



Exelon Nuclear Byron Generating Station

**U.S. NRC End-of-Cycle
Public Meeting**

June 2, 2010

Recent Accomplishments

- ✓ Successful Unit 1 Fall refueling outage
- ✓ Organizational and material condition improvements
 - 1B SX pump / motor replacement
 - 1B CV pump rotating element replacement
 - Replaced valve trim on ECCS throttle valves
 - Reactivity Management (98.5%)
- ✓ Environmental stewardship
- ✓ Work Hour Rule implementation – first Exelon site
- ✓ Best yet online dose performance (8.998 rem)

Byron Station Community Outreach

- ✓ In 2009, Byron Station and its employees donated approximately \$250,000 to local charities, civic groups and worthwhile causes, including:
 - Employees donated \$162,000 to the United Way
 - Byron Station donated \$17,500 to the Byron Public Library for an interactive energy display for its new building
 - Scholarships for students at Byron, Oregon and Stillman Valley High Schools totaling \$3,000
 - Donated \$10,000 total to the Winnebago, Oregon and Rockford youth robotics teams
 - Ogle County Habitat for Humanity – \$2,500
 - Blackhawk Council Boy Scout membership drive - \$1,500
 - Sponsor of the Byron Fest stage - \$3,500
 - At the Station's Children's Christmas party, employees collected hundreds of pounds of food for a local pantry and donated \$1,200 to Toys-for-Tots
 - Donated nearly \$10,000 to various walks, pledge drives and golf benefits

Performance Improvements

- ✓ Metrics have shown overall improvement in the area of human performance
 - Improving Byron Total Error Rate trend per 10,000 person hours
 - Reduced Department Event Free Clock resets
 - Reduced human performance cross-cutting issues
- ✓ Employee Engagement Initiatives
 - Site Top Concerns Committee
 - Industrial Safety Committee
 - Human Performance Committee
 - First Line Supervisor summit (1Q2010)
- ✓ Weekly Human Performance Review Meetings
- ✓ Day-in-the-Plant Program
- ✓ Fleet Technical Human Performance Improvement Team

Byron Key Activities - 2010

- ✓ Organization Effectiveness / Human Performance – number 1 priority
- ✓ Spring B2R15 unit 2 refuel outage
- ✓ Summer grid reliability operations
- ✓ Initiation of dray cask spent fuel storage facility – 2Q2010 initial loading
- ✓ WANO Evaluation – mid-June
- ✓ NRC Initial License Exam - September
- ✓ Unit 1 celebrates 25 years of operation – September