



Watts Bar Nuclear Plant NRC Commission Briefing

October 30, 2014

Joe Grimes
Executive Vice President
and
Chief Nuclear Officer

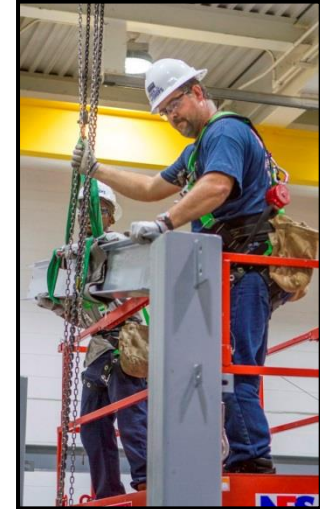


Agenda

- **Status and Transition**
- **Current Regulatory Requirements**
- **Initiatives**
- **Dual-Unit Operations**



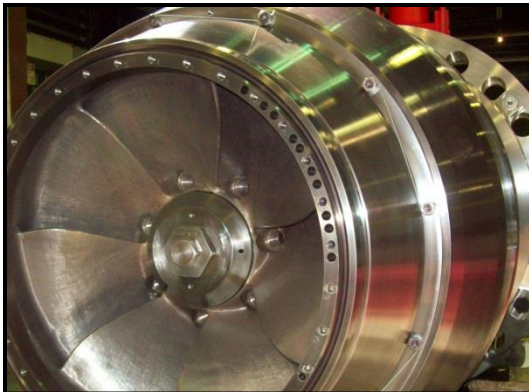
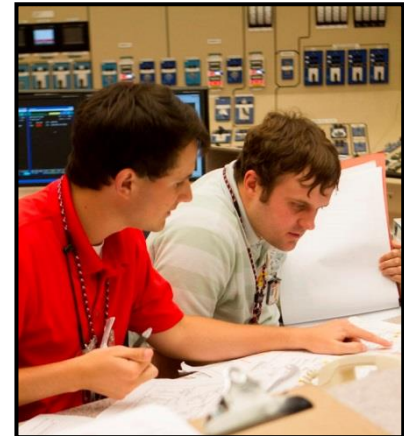
Watts Bar Nuclear Plant





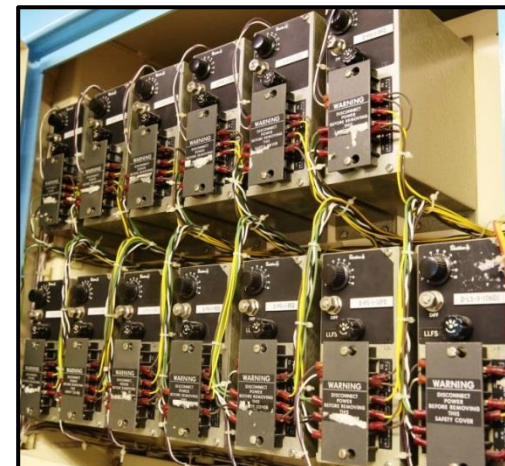
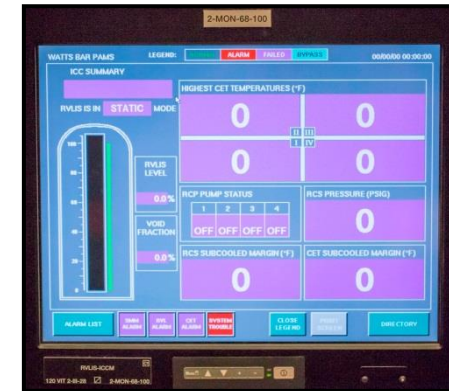
Status and Transition

- **Safe and High Quality**
- **Watts Bar Nuclear Design Basis Fidelity**



Status and Transition

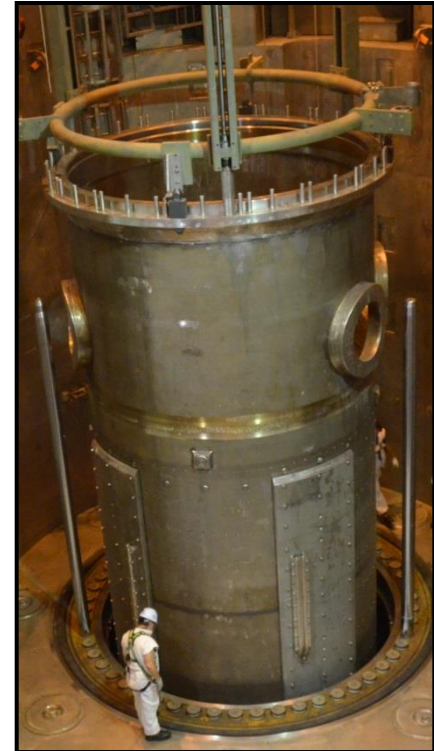
- **Systems, Structures, and Components – Made Like New**





Status and Transition

- **Milestones Completed**
- **World Association of Nuclear Operators Review Completed**





Status and Transition

- **Preparing for:**
 - **Hot Functional Testing**
 - **Fuel Load**
 - **Remaining Challenges**



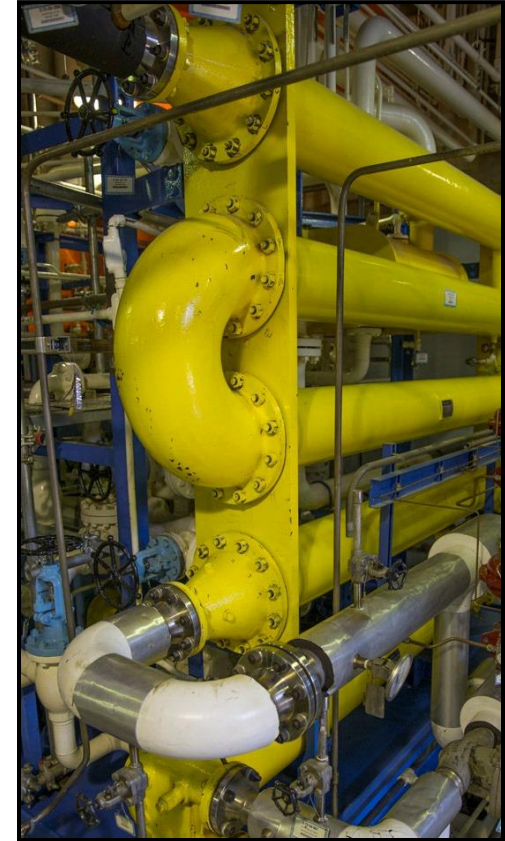
Current Regulatory Requirements



- **Fukushima**
- **Cyber Security**
- **Hydrology Improvements**
- **Seismic Mitigation**

Initiatives

- **Improvements**
- **Quality Assurance**
- **Safety Culture**



Initiatives

- **Employee Outplacement**
- **Public Outreach**





Transition and Operational Readiness Overview

- **Implemented Organizational Transition Plans**
- **Organization Capable of Dual- Unit Operation**



Transition and Operational Readiness Overview



- **Operating Organization Driving Transition**
- **Unit 1 Sharing Ownership of Critical Unit 2 Milestones**



Transition and Operational Readiness Overview

- **Staffing at Appropriate Level**
- **Training Complete for Dual-Unit Operation**
- **Corporate Organization Providing Oversight and Support**



TVA



WATTS BAR UNIT 2



FIRST

NEW NUCLEAR
GENERATION

