

February 18, 2009

Document Control Desk  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

Subject: NRC Request for List of Planned Topical Report (TR) Submittals for 2009 and 2010

Project No. 669

As requested in a letter dated December 23, 2008, from Thomas B. Blount, Deputy Director, Division of Policy and Rulemaking, EPRI is providing the attached list of planned submittals for 2009 and 2010.

The table also annotates those that will be submitted for NRC staff review and those that will be submitted for information only, as well as the estimated number of licensed facilities planning to use the approved TR. Where there were uncertainties with submittal plans we have annotated those in the attachment.

If you have questions or desire further discussion, feel free to contact me (704-595-2173) or Ken Huffman (704-340-8738).

Sincerely,

David J. Modeen  
Director, External Affairs, Nuclear Power Sector

DJM/tw

Attachment: EPRI TR Forecast for 2009 & 2010

cc: Tanya Mensah, NRC

Together . . . Shaping the Future of Electricity

DO35  
NRC

## EPRI TR FORECAST FOR 2009 & 2010

TR SOURCE	TR NUMBER	TR TITLE	PLANNED (FY2009)	PLANNED (FY2010)	TO BE SUBMITTED FOR NRC REVIEW - Y/N	TO BE SUBMITTED FOR NRC INFORMATION - Y/N	ESTIMATED # OF FACILITIES TO WHICH THE REPORT APPLIES
							Number of US operating plants = 104. Number of US operating PWRs = 69. Number of US operating BWRs = 35.
EPRI - BWRVIP	BWRVIP-03, Revision 11	RPV and Internals Examination Guidelines	X		Y	35	
EPRI - BWRVIP	BWRVIP-14-A	Evaluation of Crack Growth in BWR Stainless Steel Internals	X	Y		35	
EPRI - BWRVIP	BWRVIP-18, Revision 1	BWR Core Spray Internals Inspection and Flaw Evaluation Guidelines	X	Y		35	
EPRI - BWRVIP	BWRVIP-76-A	BWR Core Shroud Inspection and Flaw Evaluation Guidelines	X	Y		35	
EPRI - BWRVIP	BWRVIP-86, Revision 1	Updated BWR Integrated Surveillance Program Implementation Plan	X	Y		35	
EPRI - BWRVIP	BWRVIP-97-A	Guidelines for Performing Weld Repairs to Irradiated BWR Internals	X	Y		35	
EPRI - BWRVIP	BWRVIP-99-A	Crack Growth Rates in Irradiated Stainless Steels in BWR Internal Components	X	Y		35	
EPRI - BWRVIP	BWRVIP-114-A	RAMA Fluence Methodology Theory Manual	X	Y		35	
EPRI - BWRVIP	BWRVIP-115-A	RAMA Fluence Methodology Benchmark Manual - Evaluation of Regulatory Guide 1.190 Benchmark Problems	X	Y		35	
EPRI - BWRVIP	BWRVIP-117-A	RAMA Fluence Methodology Plant Application - Susquehanna Unit 2 Surveillance Capsule Fluence Evaluation for Cycles 1-5	X	Y		35	
EPRI - BWRVIP	BWRVIP-121-A	RAMA Fluence Methodology Procedures Manual	X	Y		35	

TR SOURCE	TR NUMBER	TR TITLE	PLANNED (FY2009)	PLANNED (FY2010)	TO BE SUBMITTED FOR NRC REVIEW - Y/N	TO BE SUBMITTED TO NRC FOR INFORMATION - Y/N	ESTIMATED # OF FACILITIES TO WHICH THE REPORT APPLIES			
EPRI - BWRVIP	BWRVIP-138, Revision 1	Updated Jet Pump Beam Inspection and Flaw Evaluation Guidelines	X		Y		35			
EPRI - BWRVIP	BWRVIP-145-A	Evaluation of Susquehanna Unit 2 Top Guide and Core Shroud Materials Samples Using RAMA Fluence Methodology	X		Y		35			
EPRI - BWRVIP	BWRVIP-167NP, Revision 1	Boiling Water Reactor Issue Management Tables	X			Y	35			
EPRI - BWRVIP	BWRVIP-194	Methodologies for Demonstrating Steam Dryer Integrity for Power Uprate	X		Y		35			
EPRI - BWRVIP	BWRVIP-194, Revision 1	Methodologies for Demonstrating Steam Dryer Integrity for Power Uprate	X		Y		35			
EPRI - BWRVIP	BWRVIP-199	Monticello 300 Degree Surveillance Capsule Report	X			Y	35			
EPRI - BWRVIP	BWRVIP-203	RPV Axial Weld Inspection Coverage Evaluation	X			Y	35			
EPRI - BWRVIP	To be determined	Accelerated Inspection Program for BWRVIP-75-A Category C Dissimilar Metal Welds Containing Alloy 182	X			Y	35			
EPRI - BWRVIP	To be determined	BWR Embrittlement Correlation Studies	X			Y	35			
EPRI - BWRVIP	To be Determined	Access Hole Cover Repair Design Criteria	X			Y	35			
EPRI - BWRVIP	BWRVIP-03, Revision 12	RPV and Internals Examination Guidelines		X		Y	35			
EPRI - BWRVIP	BWRVIP-06, Revision 1	Safety Assessment of BWR Reactor Internals		X	Y		35			
EPRI - BWRVIP	BWRVIP-41, Revision 2	BWR Jet Pump Assembly Inspection and Flaw Evaluation Guidelines		X	Y		35			

TR SOURCE	TR NUMBER	TR TITLE	PLANNED (FY2009)	PLANNED (FY2010)	TO BE SUBMITTED FOR NRC REVIEW - Y/N	TO BE SUBMITTED FOR NRC INFORMATION - Y/N	ESTIMATED # OF FACILITIES TO WHICH THE REPORT APPLIES			
EPRI - BWRVIP	BWRVIP-60, Revision 1	Evaluation of Stress Corrosion Crack Growth in Low Alloy Steel Vessel Materials in the BWR Environment	X	Y			35			
EPRI - BWRVIP	BWRVIP-62-A	Technical Basis for Inspection Relief for BWR Internal Components with Hydrogen Injection	X	Y			35			
EPRI - BWRVIP	BWRVIP-62, Revision 1	Technical Basis for Inspection Relief for BWR Internal Components with Hydrogen Injection	X	Y			35			
EPRI - BWRVIP	BWRVIP-84-A	Guidelines for Selection and Use of Materials for Repairs to BWR Internal Components	X	Y			35			
EPRI - BWRVIP	BWRVIP-139-A	Steam Dryer Inspection and Flaw Evaluation Guidelines	X	Y			35			
EPRI - BWRVIP	To be determined	Thermal Aging and Neutron Embrittlement Evaluation of Cast Austenitic Stainless Steels for BWR Internals	X	Y			35			
EPRI - NDE	1018427	Probabilistic Risk Assessment Technical Adequacy Guidelines for Risk-informed Inservice Inspection Programs	X	Y			80			
EPRI - NDE	TBD	Risk Informed Repair / Replacement Applications	X*		TBD*	TBD*	80*			*May be provided as part of an ASME Code Case not a direct submittal to the NRC.
EPRI - RRAC	TBD	Optimized Weld Overlays	X*		TBD*	TBD*	69*			*May be provided as part of an ASME Code Case not a direct submittal to the NRC.
EPRI - SGMP	1012987 Rev. 3	Steam Generator Integrity Assessment Guidelines	X			Y	69			Document will be submitted through NEI.
EPRI - SGMP	1014983 Rev. 4	PWR Steam Generator Primary-to-Secondary Leakage Rates		X		Y	69			Document will be submitted through NEI.
EPRI - SGMP	1008224 Rev. 7	PWR Secondary Water chemistry Guidelines	X			Y	69			Document will be submitted through NEI.

TR SOURCE	TR NUMBER	TR TITLE	PLANNED (FY2009)	PLANNED (FY2010)	TO BE SUBMITTED FOR NRC REVIEW - Y/N	TO BE SUBMITTED FOR NRC INFORMATION - Y/N	ESTIMATED # OF FACILITIES TO WHICH THE REPORT APPLIES			
EPRI - MRP	MRP-169 Rev 1 Appendix	Optimized Weld Overlays	X		Y		69			
EPRI - MRP	TBD	Technical Basis for Mitigation of PWSCC Growth Rate in PWR Nickel-based RCS Components by Optimization of Hydrogen Level in Primary Water	X			Y	69			
EPRI - MRP	TBD	Technical Basis for Mitigation of PWSCC Growth Rate in PWR Nickel-based RCS Components by Injection of Zinc to Primary Water	X			Y	69			
EPRI - MRP	TBD	Materials Reliability Program: Technical Basis for Improvement in PWSCC Resistance by Surface Modification	X		Y*		69		Tentative plan is to submit in 2009.	
EPRI - MRP	MRP-227 Rev 0 1016596	Pressurized Water Reactor Internals Inspection and Evaluation Guidelines	X		Y				Submitted in January 2009.	
EPRI - MRP	MRP-139 Rev 1	Alloy 82/182 Butt Weld Guidelines	X			Y				
EPRI - LLW	1016761	Investigation of LLW Disposal Criteria to Support Regulatory Change (Revised BTP Addressing Concentration Averaging)	X**		Y		104		**Document published 11-08; submitted to NRC in Jan 09 through NEI.	
EPRI - LLW	TBD	Technical Review of Options for Improved LLW Disposal Flexibility Using 10CFR 61.58		X	Y		104		Document will be submitted through NEI.	
EPRI - LLW	TBD	EPRI Evaluation of Updated Research of the Health Effects and Risks Associated with Low Dose Ionizing Radiation	X			Y	104			
EPRI - RSM	1016750	MAAP Applications Guide	X*			TBD*	TBD*		Potential submittal, benefit to industry of submitting will be determined in 2009.	
* Tentative, subject to change as noted.										