

11/04  
New Plant Licensing Issues - 9/30/04

COL/CIP Topic		Priority / Time Frame	Discussion/ Resolution Vehicle	Interim Milestone(s)	Contractor Support
COL-1	Develop nominal NRC review/hearing timeline(s) and identify opportunities to optimize the COL licensing process	2005	NEI/NRC exchange of letters	• 11/03 – Preliminary NRC timetable developed	Proposed
COL-2	Develop COL application format and content guidance, including detailed outline and generic material (NEI 04-01)	Phase1 -12/04 Phase2 -12/05	• NEI 04-01	<ul style="list-style-type: none"> <li>• 11/20/03 initial meeting w/NRC</li> <li>• 1/12/04 letter to NRC</li> <li>• 3Q04 – Detailed COLA outline</li> <li>• 4Q04 – Rev. 0 NEI 04-01</li> </ul>	Various-Proposed
COL-2.a	Determine the treatment of operational programs in a COL application <ul style="list-style-type: none"> <li>- include resolution of programmatic ITAAC</li> <li>include development of list and scope of operational programs to be included in the COL application</li> </ul>	4Q04	• NEI-04-01	<ul style="list-style-type: none"> <li>• 8/25/03 NRC Workshop</li> <li>• 9/15/03 industry comments</li> <li>5/14/04 SRM</li> </ul>	
COL-2.b	Development of COLA guidance on ESP – COL interface issues and identify and assess issues peculiar to the no-ESP scenario and the adequacy of existing guidance to support that scenario.	2004/05	• NEI 04-01	<ul style="list-style-type: none"> <li>• 3Q04 – COLA detailed outlines</li> <li>• 4Q04 – Rev. 0 NEI 04-01</li> </ul>	Proposed
COL-2.c	Development of COLA guidance on the form and content for the emergency planning ITAAC	4Q04	<ul style="list-style-type: none"> <li>• SECY-04-xxxx</li> <li>• NEI-04-01</li> </ul>	<ul style="list-style-type: none"> <li>• 1/29/04 NRC proposal</li> <li>• 4/27/04 NRC</li> </ul>	

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	required by Part 52			workshop	
COL-2.d	Development of COLA guidance for providing required plant-specific design information and associated ITAAC	2004/05	• NEI 04-01	• 3Q04 – COLA detailed outlines • 4Q04 – Rev. 0 NEI 04-01	Proposed
COL-2.e	Define and address seismic-related issues that need to be resolved to support COL applications and reviews Includes development of alternative ASCE methodology using a pilot site <del>(TVA or Exelon)</del>	2004/05	• NEI 04-01		Various proposed
COL-2.f	Development of COLA guidance on Chapter 19 of the FSAR specific PRA's	2004/05	• NEI-04-01		Proposed
COL-2.g	Development of guidance for completion of design acceptance criteria (e.g., human factors, control room design, digital I&C) in certified designs	2004/05	• NEI-04-01		Proposed
COL-2.h	Development of COL form and content, including NRC findings, license conditions, etc.	2005	• NEI 04-01		Proposed

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COL-2.i	Development of guidance on plant-specific technical specifications, use of lessons learned since the issuance of the ALWR design certifications.	2004/05	• NEI 04-01		
COL-2.j	Modular plant licensing issues	TBD	TBD	• NEI 6/17/02 white paper	
COL 2.k	Development of a reliability assurance program to address both design RAP and Operational RAP	2004/05	TBD	TBD	
COL-3	Establish a common understanding with NRC regarding the Engineering Design Verification process	2004/05	• NRC Insp. Guidance • Phase 2 of CIPIMS project	• 8/27/03 NRC Workshop • 10/30/03 industry comments • NEI 11/01 white paper • 4/04 NUREG 1789	
COL-4	Establish a common understanding with NRC regarding the ITAAC Verification process	2004/05	• NRC Insp. Guidance • Phase 2 of CIPIMS project	• 8/27/03 NRC Workshop • 10/30/03 industry comments • NEI 11/01 white paper • April 04 NUREG 1789	Westinghouse
COL-5	Establish a common understanding with NRC regarding the 10 CFR 52.103	complete	• NEI/NRC exchange of letters	• 11/20/03 NRC feedback on NEI 11/01 white paper	

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	ITAAC hearing process			• 3/12/04 NEI response	
COL-6	<p>Establish a common understanding with NRC regarding the process for assuring operational readiness and transition to operation under Part 52</p> <p>Include commissioning and testing post fuel load</p>	2005	• NRC Insp. Guidance	<ul style="list-style-type: none"> <li>• NEI 11/01 white paper</li> <li>• 8/27/03 NRC Workshop</li> <li>• 10/30/03 industry comments</li> <li>• NUREG 1789</li> </ul>	
COL-7	Maximize the clarity and effectiveness of Part 52 requirements	2005/06	• Supplemental NOPR (proposed mid-05)	• 9/16/03 & 9/30/03 industry comments on July 03 Part 52 NOP	Proposed
COL-8	<p>Establish in NRC regulations appropriate financial measures and options for merchant nuclear power plants to provide reasonable assurance that:</p> <p>(a) adequate funds would be available to fund decommissioning activities when they occur, and</p> <p>(b) sufficient financial capability exists to fund plant operations</p> <p>(c) updated antitrust requirements</p>	TBD	TBD		

**NEW PLANTS (NP) ISSUES OUTSIDE SCOPE OF COOPERATIVE AGREEMENT  
WITH DOE ON COL-RELATED ISSUES**

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NP-1	ESP generic issue resolution (e.g., EP major features)	2005	TBD		
NP-2	Development of the New Regulatory Framework	2007	TBD		
NP-3	Fuel cycle and transportation environmental impacts	2005? DOE to confirm	TBD		Proposed (DOE)