



U.S. NUCLEAR REGULATORY COMMISSION
STANDARD REVIEW PLAN
OFFICE OF NUCLEAR REACTOR REGULATION

APPENDIX 7-B GENERAL AGENDA, STATION SITE VISITS

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 ahead of time of the visit so that the regional inspectors can become familiar on a first-hand basis with findings that may require followup 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.

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.

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USNRC STANDARD REVIEW PLAN

Standard review plans are prepared for the guidance of the Office of Nuclear Reactor Regulation staff responsible for the review of applications to construct and operate nuclear power plants. These documents are made available to the public as part of the Commission's policy to inform the nuclear industry and the general public of regulatory procedures and policies. Standard review plans are not substitutes for regulatory guides or the Commission's regulations and compliance with them is not required. The standard review plan sections are keyed to the Standard Format and Content of Safety Analysis Reports for Nuclear Power Plants. Not all sections of the Standard Format have a corresponding review plan.

Published standard review plans will be revised periodically, as appropriate, to accommodate comments and to reflect new information and experience.

Comments and suggestions for improvement will be considered and should be sent to the U.S. Nuclear Regulatory Commission, Office of Nuclear Reactor Regulation, Washington, D.C. 20555.

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.