



**ENERGY
NORTHWEST**

Columbia Generating Station License Renewal



*March 25, 2009
Abbas Mostala
Project Manager*

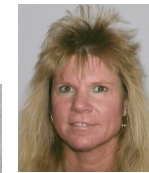
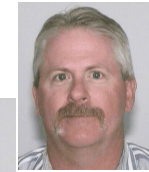
Objectives

- ✦ Introduce the License Renewal (LR) Process
- ✦ Explain Nuclear Industry LR Status
- ✦ Explain Columbia LR Project Scope
- ✦ Explain Columbia LR Project Status
- ✦ Explain LR Project Estimated Cost



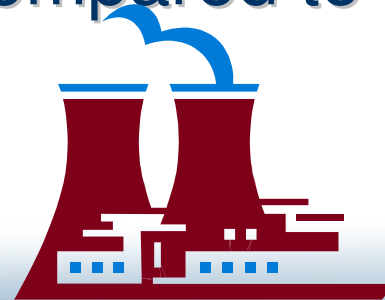
Columbia LR Team Leads

- ✦ Civil/Structural – John Twomey
- ✦ Electrical – Jeff Person
- ✦ Mechanical NSSS – Scott Wood
- ✦ Mechanical BOP – Janet Worthington
- ✦ Licensing - Marsha Eades
- ✦ Environmental – Jim Chasse
- ✦ Project Manager – Abbas Mostala
- ✦ AREVA LR Team
- ✦ Each Lead w/ over 25 yrs of nuclear experience

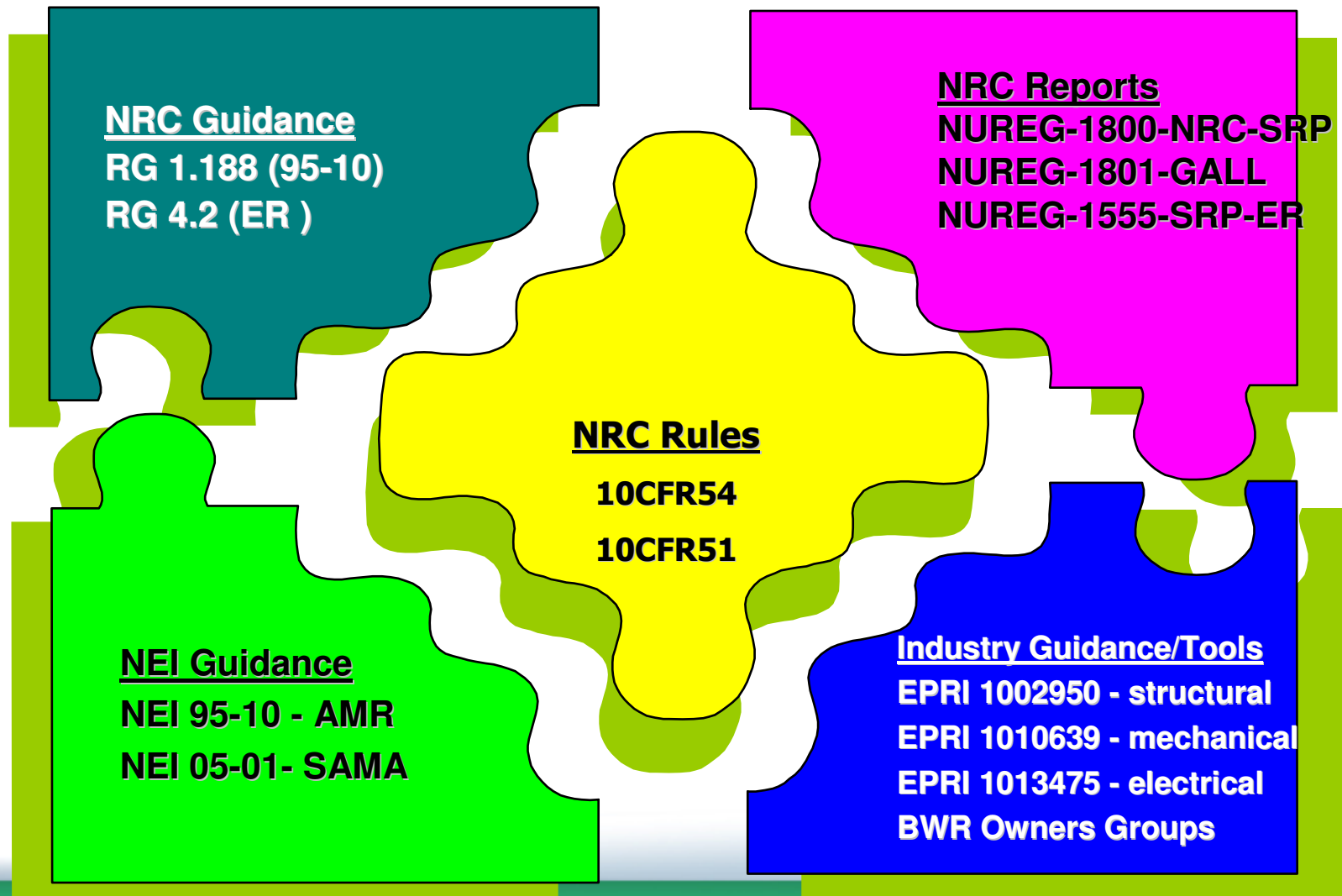


License Renewal (LR) means:

- ✦ An additional 20 years of operation beyond the original 40 year license (from 2023 – 2043)
- ✦ A “stable and predictable” regulatory process
- ✦ Commitment to specific aging management programs to maintain the current licensing basis (CLB)
- ✦ Low cost - high benefit compared to a new power source

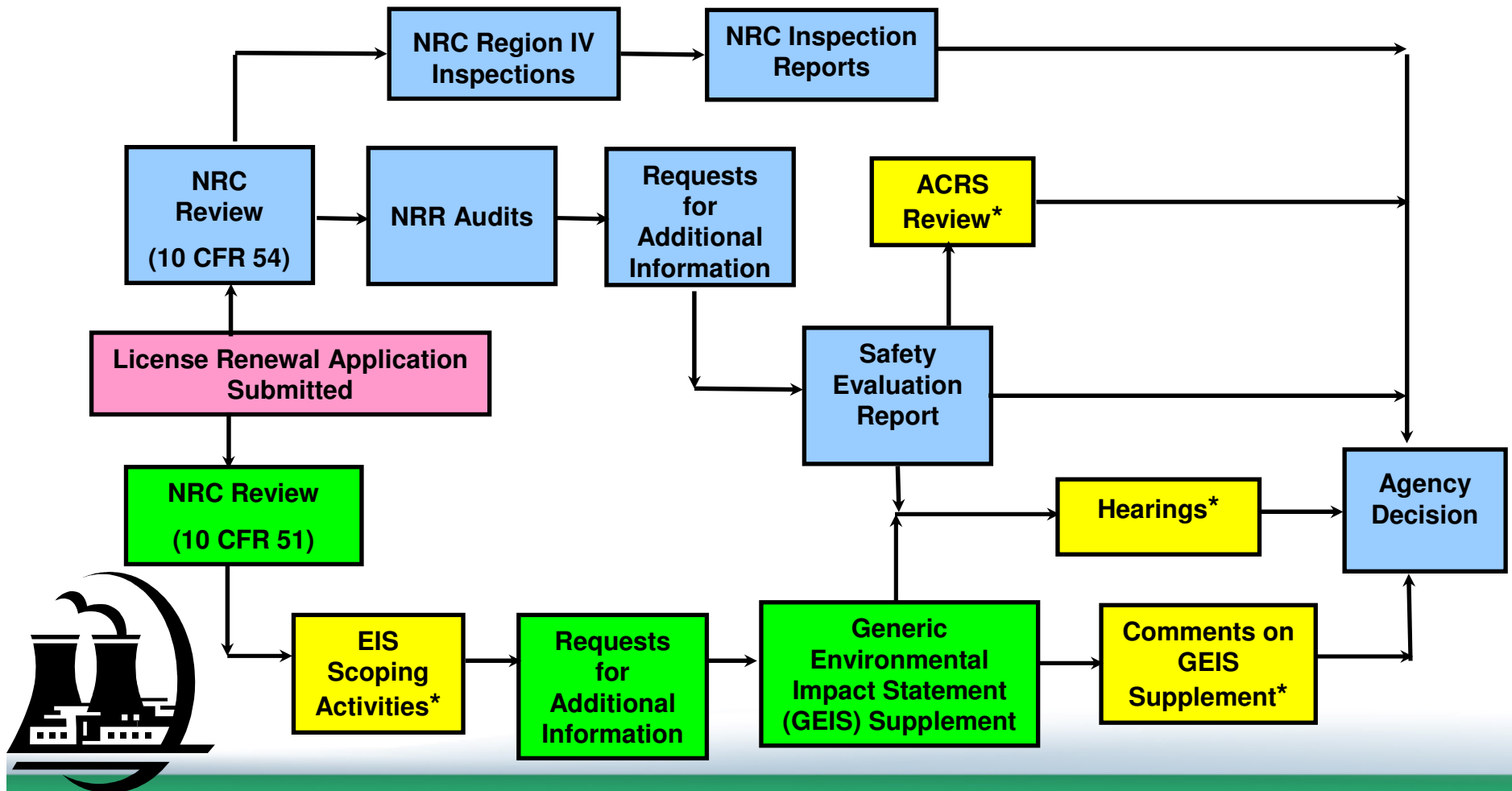


LR Rule and Guidance

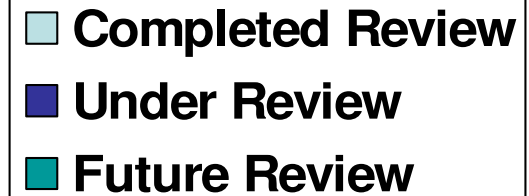
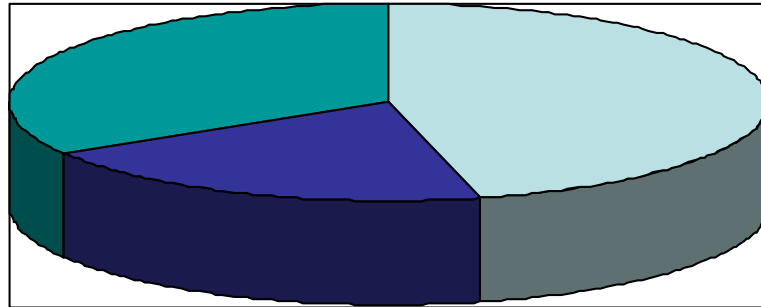


NRC License Renewal Review Process

* Opportunities for public participation

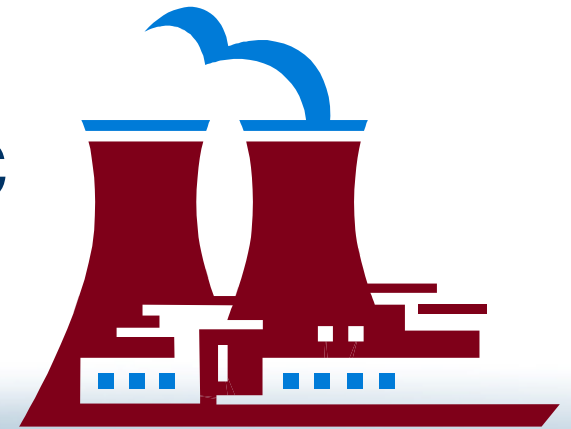


Nuclear Industry LR status



✦ 104 US Operating Reactors

- ✦ 48 LRA Approved by the NRC
- ✦ 21 LRA Under Review by the NRC
- ✦ 35 Future Applications Submittals



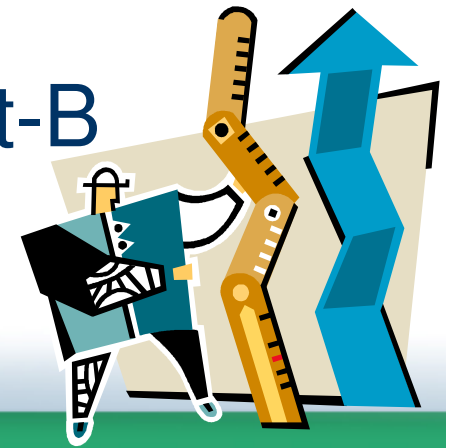
Columbia License Renewal Project Scope

- ✦ Prepare Scoping & Screening documents, Aging Management Programs, Time Limited Aging Analysis documents, and Environmental Report
- ✦ Prepare and submit Columbia Generating Station License Renewal Application to the NRC
- ✦ Prepare the LR implementation process
- ✦ Resolve any NRC questions and obtain Columbia's renewed operating license for an additional 20 years



Columbia License Renewal Project Status

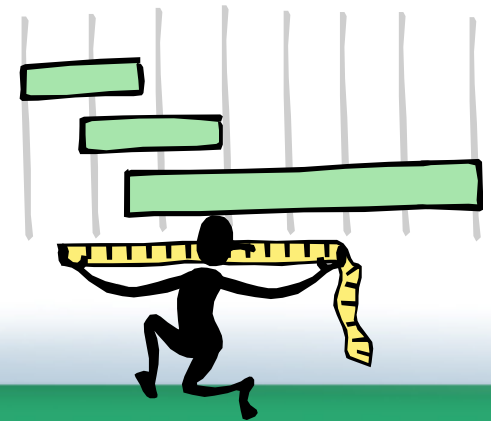
- ✦ Scoping & Screening Completed
- ✦ Aging Management Review Completed
- ✦ Aging Management Programs Completed
- ✦ Time Limited Aging Analysis Completed
- ✦ Environmental Report Completed
- ✦ License Renewal Application Draft-B Completed



Columbia License Renewal Project

Near Term Activities

- ✦ Industry peer reviews – May 22, 2009
- ✦ Sufficiency Review – May 30, 2009
- ✦ POC subcommittee review – April 24, 2009
- ✦ POC review meeting – July 8, 2009
- ✦ CNSRB review meeting – July 13, 2009
- ✦ LRA Submittal Package – November 30, 2009
- ✦ Approval – December 4, 2009
- ✦ LRA submittal – December 30, 2009



License Renewal Project Estimated Cost

- ✦ Total estimated cost for **FY10**: \$3,002,000
- ✦ **Total** estimated project cost (FY07 through FY12): \$17,695,700



Summary

- ✦ I believe this is a Prudent & Judicious Project for the NW Rate Payers
- ✦ LR Process is a Proven well traveled path
- ✦ Project is on Schedule & on Budget
- ✦ Project is on Track with high Quality
- ✦ This is a Successful Project because of:
 - Experienced & Competent Columbia and AREVA Team and,
 - Your Support and Trust in us. Thank you

THANK YOU

Questions?

