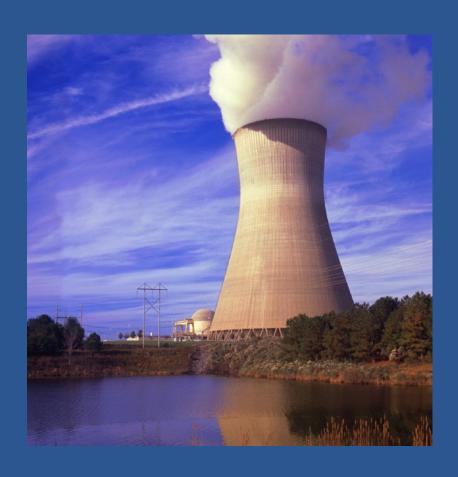
Harris Nuclear Plant

NRC Annual
Assessment
Meeting
May 20, 2008





2007 Safety Performance

- Industrial Safety
 - Progress Energy = 0 injuries
 - Contractor = 0 injuries
- Collective Radiation Exposure
 - > 11th out of 69 PWR units

"Top Quartile Safety Performance"



2007 Operational Excellence

- > 20 year anniversary
- Capability
 - Ranked 5th out of 55 units with a refueling outage
 - >2% better than any other refueling outage year for Harris
- Consistent Top Quartile production cost performance



Harris Lake and water usage

- > Safe operation during exceptional drought
 - Lake maintained above minimum level
 - No extraordinary measures taken
- Cooling tower efficiency
- Service water pump operation
- Capable of safe and reliable operation with lower lake level



Continuous Investment in Safety

- Plant safety equipment
 - Containment sump
 - Pressurizer weld overlay
- New emergency siren system
- Fire protection

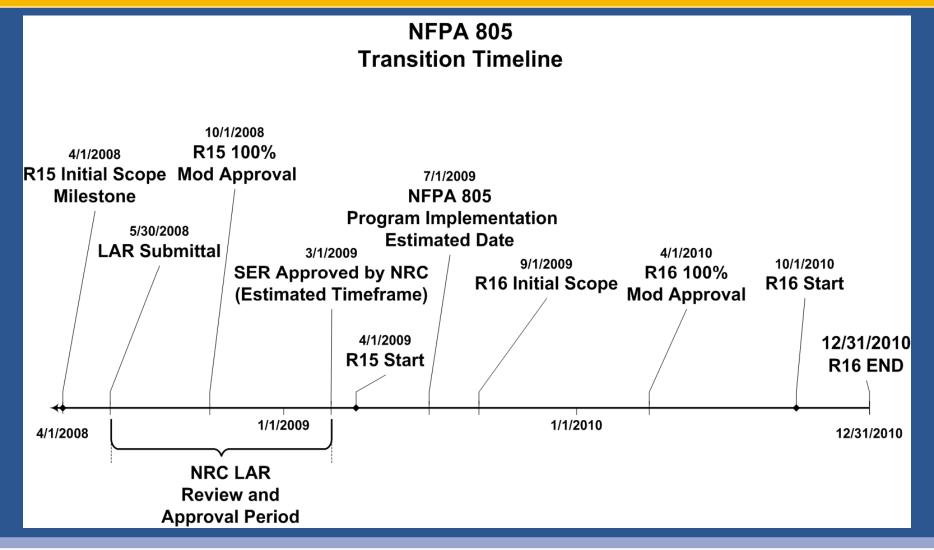


Fire Protection Accomplishments

- > Harris is a pilot plant for new regulations
- Developed industry first Fire Probabilistic Risk Analysis
- Strengthened fire prevention and response strategies
- Operator responses eliminated
 - Not required to place plant in a safe condition
 - Included as enhancement to Nuclear Safety



Fire Program Transition Schedule





Harris Plant Self-Evaluation

- Program components:
 - Self-assessment
 - Corrective action
 - Operating experience
 - Benchmarking



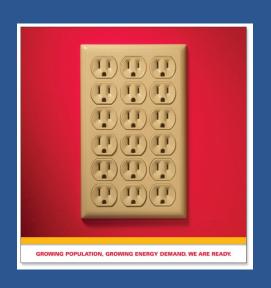
- Foundation for continuous improvement
- Led by line organizations

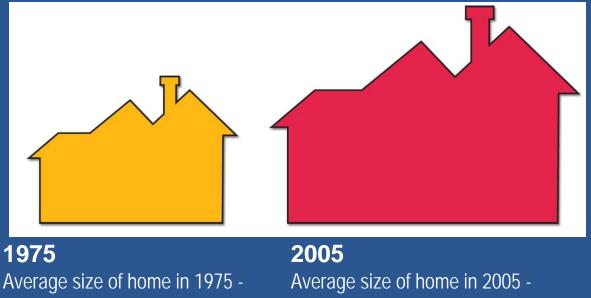




The New Energy Reality: More energy to power our lives

50% increase in home size





1,645 square feet

2,434 square feet



The New Energy Reality: More customers to serve



20071.4 million customers

20261.9 million customers



LOOKING AT POWER IN A NEW LIGHT.

A BALANCED SOLUTION

FORTHE FUTURE.

ENERGY EFFICIENCY

ALTERNATIVE ENERGY

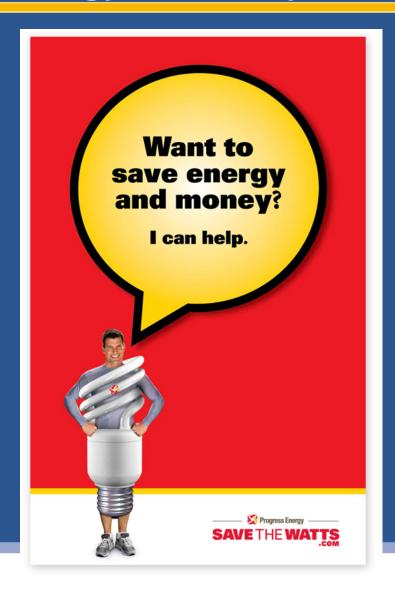
STATE-OF-THE-ART PLANTS







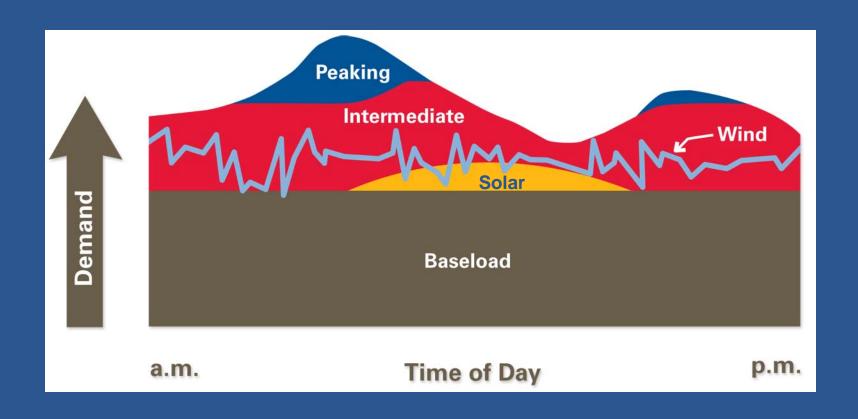
Changing How We Use Energy: Energy efficiency



www.savethewatts.com



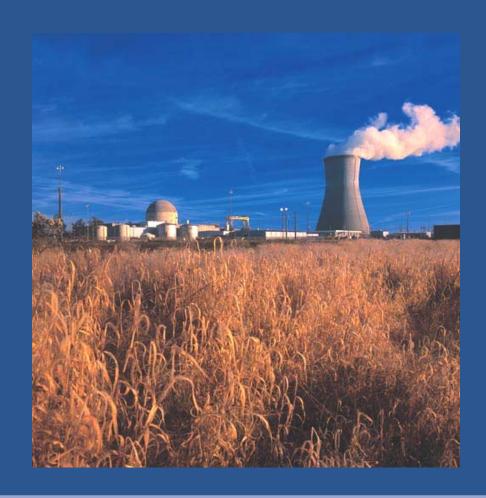
Meeting The Challenge: Availability of renewable energy





State-of-the-art Nuclear Plants

- Nuclear power
 - Emits zero greenhouse gas emissions
 - Promotes energy independence through less reliance on foreign energy sources
 - Stable prices over time





Harris Nuclear Plant

Celebrating 20 years of safe, reliable operation.





