

## **DG-1145: COMBINED LICENSE APPLICATIONS FOR NUCLEAR POWER PLANTS (LWR EDITION)**

### 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](#)
  - 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](#)
  - II.2 Inspections, Tests, Analyses, and Acceptance Criteria (ITAAC)
  - II.3 [Environmental Report](#)

DRAFT COPY - CONTENTS SUBJECT TO CHANGE TO CONFORM WITH REGULATORY  
GUIDE FORMAT AND AS NECESSARY BY STAFF

- 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 COL Application Timing
  - III.7 [ITAAC for COL Applications referencing a Certified Design and/or Early Site Permit](#)

- Part IV: Miscellaneous Topics
- IV.1 [COL Application Acceptance Review Checklist](#)
  - IV.2 Submittal Guidance
  - IV.3 General Description of Change Processes
  - IV.4 [Operational Programs](#)
  - IV.5 General and Financial Information
  - IV.6 Site Redress Plan and Limited Work Authorization
  - 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 Responses to Public Comments on Work-in-Progress sections of DG-1145
  - IV.12 Applicability of Industry Guidance

D. Implementation

Regulatory Analysis

Appendices