



U.S. NUCLEAR REGULATORY COMMISSION

STANDARD REVIEW PLAN

APPENDIX 7-A - GENERAL AGENDA, STATION SITE VISITS

REVIEW RESPONSIBILITIES

Primary - Organization responsible for the review of instrumentation and controls

Secondary - None

An important part of the review at the operating license stage is a site visit. It is preferable to have the site visit sometime before the completion of the drawing review. The purpose of the site visit is to supplement the review of the design based on the drawings and to evaluate the actual implementation of the design as installed at the site. The NRC Regional Office, having jurisdiction over the plant under consideration, should be notified in advance of the visit so that the regional inspectors can become familiar on a first-hand basis with findings that may require follow-up action. Since proper implementation of design is the ultimate goal of the technical review process, the importance of a site visit is self-evident. The following is a typical general agenda that may be used as a guide for developing a specific agenda for the plant under review.

1. Preliminary Discussions
 - A. Unresolved items
 - B. Plant layout for touring
 - C. Special interest areas

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USNRC STANDARD REVIEW PLAN

This Standard Review Plan, NUREG-0800, has been prepared to establish criteria that the U.S. Nuclear Regulatory Commission staff responsible for the review of applications to construct and operate nuclear power plants intends to use in evaluating whether an applicant/licensee meets the NRC's regulations. The Standard Review Plan is not a substitute for the NRC's regulations, and compliance with it is not required. However, an applicant is required to identify differences between the design features, analytical techniques, and procedural measures proposed for its facility and the SRP acceptance criteria and evaluate how the proposed alternatives to the SRP acceptance criteria provide an acceptable method of complying with the NRC regulations.

The standard review plan sections are numbered in accordance with corresponding sections in Regulatory Guide 1.70, "Standard Format and Content of Safety Analysis Reports for Nuclear Power Plants (LWR Edition)." Not all sections of Regulatory Guide 1.70 have a corresponding review plan section. The SRP sections applicable to a combined license application for a new light-water reactor (LWR) are based on Regulatory Guide 1.206, "Combined License Applications for Nuclear Power Plants (LWR Edition)."

These documents are made available to the public as part of the NRC's policy to inform the nuclear industry and the general public of regulatory procedures and policies. Individual sections of NUREG-0800 will be revised periodically, as appropriate, to accommodate comments and to reflect new information and experience. Comments may be submitted electronically by email to NRR_SRP@nrc.gov.

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2. Control Room
 - A. General layout
 - B. Nuclear and reactor protection instrument arrangement, separation, and layout
 - C. Rod position indication
 - D. Protection system initiation, bypass switch arrangements, and status panels
 - E. Engineered safety feature initiation and bypass switch arrangements and status panels
 - F. Panel wiring separation and isolation
3. Instrument Rooms
 - A. General layout
 - B. Protection system racks and panels
 - C. Testing features
 - D. Component separation and isolation
 - E. Panel wiring separation and isolation
4. Local Instrument Racks/Piping
 - A. Physical separation and single failure
 - B. Potential for damage due to fire, flooding, etc.
 - C. Test features
5. Reactor Building and Turbine Building
 - A. Protection system instrument arrangement, separation, and layout
 - B. Potential for instrument damage due to fire, missiles, etc.
 - C. Separation of piping and wiring to redundant instruments
 - D. Provisions for testing protection instruments
6. Shutdown Outside Control Room
 - A. Remote shutdown panels arrangement, separation, and layout
 - B. Local control and indication features

For combined license (COL) applications under 10 CFR Part 52, site visits may be conducted in conjunction with inspection activities rather than reviews of the application. The agenda for such site visits should appropriately reflect the design set forth in the safety analysis report, including inspections, tests, analysis, and acceptance criteria (ITAAC), site interface requirements, and combined license action items, to ensure that the licensee's implementation of the design is consistent with relevant regulatory requirements, inspection/review criteria, and commitments.

PAPERWORK REDUCTION ACT STATEMENT

The information collections contained in the Standard Review Plan are covered by the requirements of 10 CFR Part 50 and 10 CFR Part 52, and were approved by the Office of Management and Budget, approval number 3150-0011 and 3150-0151.

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