

#### **14.4 Combined License Applicant Responsibilities**

This section describes the Combined License applicant's and holders responsibilities required to perform the AP600 plant initial test program.

##### **14.4.1 Organization and Staffing**

The specific staff, staff responsibilities, authorities, and personnel qualifications for performing the AP600 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 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 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 applicant and holder is responsible for review and evaluation of individual test results. 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 applicant or licensee for the first plant and the first three plants will perform the*  
| *tests listed in subsection 14.2.5. For subsequent plants, the COL applicant or licensee shall*  
| *either perform the tests listed in subsection 14.2.5, or shall provide a justification that the*  
| *results of the first-plant-only tests or first-three-plant tests are applicable to the subsequent*  
| *plant.]\**

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