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# Initial Test Program (ITP) Basis

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# ITP Basis

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- The Initial Test Program (ITP) consists of pre-operational testing and initial startup testing.
- Preoperational testing consists of tests conducted following completion of construction and construction-related inspections and tests, but prior to fuel loading, to demonstrate the capability of SSCs to satisfy design criteria.
  - Safety-related active components, such as MOVs
  - Flow resistance in accumulator injection lines
- Initial startup testing consists of testing scheduled to be performed following fuel loading.
  - Initial criticality
  - Low-power tests
  - Power-ascension tests

# ITP Basis

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Preoperational and startup testing inspections are described in the following Inspection Manual Chapters (IMCs):

- IMC 2504, “Construction Inspection Program – Inspection of Construction and Operational Programs”
- IMC 2514, “Light Water Reactor Inspection Program - Startup Testing Phase.”

# ITP Basis

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IMC 2504, Appendix A, “Inspection of Construction Programs,” describes inspection of pre-operational testing

- **IP 70367**, “Inspection of Preoperational Test Program”
- **IP 70702**, “Inspection of Preoperational Test Performance”

IMC 2504, Appendix B, “Inspection of Operational Programs,” describes inspection of the licensee’s development of their startup testing program

- **IP 72401**, “Part 52, Inspection of Startup Test Program”

IMC 2514 describes inspection of startup testing – under revision to address Part 52 licensing and the AP1000 and will include

- **IP 72304**, “Startup Testing for AP 1000: Test Procedure Review, Test Witnessing, and Test Results Evaluation”

# Proposed 2016 Inspections

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## IMC 2504, Appendix A pre-operational testing inspection

- IP 70367, “Inspection of Preoperational Test Program”
- Review the Licensees’ ITP Administrative Manuals
  - Vogtle (4<sup>th</sup> Qtr. Calendar Year 2016)
  - V.C. Summer (4<sup>th</sup> Qtr. Calendar Year 2016)

# QUESTIONS

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