14.4 Combined License Applicant Responsibilities

This section describes the Combined License applicant's and holder's responsibilities required to perform the AP1000 plant initial test program.

14.4.1 Organization and Staffing

The specific staff, staff responsibilities, authorities, and personnel qualifications for performing the AP1000 initial test program are the responsibility of the Combined License applicant. This test organization is responsible for the planning, executing, and documenting of the plant initial testing and related activities that occur between the completion of plant/system/component construction and commencement of plant commercial operation. Transfer and retention of experience and knowledge gained during initial testing for the subsequent commercial operation of the plant is an objective of the test program.

14.4.2 Test Specifications and Procedures

The Combined License information requested in this subsection has been partially addressed in APP-GW-GLR-037 (Reference 1), and the applicable changes are incorporated into the DCD. Test Specifications have been developed as indicated in Reference 1 and are available for NRC onsite review at Westinghouse's offices.

The Combined License holder will provide the Preoperational and Startup Procedures for the NRC prior to each planned test in accordance with the requirements of DCD subsection 14.2.3.

The following words represent the original Combined License Information Item commitment:

> The Combined License applicant is responsible for providing test specifications and test procedures for the preoperational and startup tests, as identified in subsection 14.2.3, for review by the NRC.

14.4.3 Conduct of Test Program

The Combined License information requested in this subsection has been partially addressed in APP-GW-GLR-038 (Reference 2), and the applicable changes are incorporated into the DCD.

The program management description for the process to develop the AP1000 Startup Administrative Manual is delineated in APP-GW-GLR-038 (Reference 2).

The Combined License holder is responsible for a site-specific startup administration manual (procedure), which contains the administration procedures and requirements that govern the activities associated with the plant initial test program, as identified in subsection 14.2.3 and as described in APP-GW-GLR-038 (Reference 2).

The following words represent the original Combined License Information Item commitment:

> The Combined License applicant is responsible for a startup administration manual (procedure), which contains the administration procedures and requirements that govern the activities associated with the plant initial test program, as identified in subsection 14.2.3.

14.4.4 Review and Evaluation of Test Results

The Combined License holder is responsible for review and evaluation of individual test results as well as final review of overall test results and for review of selected milestones or hold points within the test phases. Test exceptions or results which do not meet acceptance criteria are identified to the affected and responsible design organizations, and corrective actions and retests, as required, are performed.

14.4.5 Interface Requirements

The Combined License applicant is responsible for testing that may be required of structures and systems which are outside the scope of this design certification. Test Specifications and acceptance criteria are provided by the responsible design organizations as identified in subsection 14.2.3. The interfacing systems to be considered for testing are taken from Table 1.8-1 and include as a minimum, the following:

- storm drains
- site specific seismic sensors
- offsite ac power systems
- circulating water heat sink
- raw and sanitary water systems
- individual equipment associated with the fire brigade
- portable personnel monitors and radiation survey instruments
- equipment associated with the physical security plan

14.4.6 First-Plant-Only and Three-Plant-Only Tests

[*The COL holder for the first plant and the first three plants will perform the tests listed in subsection 14.2.5. For subsequent plants, either tests listed in subsection 14.2.5 shall be performed, or the COL applicant shall provide a justification that the results of the first-plant-only tests or first-three-plant tests are applicable to the subsequent plant.*]*

The Combined License holder(s) for the first AP1000 plant (or first three plants) available for testing will perform the tests defined during preoperational and startup testing as identified in subsections 14.2.9 and 14.2.10. Combined License holders referencing the results of the tests will provide the report as necessary. The schedule for providing this information will be provided prior to preoperational testing.

*NRC Staff approval is required prior to implementing a change in this information; see DCD Introduction Section 3.5.

14.4.7 References

1. APP-GW-GLR-037, "AP1000 Test Specifications and Procedures," Westinghouse Electric Company LLC.

2. APP-GW-GLR-038, "AP1000 Conduct of Test Program," Westinghouse Electric Company LLC.

*NRC Staff approval is required prior to implementing a change in this information; see DCD Introduction Section 3.5.