

# ***RIC 2003***

## ***License Renewal/Power Upgrades***

### ***Session W7***

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#### ***NRC Power Uprate Program***

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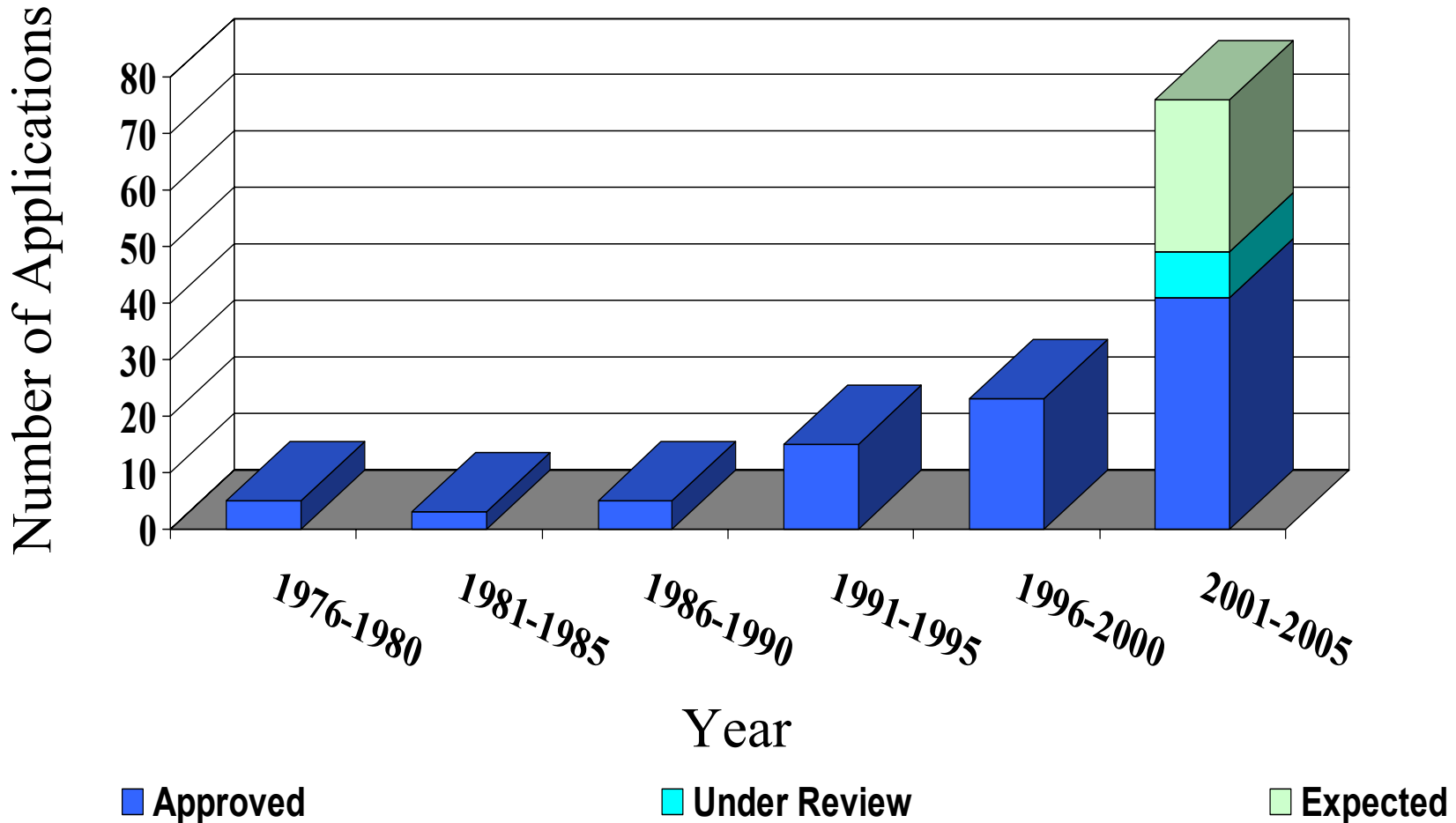
# *Types of Power Upgrades*

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- ⊕ Measurement Uncertainty Recapture (MUR) Power Upgrades
- ⊕ Stretch Power Upgrades
- ⊕ Extended Power Upgrades (EPUs)

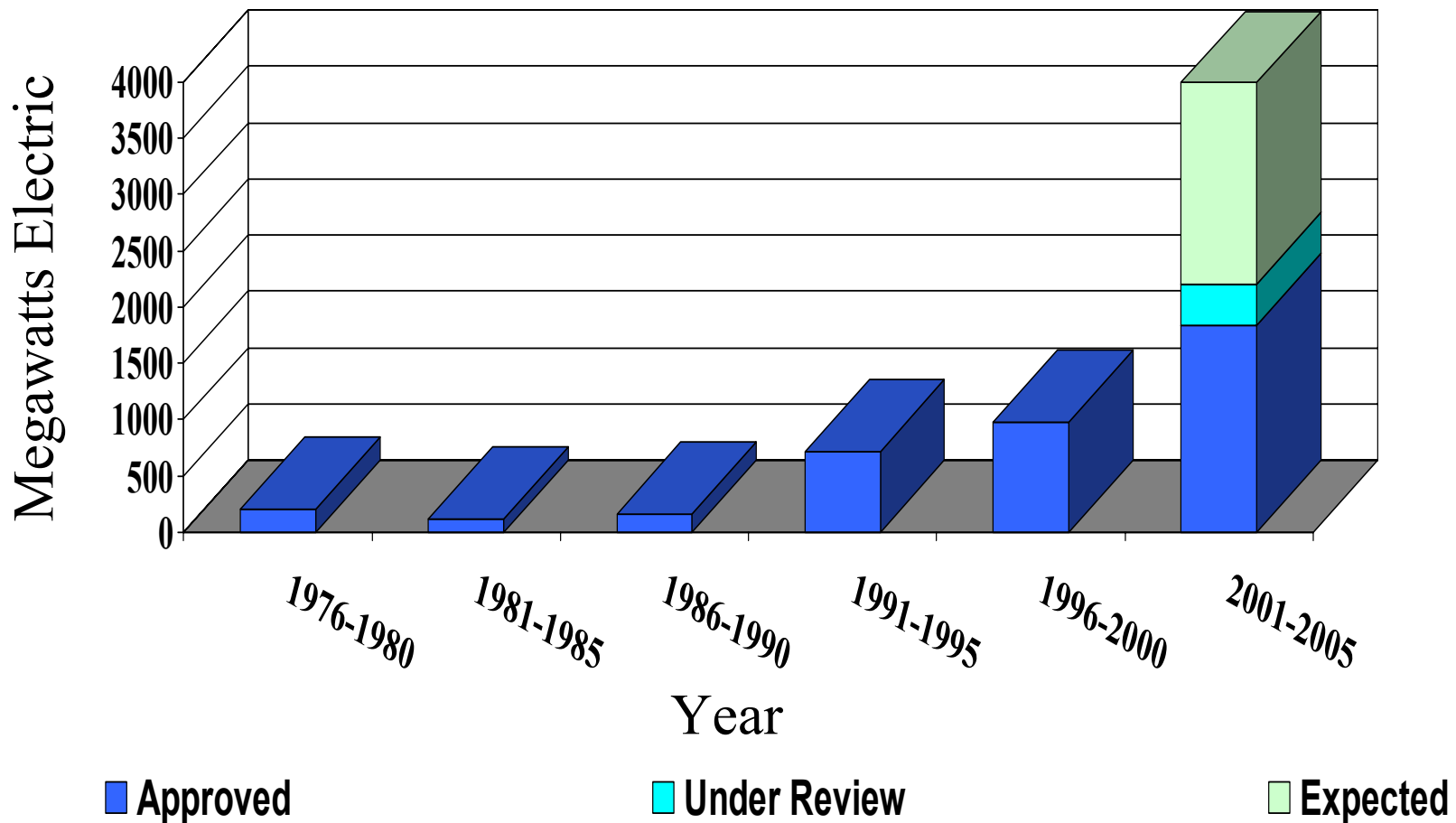


# *Power Uprate Applications*





# *Megawatts Electric*





# *Priority*

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- High Priority
- Among Most Significant Licensing Actions
- Timeliness Goals
  - 6 Months for MUR Power Uprates
  - 9 Months for Stretch Power Uprates
  - 12 Months for EPU's



# *Effectiveness & Efficiency Plan*

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## ❖ Standardization of Power Uprate Applications/Reviews

- ❑ Draft Review Standard RS-001 for EPU's
- ❑ Template Safety Evaluations for Stretch Power Uprates
- ❑ RIS-2002-03 for MUR Power Uprates

## ❖ Project Management

- ❑ Semiannual Surveys
- ❑ Detailed Process Models
- ❑ Scheduling and Monitoring Ongoing Reviews
- ❑ Program Monitoring and Trending
- ❑ Future Planning and Forecasting Resource Needs



# *Effectiveness & Efficiency Plan*

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*(Continued)*

## ⊕ Inspection Procedure 71004

- ⊕ Verify most risk-significant aspects of power uprates greater than 7.5%

## ⊕ Communication

- ⊕ NRC Website for Power Uprates

- <http://www.nrc.gov/reactors/operating/licensing/power-uprates.html>

- ⊕ Public Meetings & Workshops



# *Other Topics of Interest*

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## ⊕ Topical Reports

- ⊕ General Electric CPPU Topical Report
- ⊕ General Electric TPO Topical Report

## ⊕ Advisory Committee on Reactor Safeguards Review





# *Challenges*

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## ⊕ Licensees

- ⊕ Quality of Applications
- ⊕ Timeliness of Correspondence

## ⊕ NRC

- ⊕ Process Improvements
- ⊕ Internal/External Communication