

POWER UPDATES

DEVELOPMENT OF REVIEW STANDARD FOR EXTENDED POWER UPDATES

ACRS 494th Meeting

July 11, 2002

- Background
- ACRS Feedback
- Review Standard
- Benefits of a Review Standard
- Extended Power Uprate Review Standard Effort
- Schedule
- Conclusions

BACKGROUND

- Maine Yankee Lessons Learned
- Template Safety Evaluations
- SECY-01-0124, dated July 9, 2001
- Commission Meeting with ACRS, December 5, 2001
- ACRS Letters on EPU Reviews
- SECY-02-0106, dated June 14, 2002

ACRS FEEDBACK

- Documentation
- Reload Analyses
- Independent Calculations
- Anticipated Transients Without Scram
- Fuel

ACRS FEEDBACK

- Operator Action Times
- Material Degradation
- Containment Response
- Large Transient Testing
- Probabilistic Risk Assessment
- Communication with Inspection Staff

REVIEW STANDARD

- Clearer Definition of Scope of Review
- Technical Review Criteria
- Process Guidance
- Model Safety Evaluations

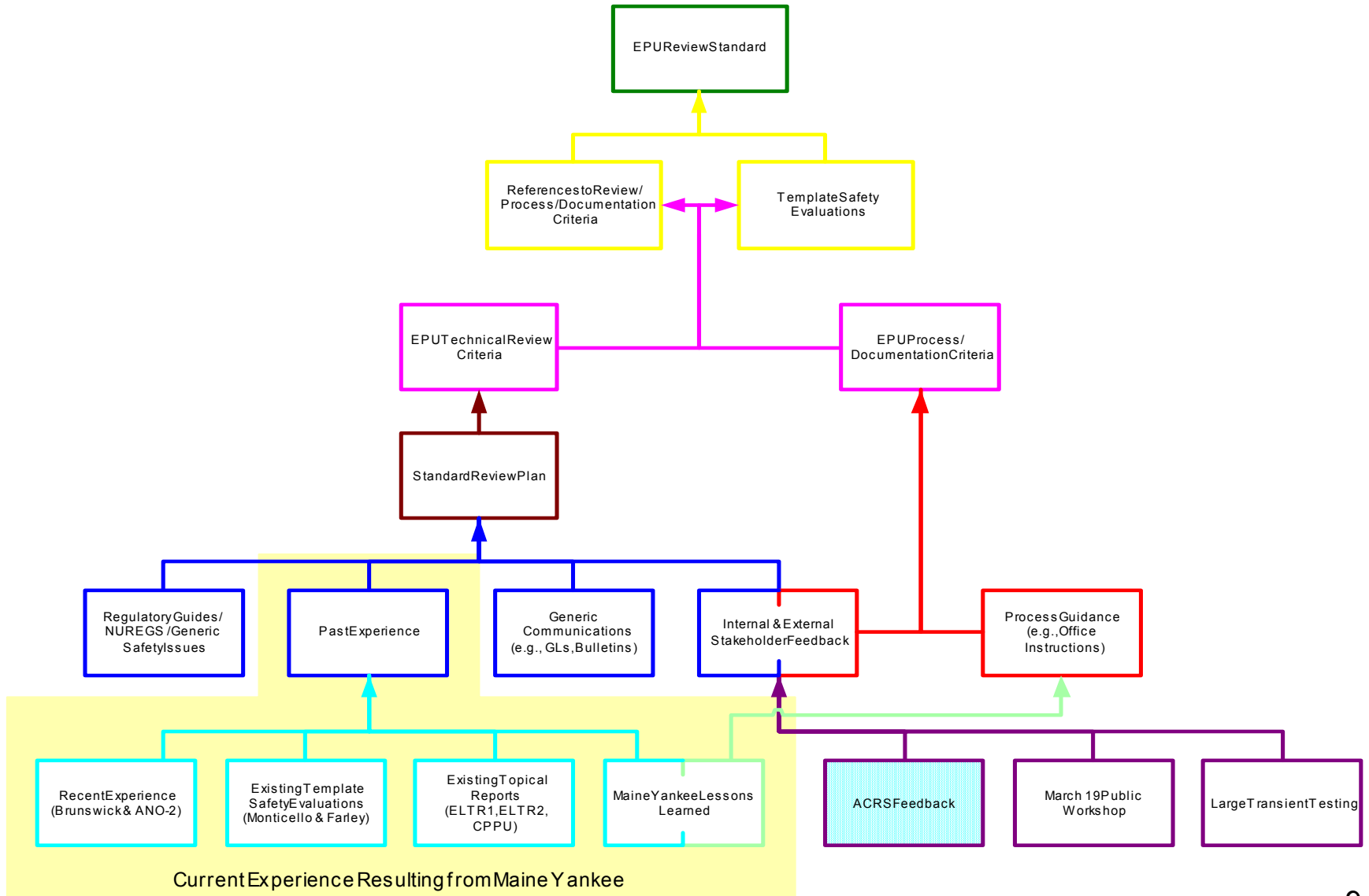
BENEFITS OF A REVIEW STANDARD

- Comprehensive Guidance Document
- Retain Institutional Knowledge
- Provide Technical Review Criteria and Process Guidance for New Hires
- Update Existing Review Criteria (e.g., Existing SRP)

BENEFITS OF A REVIEW STANDARD

- Consistent with NRR's Vision for Centralized Work Planning
- Improve Focus, Consistency, Completeness, and Thoroughness of Review
- Improve Documentation of Review

Extended Power Uprate Review Standard Effort



SCHEDULE

- Issue Review Standard for Interim Use and Public Comment – December 2002
- ACRS Review Following Public Comment
- Issue Final Review Standard – Early 2004

CONCLUSIONS

- The Staff is Developing a Review Standard for Extended Power Uprates
- Development of the Review Standard will Address ACRS and Other Stakeholder Feedback Received to Date
- Review Standard is Expected to Result in Improved Focus, Consistency, Completeness, and Thoroughness of Reviews, and Better Documentation of Reviews.
- Development of a Review Standard is Consistent with and Goes Beyond the Committee's Recommendation to Develop an SRP