

# Draft Regulatory Guide DG-1145

## COMBINED LICENSE APPLICATIONS FOR NUCLEAR POWER PLANTS (LWR EDITION)

### OFFICIAL DRAFT FOR PUBLIC COMMENT

#### TABLE OF CONTENTS

A.	Introduction
B.	Discussion
C.	Regulatory Position
Part I:	Standard Format and Content of Combined License Applications for Nuclear Power Plants - Light Water Reactor Edition
I.1	Introduction and General Description of Plant
I.2	Site Characteristics
I.3	Design of Structures, Systems, Components, and Equipment
I.4	Reactor
I.5	Reactor Coolant System and Connected Systems
I.6	Engineered Safety Features
I.7	Instrumentation and Controls
I.8	Electrical Power
I.9	Auxiliary Systems
I.10	Steam and Power Conversion System
I.11	Radioactive Waste management
I.12	Radiation Protection
I.13	Conduct of Operations
I.14	Verification programs
I.15	Transient and Accident Analyses
I.16	Technical Specifications
I.17	Quality Assurance & Reliability Assurance
I.18	Human Factors Engineering
I.19	Probabilistic Risk Assessment Information and Severe Accidents
Part II:	Additional Technical Information
II.1	Probabilistic Risk Assessment (PRA)
II.2	Inspections, Tests, Analyses, and Acceptance Criteria (ITAAC)
II.3	Environmental Report
Part III:	Applications Referencing Certified Designs and/or Early Site Permits
III.1	Information Needed for a COL Application Referencing a Certified Design
III.2	Information Needed for a COL Application Referencing a Certified Design and an Early Site Permit
III.3	Finality of an Environmental Impact Statement Associated with an Early Site Permit
III.4	Combined License Action Items
III.5	Design Acceptance Criteria
III.6	Combined License Application Timing
III.7	Inspections, Tests, Analyses, and Acceptance Criteria for Combined License Applications Referencing a Certified Design and/or Early Site Permit

Part IV: Miscellaneous Topics

- IV.1 Combined License Application Acceptance Review Checklist
- IV.2 Submittal Guidance for Combined Licenses (COLs)
- IV.3 General Description of Change Processes
- IV.4 Operational Programs
- IV.5 General and Financial Information
- IV.6 Limited Work Authorization and Site Redress Plan
- IV.7 Pre-Application Activities
- IV.8 Generic Issues
- IV.9 Deleted (incorporated into Section C.I.1)
- IV.10 Regulatory Treatment of Non-Safety Systems
- IV.11 Deleted (now Appendix 1)
- IV.12 Applicability of Industry Guidance

D. Implementation - Regulatory Analysis - Backfit Analysis

Appendix 1 - Response to Public Comments on DG-1145