

DG-1145: COL Applications for Nuclear Power Plants Public Workshop



15 March 2006

DG-1145, Combined License (COL) Applications for Nuclear Power Plants (LWR Edition)



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Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
March 15, 2006**

DG-1145

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DG-1145, Section C, Part I
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DG-1145, Section C, Part I

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DG-1145, Section C, Part III
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4. Operational Programs
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DG-1145 Schedule

- Public workshops:
 - March 15
 - April 20 – 21
 - May*
 - June 5 – 6*
- June 2006 – Issue DG-1145 for public comment
 - July public workshop
- December 2006* – Issue final RG-1145

** tentative date, subject to change*

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DG-1145, Section C, Part IV.1

COL Application Acceptance Review Checklist

- Posted on NRC website on March 9, 2006 for public review and comment and to facilitate early interaction with stakeholders (i.e., prior to issuance of entire DG-1145 for review and comment)
- To provide guidance to NRC staff and stakeholders on the criteria by which COL applications will be reviewed for docketing for scheduling review
- Review focuses on whether sufficient information has been provided in the COL application to complete the NRC staff's review

COL Acceptance Review Checklist Development

- Based on the checklist successfully used to perform the acceptance review for ESBWR design certification application
- Incorporates the requirements from the proposed revised Part 52 rule, Subpart C
- 10 CFR 52.79, Technical Information in the Final Safety Analysis Report (FSAR)
- 10 CFR 52.80, Additional Technical Information in the Final Safety Analysis Report

COL Acceptance Review Checklist Format

- Table of Contents
- Technical Information in the FSAR (proposed 10 CFR 52.79)
- Additional Technical Information in the FSAR (proposed 10 CFR 52.80)
- “Administrative” requirements
- Attachments
 - Appendix A to Part 50 (General Design Criteria)
 - 10 CFR 50.34(f), Additional TMI-Related Requirements

COL Acceptance Review Checklist Format (con't)

- Technical Information in FSAR (proposed 52.79)
 - Corresponds with each item specified in proposed 52.79 and includes notes or clarifications
 - Identifies expected applicable FSAR section(s) for information required
 - Includes checkboxes for Yes and No
 - Includes variations for COL applications that reference standard design approval, standard design certification, and early site permit

COL Acceptance Review Checklist Format (con't)

- Additional Technical Information in FSAR (proposed 10 CFR 52.80)
 - Probabilistic Risk Assessment (PRA)
 - Inspections, Tests, Analyses, and Acceptance Criteria (ITAAC)
 - Environmental Report
- “Administrative” requirements
 - Application submittal documentation requirements and logistics
 - State and local emergency response
 - Construction schedule

COL Acceptance Review Checklist Breakout Session

- Q & A's
- Comments
- Discussion
- Summary
- Next steps