

Initial License Training (ILT) Candidate Readiness Program



Are Your License Candidates Ready?

Inconsistent candidate preparation, delayed screening, and limited visibility into readiness before class entry highlight current industry concerns with Initial License Training (ILT) performance. The Westinghouse ILT Candidate Readiness Program strengthens front-end preparation by building foundational knowledge, exposing candidates to realistic operational conditions, and providing utilities with early insight into candidate readiness before entering formal license training.



Key Course Outcomes

The Initial License Training (ILT) Candidate Readiness Program prepares participants to enter ILT with strong foundational knowledge of system fundamentals and control room operations. This course is intended for Licensed Operator candidates who will be entering into ILT training with the utility.

The following pre-requisite knowledge is required for success in this course:

- Introductory-level knowledge of Pressurized Water Reactor (PWR) fundamentals, systems, and operation
- Basic math skills including logarithms and algebraic manipulation of equations
- Human Performance Fundamentals

* Westinghouse can provide additional preparation for candidates who have not met the prerequisites above.

Key Outcomes include:

- Build a strong foundation in reactor fundamentals and plant systems.
- Develop and understanding of control room operations and expectations
- Apply technical knowledge in realistic operational scenarios
- Strengthen readiness to enter formal ILT programs

Customer Benefits

The ILT Candidate Readiness Program provides a structured bridge into formal license training, improving preparation consistency and offering earlier insight into how candidates respond to technical and operational challenges.

Benefits include:

- Westinghouse Senior Reactor Operator Management Certification
- Avoid up to \$300,000 failed candidate cost through improved selection process
- Improved candidate readiness prior to ILT entry
- Reduced variability in incoming candidate capability
- Accelerated knowledge acquisition during ILT
- Identified knowledge and skill gaps early in the training pipeline
- Strengthened overall ILT program effectiveness
- Improved return on investment for license training programs
- Early visibility into candidate performance under realistic operating conditions
- Candidates exposed to normal, abnormal, and emergency plant conditions in a crew environment
- Reinforced foundational knowledge of plant systems, reactor fundamentals, and control room operations

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Target Students

The ILT Candidate Readiness Program is designed for:

- Utilities preparing candidates for upcoming Initial License Training (ILT) classes
- Sites experiencing low ILT pass rates or elevated candidate attrition
- Organizations seeking earlier insight into candidate readiness and development needs
- Training programs looking to establish a more consistent baseline of candidate knowledge and capability

Course Structure and Learning

The 9-week course is organized to build knowledge progressively, beginning with foundational reactor principles, plant systems, and technical fundamentals before advancing into integrated operations, procedure use, and plant response under normal, abnormal, and emergency conditions.

Instruction combines classroom learning with collaborative exercises, instructor-led discussion, and simulator-supported crew operational experiences that help participants connect technical knowledge to plant behavior and operational decision-making.

This student-centered learning environment places candidates in realistic situations, helping bridge the gap between foundational knowledge and real-world nuclear plant operations. The result is a focused and effective learning experience that builds confidence, strengthens technical understanding, and supports future success in formal license-track development.

Passing students receive a Westinghouse Senior Reactor Operator Management Certification.

Course Signup

To learn more about course availability, scheduling, or registration options, please contact the Westinghouse Training team. Our team can help confirm upcoming course dates, discuss site-specific needs, and coordinate enrollment based on your organization's training objectives.

For additional information or to begin the signup process, please contact:

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