NRC Public Meeting Annual Assessment of Brunswick Performance



Ben Waldrep - Vice President May 1, 2008



Performance

Unit 1

- 2007 Capacity Factor 95.92%
- 2008 Capacity Factor 80.58%
 - Extended outage to improve equipment reliability
 - Outage scope reflects commitment to safety and improved performance

Unit 2

- 2007 Capacity Factor 86.99%
 - 46 Day Refueling/Maintenance Outage
- 2008 Capacity Factor 98.08%
 - Updated through March 31, 2008



Significant Plant Improvements

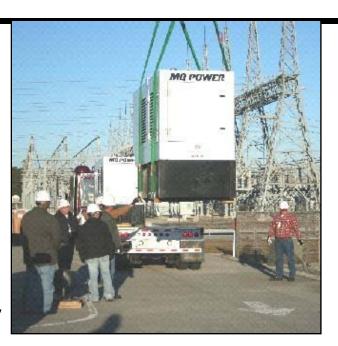
- Main Condenser improvements
- New Generator 230 kV Power Circuit Breakers
- New Reactor Recirculation Pump Motor
- New fuel bundles with improved debris filters
- Installed under-vessel work platform
- Station Blackout Diesels added



2007 In Review

Accomplishments

- Station Blackout Diesels
 - Improved Nuclear Safety
 - 68% Improvement in Unit 1
 - 66% Improvement in Unit 2
- Service Water System Reliability
- STEP 2010 Plan (Safety, Teamwork, Equipment Reliability, Personal Performance)
- Emergency Preparedness Siren Replacements
- Recruiting Team



Unit 1 Assessment Details

- Diesel Generator (DG) performance
- Foreign material left in DG 1 oil sump
- Service Water valve issue



Diesel Generator Reliability

- BNP DG Reliability Improvement Team
- Comprehensive actions to further improve DG reliability
 - Preventive Maintenance improvements
 - Relay and Capacitor replacements
 - Starting Air improvements
 - Fuel Oil Tanks internals cleaned
 - Foreign Material Exclusion (FME) practice improvements



Service Water Reliability

- Improvements
 - Conversion to Sodium Hypochlorite
 - Inspections of SW System
 - Valve Replacements
 - FME Practice Improvements



Corrective Action Program Focus

- Improved Performance Indicators
- Weekly Review Management Meetings
- Formed Corrective Action Review Board (CARB)
- Provided Enhanced Training
- Established Root Cause Review Teams



2008 Focus

- Continuous Improvement
 - Leadership Development and Succession Planning
 - STEP 2010 Plan Implementation
 - Corrective Action Program Improvements
 - Recruiting and Staffing

