23rd WiN Global Annual Conference
Women in Nuclear  meet  Atoms for Peace

U.S. Women in Nuclear

Marilyn Kray
Vice President
Exelon Generation
Women in Nuclear meet Atoms for Peace

- Membership exceeds 7,000
  - 67 active local chapters
  - Over 36,000 volunteer hours in professional development, networking and public outreach
- Launched 5-year strategic planning initiative—WIN 2020
- Formed partnership with Nuclear Matters
- Enhanced communications
  - Expanded social media
    - Twitter—over 4,000 followers (60% increase in reach)
    - Facebook—over 1,300 page likes (67% increase in reach)
  - Quarterly newsletter
- New initiative to support women in operations careers
Women in Nuclear meet Atoms for Peace

National Conference in Austin, TX
Nuclear developments

• Sustained strong performance of the U.S. nuclear fleet
• Continued economic pressures on nuclear generating assets
• New plant construction moves forward
• Implementation of post-Fukushima safety enhancements underway (FLEX)
• Used fuel management outlook is stable
Continuous Improvement Drives Value

The U.S. industry remains focused on actions that enhance operational value

- Safety culture: nuclear, industrial, radiological and environmental
- Reliability improvements: disciplined approach to making investments
- Focus on operations: online, refueling, seasonal readiness
- Benchmarking and sharing industry best practices

Disciplined decision-making and a focus on safety, efficiency and reliability will preserve and enhance nuclear asset values

Source: Energy Information Administration (EIA)
Watts Bar 2 Nears Completion

Women in Nuclear meet Atoms for Peace
Progress at Vogtle, Summer
Progress at Vogtle, Summer

Women in Nuclear meet Atoms for Peace
FLEX Strategy Enhances Safety

• FLEX provides additional layer of protection against extreme, unexpected scenarios that are beyond the plants’ design basis
• Focus on maintaining key safety functions
• Each nuclear plant site maintains backup portable safety equipment, shares it industrywide if needed
• National response centers opened in 2014 in Memphis and Phoenix

Emergency equipment is pre-staged on truck flatbeds at national centers, ready to be shipped by truck or aircraft
National Response Centers
Open in 2014

Five full sets of emergency backup equipment is stored at the national centers.

Emergency equipment is equipped with color-coded electrical connections for “plug and play” installation.
Stable Outlook for Used Fuel Management

- U.S. courts ordered the Department of Energy (DOE) to reset Nuclear Waste Fund fee to zero = $750 million annual savings to U.S. rate payers
- U.S. courts ordered the Nuclear Regulatory Commission and DOE to resume Yucca Mountain licensing (geologic repository)
- Tangible interest in developing interim storage facility

Used fuel storage at interim facility
Thank you!