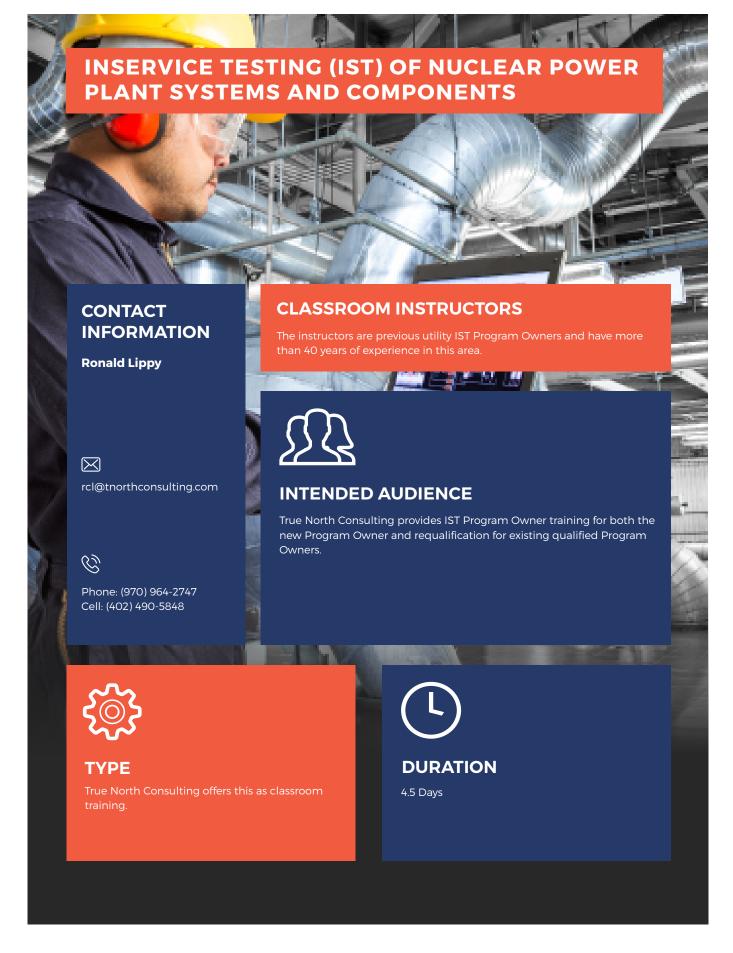
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ABSTRACT

The course is comprehensive with respect to Inservice Testing and addresses requirements of the U. S. Nuclear Regulatory Commission and ASME Operations and Maintenance (O&M) Standards for the inservice testing of nuclear power plant systems and components. Specific emphasis will be placed on the ASME Code boundary classification process, owner's responsibilities, test and examination plans, and detailed requirements for inservice testing of pumps and valves. Several examples will be used to illustrate the correct application of the technical requirements. In addition, training will provide overview/discussion/recommendations regarding potential impacts of conditions imposed by Federal Regulation changes pending and in the future. This training and the instructors can provide IST training for Level 1, 2, and 3 Engineers.

TERMINAL LEARNING OBJECTIVES

The key learning objectives will cover the following technical areas:

- 1. United Stated Regulatory Requirements
- 2. IST Historical Perspective
- 3. Federal Law
- 4. ASME Codes
- 5. O&M Codes
- 6. Inservice Testing Overview
- 7. IST Program Plan
- 8. IST Basis Document
- 9. Post Maintenance/Modification Testing Requirements
- 10. Implementation/Regulation of IST
- 11. IST and Plant Technical Specification
- 12. Description (Scope & Purpose)
- 13. NRC Guidance

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- 14. Examples of recent Industry violations
- 15. IST Interface with other Plant Programs:
 - MOV/AOV/SOV
 - ISI, Repair/Replacement
 - Appendix J, Program
- 16. Future IST Perspective:
 - Performance Based Testing
 - Risk Informed IST
 - Code Changes

KEY INDUSTRY DOCUMENTS

- 1. Operating Experience (GLs, Ins, RIS)
- 2 10 CFR 50 55a Requirements
- 3. NRC Inspection Manual IP326
- 4. Regulatory Guide 1.26
- 5. NUREG-0800, Section 3.2.2
- 6. NUREG 1482
- 7. Regulatory Guide 1.147
- 8. Regulatory Guide 1.192
- 9. Regulatory Guide 1.193