Program on CFRP* Repair System at Emc ²	Emc ²
3:10 - 3:30	Overview of CFRP* Pipe Repair Design Approach	Simpson Gumpertz & Heger
3:30 - 4:10	Code Case Overview and Open Items	Procon1 / EPRI
4:10 - 4:45	Future Applications / R&D* Gaps	EPRI / Emc ²
4:45 – 4:55	Public comment period – Opportunity for members of the public to make comments and to ask questions of the NRC*	NRC*
4:55 - 5:00	End-of-day wrap-up / Adjourn	NRC* RES*

Acronym*

EPRI – Electric Power Research Institute
NRC – U.S. Nuclear Regulatory Commission
ASME – American Society of Mechanical Engineers
RV – Reactor Vessel
UT – Ultrasonic Testing
PDI – Performance Demonstration Initiative
PWSCC – Primary Water Stress Corrosion Cracking
BWRVIP – Boiler Water Reactor Vessel and Internals Project
MRP – Materials Reliability Program
RES – NRC: Office of Nuclear Regulatory Research
CASS – Cast Austenitic Stainless Steel
NDE – Nondestructive Examination
CIVA – Simulation Software
CFRP – Carbon Fiber Reinforced Polymer
GFRP – Glass Fiber Reinforced Polymer
R&D – Research and Development