RIC 2003
License Renewal/Power Uprates
Session W7

NRC Power Uprate Program

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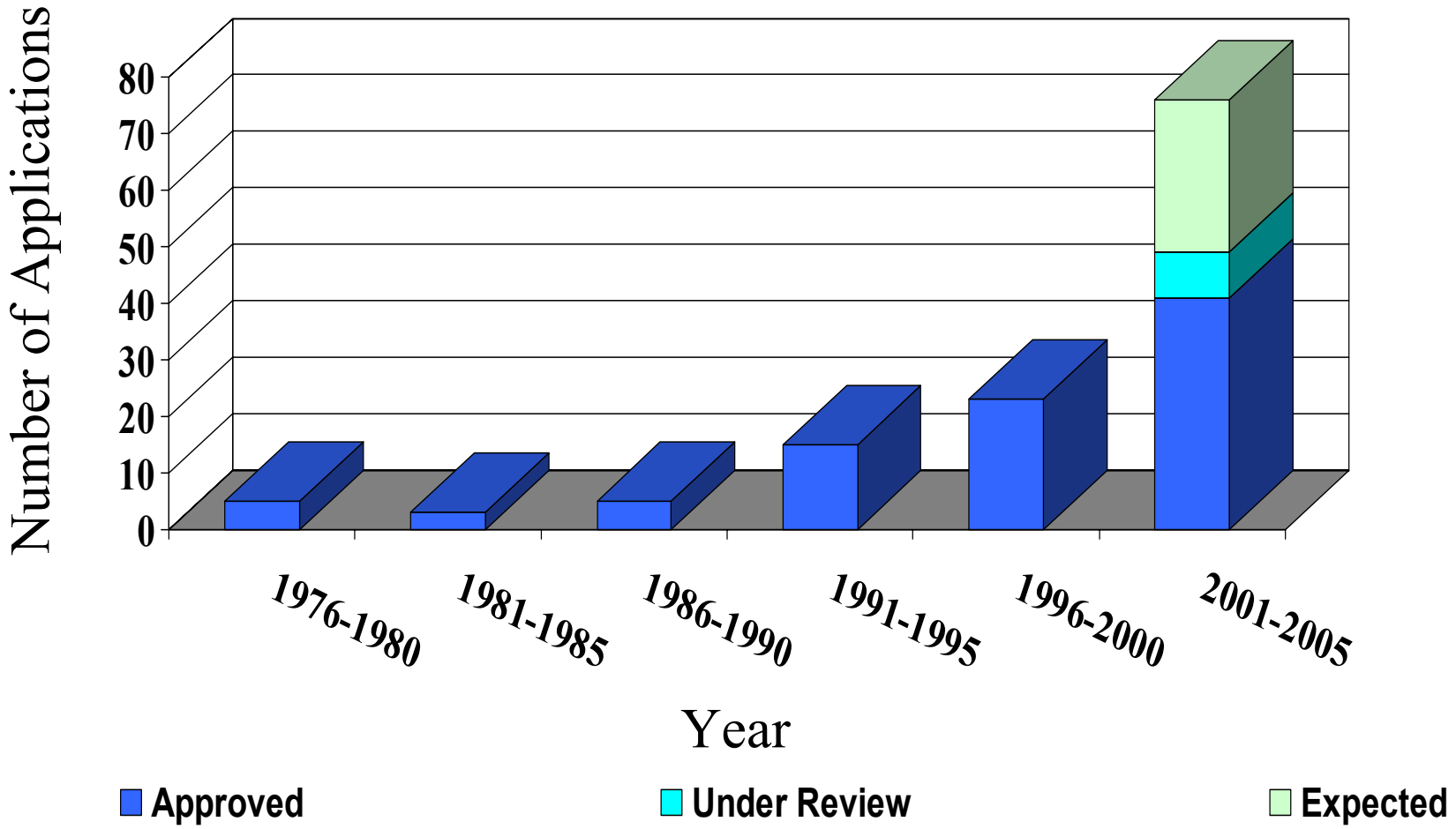
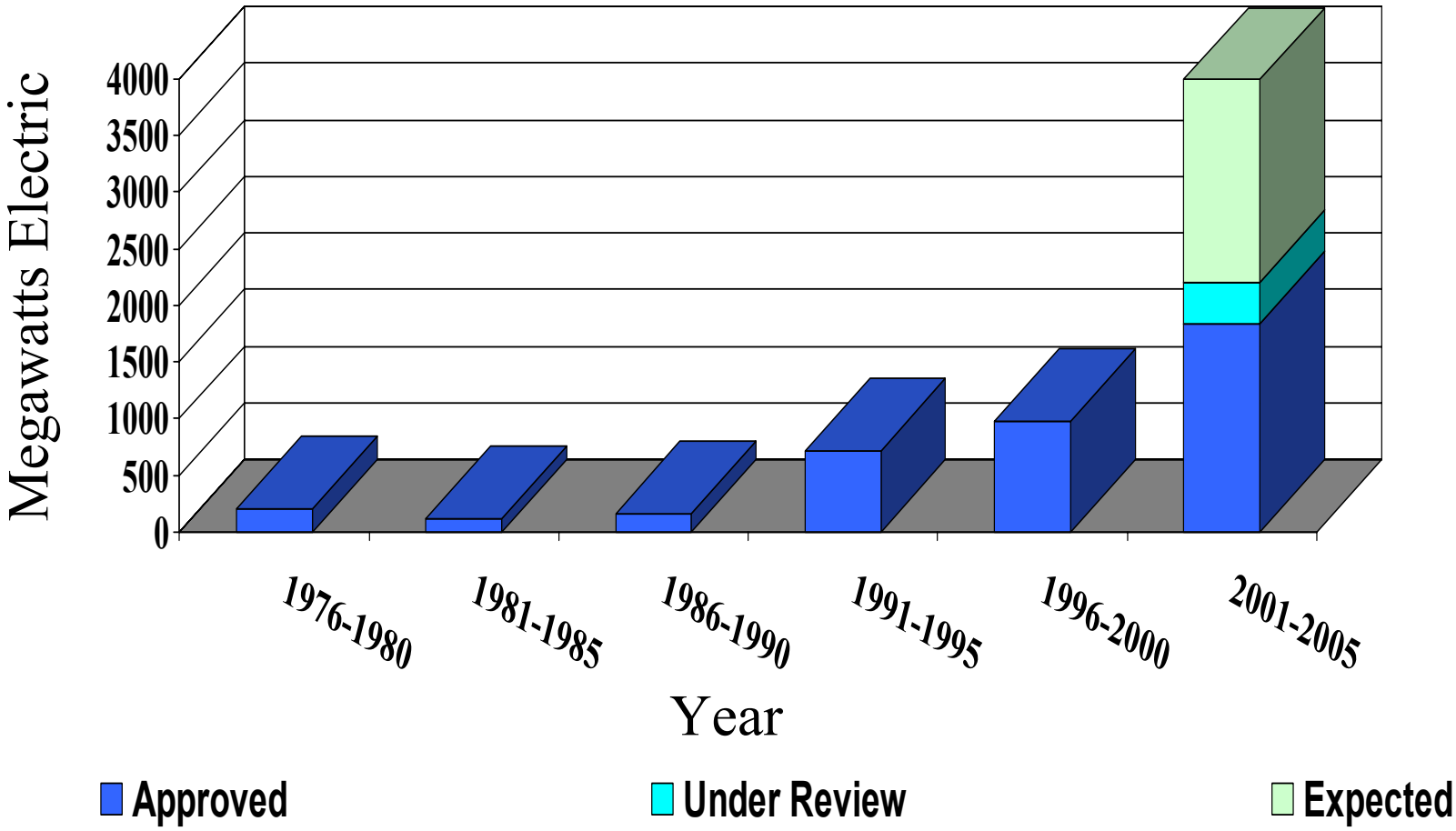
Types of Power Uprates

- Measurement Uncertainty Recapture (MUR) Power Uprates
- Stretch Power Uprates
- Extended Power Uprates (EPUs)

Power Uprate Applications



Megawatts Electric



Priority

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

Effectiveness & Efficiency Plan

- Standardization of Power Uprate Applications/Reviews
  - Draft Review Standard RS-001 for EPUs
  - 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

(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

- Topical Reports
  - General Electric CPPU Topical Report
  - General Electric TPO Topical Report

- Advisory Committee on Reactor Safeguards Review

Challenges

- Licensees
  - Quality of Applications
  - Timeliness of Correspondence
- NRC
  - Process Improvements
  - Internal/External Communication