

NEI Generic New Plant Templates

US EPR DCWG Impact

	NEI Template	NEI/NRC Action(s)	NEI/NRC Status/Schedule	US EPR DCWG Usage
1	NEI 99-01, Rev. 5, Methodology for Development of Emergency Action Levels, September 2007	<ol style="list-style-type: none"> 1. NEI submit 99-01, Rev. 5 2. NRC accept use of 99-01, Rev. 5 ✓ 3. NRC issue draft RG-1.101 endorsing NEI 99-01 4. NRC issue final version of revised RG-1.101 endorsing NEI 99-01 	<ol style="list-style-type: none"> 1. Complete 2/8/08 [ML080450149] 2. Complete 2/22/08 [ML080430535] ✓ 3. Due 10/30/09 4. Due Date TBD 	<p>NEI recommends full text incorporation into COL applicant's emergency plan of applicable sections for traditional reactors ONLY. The applicant may refer to the template for background and methodology</p> <p>US EPR commitment to NEI 99-01, Rev 5 ✓ (Green text indicates complete. No actions needed)</p>
2	NEI 03-12, Rev. 6 Physical Security Plan (PSP) Generic Template, April 2009	<ol style="list-style-type: none"> 1. NEI complete and submit NEI 03-12 for NRC endorsement 2. NRC endorse NEI 03-12, Rev. 6 3. NEI issue final template, including minor changes identified after submittal 4. NEI submit NEI 03-12, Rev. 7 5. NRC endorse Rev. 7 	<ol style="list-style-type: none"> 1. Complete 3/25/09 [SGI] ✓ 2. Complete 4/9/09 [ML090920528] ✓ 3. Complete 4/13/09 [SGI] ✓ 4. Due Date TBD 5. Due Date TBD 	<p>NEI recommends full text incorporation. COL applicants are required to submit a PSP as part of their COL application. This template uses black and bracketed text. COL applicants should fill in the bracketed text with site specific information. If an applicant wants to depart from black text, they must justify their change</p> <p>US EPR COLA FSAR - PSP ✓</p> <p>Following NRC approval of Rev 7, PSP will be updated and re-submitted to NRC for review and approval</p> <p>(red text indicates additional Action Required)</p>

	NEI Template	NEI/NRC Action(s)	NEI/NRC Status/Schedule	US EPR DCWG Usage
3	NEI 03-12, Appendix E Guidelines for New Reactor Plant Construction within a Current Licensed Owner Control Area	1. NRC endorse template for use 2. NEI incorporate Appendix E into NEI 03-12, Rev. 7	1. Complete 4/27/07 [ML071000055] ✓ 2. Due Date TBD	Implementation of the App. E template for the security program requires a 50.54(p) change to the operating plant security program Not applicable to COLA dockets Blue text indicates Actions ongoing, no new actions needed.
4	NEI 06-06, Rev. 5 Fitness for Duty Program Guidance for New Nuclear Power Plant Construction Sites, August 2009	1. NEI resolve random test rate issue – NPOC agreed with 50% flat random FFD test rate 2. NEI revise and resubmit NEI 06-06 for NRC endorsement 3. NRC provide comments on NEI 06-06, Rev. 4 4. NEI submit NEI 06-06, Rev. 5 incorporating NRC comments 5. NRC issue letter allowing applicants to reference 06-06 6. NRC endorse in a regulatory guide 7. COLAs should update 13.7 to eliminate references to old Part 26.	1. Complete 2/3/09 ✓ 2. Complete 2/13/09 [ML090690585] ✓ 3. Due 8/31/09 Complete 7/13/09 [ML091730415] ✓ 4. Complete 8/5/09 [ML092430013, ML092430016] ✓ 5. Due 10/30/09 Complete 12/2/09 [ML092880812] ✓ 6. Due 4/30/10 7. Future COLA update	NEI recommends that in FSAR Section 13.7, COL applicants may reference NEI 06-06 as under NRC review per NRC staff letter dated 9/7/07 US EPR COLA FSAR Section 13.7 ✓

	NEI Template	NEI/NRC Action(s)	NEI/NRC Status/Schedule	US EPR DCWG Usage
5.a	NEI 06-12, Section 4 (New B.5.b Phase 2 and 3 Submittal Guidelines) [B.5.b for New Plants]	<ol style="list-style-type: none"> 1. NEI submit proposed Section 4 for NRC endorsement 2. NRC issue draft ISG-16 for comment 3. NEI provide industry comments to NRC 	<ol style="list-style-type: none"> 1. Due 4/30/09 Complete 5/1/09 [ML092120160] ✓ 2. Due 6/30/09 Revised Due Date: 7/31/09 Revised Due Date: 8/31/09 Revised Due Date: 9/30/09 Complete 10/7/09 ✓ 3. Due 11/19/09 Complete 11/20/09 ✓ 	<p>This document is a guidance document for use by the vendors</p> <p>Being used in the development of 52.80(d) report ✓</p>
5.b	NEI 06-12, Appendix D, Template for required 52.80d COLA reports [Implementation of new 50.54(hh)(2) for new plants]. [B.5.b for New Plants]	<ol style="list-style-type: none"> 1. Resolve issues and submit proposed 52.80(d) template for NRC endorsement 2. NRC issue draft ISG-16 for comment 	<ol style="list-style-type: none"> 1. Due 4/30/09 Complete 5/1/09 [ML092120160] ✓ 2. Due 09/1/09 Revised Due Date: 9/30/09 Complete 10/7/09 ✓ 	<p>COL applicants submit 52.80(d) reports based on NEI template</p> <p>Will be used to prepare 52.80(d) report to be submitted to NRC for review and approval ✓</p>

	NEI Template	NEI/NRC Action(s)	NEI/NRC Status/Schedule	US EPR DCWG Usage
6	NEI 06-13A, Rev. 2 Technical Report on Template for an Industry Training Program Description, March 2009	1. NEI submit 06-13, Rev. 1 2. NRC issue SER 3. NEI issue final version (06-13A, Rev. 2)	1. Complete 3/28/08 [ML080910051] ✓ 2. Complete 12/5/08 [ML082950140] ✓ 3. Complete 3/6/09 [ML090910548] ✓	NEI recommends COL applicants should update the reference in Section 13.2 to reflect Rev. 2 US EPR COLA FSAR Section 13.2 ✓
7	NEI 06-14, Rev. 7 Quality Assurance Program Description, July 2009	1. NEI submit 06-14, Rev. 6 2. NRC issue supplemental RAIs 3. NEI respond to supplemental RAIs 4. NEI submit Rev. 7 incorporating the RAI responses 5. NRC issue SER 6. NEI meet with NRC to resolve comments 7. NEI issue final version	1. Complete 11/14/08 [ML083380310] 2. Complete 4/30/09 [ML091140483] 3. Due 6/8/09 Complete 6/12/09 [ML091800447] 4. Complete 7/24/09 5. Due 9/4/09 Revised Due Date: 10/5/09 Complete 11/3/09 [ML092650695] 6. Due 12/11/09 Complete 12/11/09 7. Due 10/30/09 Revised Due Date: TBD	COL applicants should use the latest version of NEI 06-14 to develop and submit a QAPD as part of their COL application. This template uses black and bracketed text. The COL applicant merely fills in the bracketed text with their site- specific information. If an applicant wants to change black text, they must justify their change. Full text incorporation UniStar has an NRC Approved topical report

	NEI Template	NEI/NRC Action(s)	NEI/NRC Status/Schedule	US EPR DCWG Usage
8	NEI 07-01, Rev. 0 Methodology for Development of Emergency Action Levels (for) Advanced Passive Light Water Reactors, July 2009	<ol style="list-style-type: none"> 1. NEI submit 07-01, Rev. 0 2. NEI submit 07-01 revision incorporating NRC comments 3. NEI submit 07-01 revision incorporating final round of NRC comments 4. NRC issue letter allowing applicants to reference 07-01 ✓ 5. NRC issue DG-1174 for review and comment 6. NRC issue final version of revised RG-1.101 endorsing NEI 07-01 	<ol style="list-style-type: none"> 1. Complete 3/6/09 [ML090930611] 2. Due 5/15/09 Complete 5/29/09 [ML091820451, ML091811270, ML091811278, ML091811280, ML091811283] 3. Due 7/24/09 Complete 7/21/09 [ML092030210] 4. Due 9/30/09 Complete 8/12/09 [ML092190035] ✓ 5. Due 10/30/09 6. Due Date TBD 	<p>Full text incorporation into COL applicant's emergency plan of applicable sections for Passive Reactors ONLY. The application may refer to the template for background and methodology</p> <p>Applicability to U.S EPR design limited to I&C ✓</p>
9	NEI 07-02A, Rev. 0 Generic FSAR Template Guidance for Maintenance Rule Program Description for Plants Licensed Under 10 CFR Part 52, March 2008	<ol style="list-style-type: none"> 1. NEI submit 07-02, Rev. 3 2. NRC issue SER ✓ 3. NEI issue final template (NEI 07-02A, Rev. 0) ✓ 	<ol style="list-style-type: none"> 1. Complete 9/21/07 [ML072700564] 2. Complete 1/24/08 [ML073650081] ✓ 3. Complete 3/10/08 [ML080910149] ✓ 	<p>NEI recommends that in FSAR Section 17.6, COL applications should incorporate by reference NEI 07-02A to describe the maintenance rule program</p> <p>US EPR COLA FSAR Section 17.7 ✓</p>

	NEI Template	NEI/NRC Action(s)	NEI/NRC Status/Schedule	US EPR DCWG Usage
10	NEI 07-03A, Rev. 0 Generic FSAR Template Guidance for Radiation Protection Program Description, May 2009	1. NEI submit 07-03, Rev. 7 2. NRC issue SER ✓ 3. NEI issue final template (NEI 07-03A, Rev. 0) ✓	1. Complete 11/24/08 [ML083380347] 2. Complete 3/18/09 [ML090510379] ✓ 3. Due 5/1/09 Complete 5/21/09 [ML091490680, ML091490684] ✓	In FSAR Section 12.5, COL applications should incorporate by reference NEI 07-03 to describe the operational program for radiation protection US EPR COLA FSAR Section 12.1.3 and 12.5 ✓
11	NEI 07-08A, Rev. 0 Generic FSAR Template Guidance for Ensuring that Occupational Radiation Exposure is As Low As is Reasonably Achievable (ALARA), October 2009	1. NEI submit 07-08, Rev. 3 2. NRC issue SER ✓ 3. NEI issue final template (NEI 07-08A, Rev. 0) ✓	1. Complete 11/24/08 [ML083380351] ✓ 2. Due 4/30/09 Revised Due Date: 6/15/09 Revised Due Date: 8/31/09 ✓ Revised Due Date: 9/30/09 Complete 10/15/09 [ML091130034] ✓ 3. Due 6/1/09 Revised Due Date: 6/30/09 Revised Due Date: 10/30/09 Complete 10/29/09 [ML093220178] ✓	NEI recommends that in FSAR Section 12.1, COL applications should indicate that the operational program for ensuring that occupational radiation exposures are ALARA will be prepared in accordance with NEI 07-08 US EPR COLA FSAR Section 12.1.3 ✓

	NEI Template	NEI/NRC Action(s)	NEI/NRC Status/Schedule	US EPR DCWG Usage
12	NEI 07-09A, Rev. 0 Generic FSAR Template Guidance for Offsite Dose Calculation Manual (ODCM) Program Description, March 2009	1. NEI submit 07-09, Rev. 4 2. NRC issue SER 3. NEI issue final template (NEI 07-09A, Rev. 0)	1. Complete 11/14/08 [ML083380298] ✓ 2. Complete 1/27/09 [ML083530745] ✓ 3. Complete 3/25/09 [ML091050233, ML091050234] ✓	NEI recommends that in FSAR Section 11.5, COL applications should refer to NEI 07-09A as providing the description of the operational program for the ODCM, radiological effluents, and radiological environmental monitoring US EPR COLA FSAR Section 15.5 ✓
13	NEI 07-10A, Rev. 0 Generic FSAR Template Guidance for Process Control Program (PCP), March 2009	1. NEI submit 07-10, Rev. 3 2. NRC issue SER 3. NEI issue final template (NEI 07-10A, Rev. 0)	1. Complete 5/30/08 [ML081720166] ✓ 2. Complete 1/8/09 [ML082910077] ✓ 3. Complete 3/25/09 [ML091050233, ML091050234] ✓	NEI recommends that in FSAR Section 11.4, COL applications should refer to NEI 07-10A as providing a description of the operational program for the PCP US EPR COLA FSAR Section 11.4 ✓

	NEI Template	NEI/NRC Action(s)	NEI/NRC Status/Schedule	US EPR DCWG Usage
14	NEI 07-11, Rev. 0 Generic FSAR Template Guidance for Cost-Benefit Analysis for Radwaste Systems for Light Water Cooled Nuclear Power Reactors	<ol style="list-style-type: none"> 1. NEI submit 07-11, Rev. 0 2. NRC abandoned the template approach for cost-benefit analysis of radwaste systems 	<ol style="list-style-type: none"> 1. Complete 9/28/07 [ML072740330] 2. Complete 2/25/08 [ML080510379] 	<p>In February 2008, NRC stated that they would not continue to review NEI 07-11 for generic use by COL and DC applicants. NEI 07-11 may be used as a reference to provide the description of the cost-benefit analysis for radwaste systems. Licensee-specific analysis will be required</p> <p>The US EPR DCWG uses a licensee-specific analysis</p>
15	NEI 07-13, Rev. 7 Methodology for Performing Aircraft Impact Assessments for New Plant Designs (May 2009)	<ol style="list-style-type: none"> 1. NRC send letter to NEI with questions that need to be formally answered 2. NEI submit NEI 07-13, Rev. 7 3. NEI submit public version of NEI 07-13 to support endorsement via Reg Guide (DG-1176) 4. NRC issue DG-1176 for comment 5. NRC issue final RG 	<ol style="list-style-type: none"> 1. Complete 4/7/09 [ML082810466] ✓ 2. Due 4/30/09 Complete 5/11/09 [ML090690585] ✓ 3. Complete 5/22/09 [ML091410056] ✓ 4. Due 6/30/09 Complete 7/10/09 [ML072840554] ✓ 5. Due 12/31/09 Revised due date: 2/26/10 	<p>Aircraft impact assessments are being performed by affected vendors and COL applicants. Results will be submitted as part of the DCD/FSAR process. This document provides guidance on performance of the assessment for use by the vendors and COL applicants</p> <p>On December 11, 2009, AREVA submitted Supplement 2 to the U.S. EPR FSAR incorporating into Chapter 19 the description of the aircraft impact assessment ✓</p>

	NEI Template	NEI/NRC Action(s)	NEI/NRC Status/Schedule	US EPR DCWG Usage
16	NEI 08-01, Rev. 3 Industry Guidelines for the ITAAC Closure Process under 10 CFR 52, January 2009	<ol style="list-style-type: none"> 1. NEI submit 08-01, Rev. 3 2. NRC issue Draft Regulatory Guide DG-1204 for review and comment 3. NEI submit comments on DG-1204 4. NRC present RG-1.215 to ACRS 5. NRC provide paper to Commission on activities that include RG-1.215 (SECY 09-0119) 6. NRC issue RG-1.215 endorsing NEI 08-01 	<ol style="list-style-type: none"> 1. Complete 1/22/09 [ML090300429] 2. Complete 3/12/09 [ML082950350, ML082960039] 3. Due 5/13/09 Complete 5/12/09 [ML091490689] 4. Due 7/9/09 Complete 7/9/09 5. Due 8/31/09 Complete 8/26/09 [ML091980372] 6. Due 9/30/09 Revised Due Date: 10/15/09 Complete 10/13/09 [ML091480076] 	<p>Guidance for use during construction of all new nuclear plants</p> <p>No impact to COLA phase</p>

	NEI Template	NEI/NRC Action(s)	NEI/NRC Status/Schedule	US EPR DCWG Usage
17	NEI 08-01 Supplement on Maintaining ITAAC	<ol style="list-style-type: none"> 1. NEI provide draft supplemental guidance 2. NEI provide revised draft supplemental guidance 3. NRC provide comments on draft guidance 4. NEI and NRC meet to discuss final revisions to supplement guidance 5. NEI submit letter to NRC on ITAAC maintenance 6. NRC staff provide paper to Commission on ITAAC maintenance (SECY 09-0119) 7. NEI submit NEI 08-01, Rev. 4 8. NRC issue revision to RG 1.215 endorsing NEI 08-01 	<ol style="list-style-type: none"> 1. Complete 3/9/09 [ML090720607] 2. Due 4/28/09 Complete 4/27/09 [ML091240094] 3. Due 5/14/09 Complete 5/14/09 [ML091490502] 4. Due 6/11/09 Complete 6/11/09 [ML091660501] 5. Complete 7/8/09 [ML092120174] 6. Due 8/31/09 Complete 8/26/09 [ML091980372] 7. Due 3/31/10 8. Due Date TBD 	<p>Supplemental guidance for maintaining ITAAC closure during construction</p> <p>No impact to COLA phase</p>

	NEI Template	NEI/NRC Action(s)	NEI/NRC Status/Schedule	US EPR DCWG Usage
18	NEI 08-02, Rev. 3, Corrective Action Processes for New Nuclear Power Plants during Construction, November 2009	<ol style="list-style-type: none"> 1. NEI submit NEI 08-02, Rev. 0 2. NRC provide comments on NEI 08-02, Rev. 0 3. NEI submit NEI 08-02, Rev. 1 4. NEI and NRC meet to discuss comments on document 5. NRC issue letter to NEI with items needing resolution prior to NRC endorsement 6. NEI submit NEI 08-02, Rev. 2 7. NEI and NRC meet to discuss comments on NEI 08-02, Rev. 2 8. NEI submit NEI 08-02, Rev. 3 9. NEI and NRC meet to discuss comments on NEI 08-02, Rev. 3 	<ol style="list-style-type: none"> 1. Complete 12/16/08 [ML083520459] 2. Complete [ML090280471 ML090990033, ML091140058] 3. Complete 4/22/09 [ML091170594] 4. Complete 5/13/09 [ML091630136] 5. Due 7/31/09 Complete 7/8/09 [ML091680080] 6. Due 8/31/09 Complete 9/28/09 [ML092720453] 7. Due 10/28/09 Complete 10/28/09 8. Complete 11/19/09 [ML093230895] 9. Due 1/15/10 10. Due Date TBD 	<p>Guidance for use during construction of all new nuclear plants</p> <p>No impact to COLA phase</p>

	NEI Template	NEI/NRC Action(s)	NEI/NRC Status/Schedule	US EPR DCWG Usage
		10. NRC endorse NEI 08-02, Rev. 3 via a Regulatory Guide		

	NEI Template	NEI/NRC Action(s)	NEI/NRC Status/Schedule	US EPR DCWG Usage
19	NEI 08-08A, Rev. 0 Generic FSAR Template Guidance for Life Cycle Minimization of Contamination, October 2009	1. NEI submit 08-08, Rev. 0 2. NRC provide meeting summary with comments 3. NEI submit 08-08, Rev. 1 4. NEI submit 08-08, Rev. 2, addressing ACRS comments 5. NEI submit 08-08, Rev. 3 6. NRC issue SER 7. NEI issue final template	1. Complete 12/17/08 [ML091170551, ML091170575] ✓ 2. Due 5/4/09 Complete 5/5/09 [ML091180608] ✓ 3. Due 5/8/09 Complete 5/12/09 [ML091490698] 4. Complete 8/11/09 ✓ 5. Complete 9/9/09 ✓ 6. Due 6/30/09 Revised Due Date: 8/31/09 Revised Due Date: 10/31/09 Complete 10/19/09 [ML092720253] ✓ 7. Due 7/31/09 Revised Due Date: 9/30/09 Revised Due Date: 10/30/09 Complete 10/29/09 [ML093220530] ✓	NEI recommends that NEI 08-08 should be used to develop applicant-specific FSAR description of operational aspects of 10 CFR 20.1406 implementation In response to RAI 23—12.03-12.04-1, Supplement 2, AREVA modified US EPR FSAR Section 12.3.6.6 and 12.5 to incorporate the guidance into the design certification

	NEI Template	NEI/NRC Action(s)	NEI/NRC Status/Schedule	US EPR DCWG Usage
20	NEI 08-09, Rev. 3 Generic Template for Cyber Security Plan, September 2009	<ol style="list-style-type: none"> 1. NEI submit NEI 08-09, Rev. 0 2. NRC send NEI comments 3. NEI submit revised NEI 08-09 4. NRC provide comments on NEI 08-09 5. NRC provide alternate template for use by COL applicants 6. NEI submit NEI 08-09, Rev. 2, incorporating NRC comments 7. NEI submit NEI 08-09, Rev. 3 8. NRC endorse NEI 08-09 via letter 9. NRC endorse NEI 08-09 in RG 5.71 	<ol style="list-style-type: none"> 1. Complete 3/9/09 [ML090690599] 2. Due 5/1/09 Complete 5/1/09 3. Due 06/03/09 Complete 6/10/09 [ML091610556] 4. Complete 5. Complete 7/8/09 6. Complete 8/3/09 [ML092170196] 7. Complete 9/15/09 8. Due 6/30/09 Revised Due Date: TBD 9. Due Date TBD 	<p>Full text incorporation similar to NEI 03-12 on PSP</p> <p>US EPR will use RG 5.71 instead of NEI 08-09</p>

	NEI Template	NEI/NRC Action(s)	NEI/NRC Status/Schedule	US EPR DCWG Usage
21	<p>NEI 09-01 Security Measures during New Reactor Construction</p> <p>(Formerly NEI 03-12, Appendix F – latest version Rev. 3, August 2008)</p>	<ol style="list-style-type: none"> 1. NRC response to request for endorsement of Appendix F 2. NEI convert Appendix F to an NEI numbered document (NEI 09-01) for industry use 3. NRC issue preliminary draft rule language 4. NRC propose rule and guidance on access during construction 5. NEI provide comments/input on proposed rule and guidance 6. NRC publish final rule and RG that endorses NEI 09-01 	<ol style="list-style-type: none"> 1. Complete 11/13/08 [ML082540163] 2. Due 5/30/09 Revised Due Date: 9/11/09 Complete 9/18/09 3. Due 3/31/2010 4. Due 7/9/2010 Revised Due Date: 8/24/2010 5. Due 10/9/2010 6. Due 7/8/2011 Revised Due Date: 8/24/2011 	<p>NEI indicates that COL applicants may reference Appendix F/NEI 09-01 in FSAR Section 13.6</p> <p>No impact to COLA phase</p>

	NEI Template	NEI/NRC Action(s)	NEI/NRC Status/Schedule	US EPR DCWG Usage
22	NEI 09-11 Industry Guidance for Determining Whether Activities Can be Considered Pre-construction Activities	<ol style="list-style-type: none"> 1. NEI submit examples of preconstruction determination 2. NEI submit revised examples and flowchart showing process for preconstruction determination 3. NRC provide feedback during public meeting 4. NEI submit revised flowchart and description of process 5. NRC provide feedback via letter to NEI 6. NEI issue final version of 09-11 	<ol style="list-style-type: none"> 1. Complete 10/16/08 [ML083460642] 2. Complete 1/7/09 [ML090230573] 3. Complete 1/14/09 [ML090220640] 4. Due 8/14/09. Revised Due Date: 10/16/09 Revised Due Date: 12/31/09 Revised Due Date: 2/12/2010 5. Due Date TBD 6. Due Date TBD 	No impact to COLA phase
23	NEI 09-12, Rev. 0 Safety Conscious Work Environment for New Nuclear Power Plant Construction Sites	<ol style="list-style-type: none"> 1. Discuss SCWE Team recommendation with NPWG 2. Discuss with NRC 3. NEI issue NEI 09-12 for industry use 	<ol style="list-style-type: none"> 1. Due 6/4/09 Complete 9/3/09 2. Due 10/30/09 Complete 3. Due 1/15/09 	No impact to COLA phase