

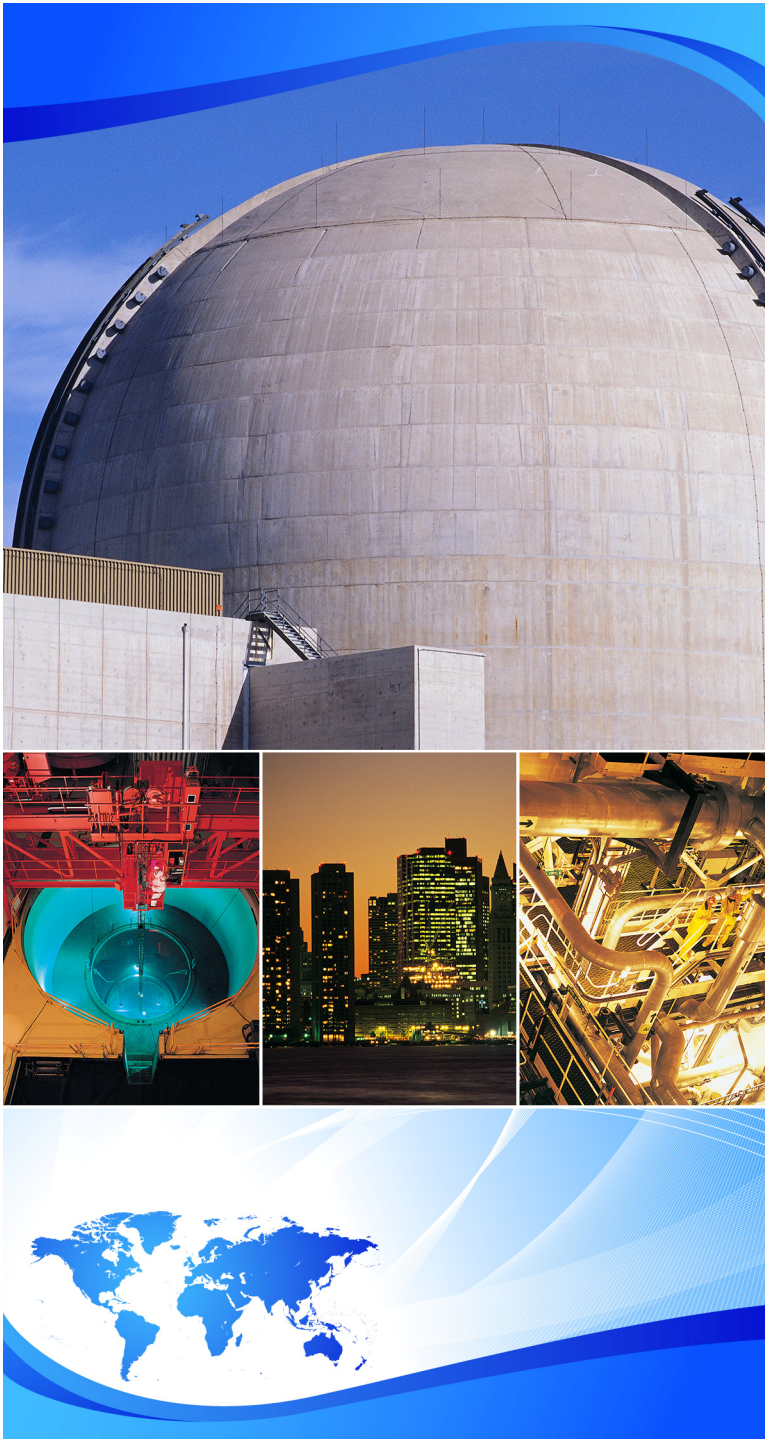


ELECTRIC POWER
RESEARCH INSTITUTE

Future Fire Protection and Fire Research Activities – Plenary 5 / Session 1

NEI Fire Protection Forum
September 2009

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Fire PRA Methods Enhancements

Fire PRA methods enhancements are planned to continue for the next several years

- **Fire Events Database**
 - **Structure**
 - **Event classification**
 - **Infrastructure for collection and analysis**

Fire PRA Methods Enhancements

- PRA Methods Enhancements
 - To fill gaps in existing methods
 - Plant specific features or issues
 - Reactor type specific (i.e., no BWR pilot)
 - Improve realism
 - Amend or change existing methods
 - Refine or develop new methods

Fire Protection Research

- Participate with NRC RES in completing DC Circuit Testing
- **Consider** performing testing:
 - Heat release rates for electric cabinets
 - Fire growth and propagation tests
 - Fire modeling fidelity testing
 - Incipient Detection data gathering and testing



Together...Shaping the Future of Electricity