

RIC 2002

Session T4

New Reactor Licensing

Tony L. McConnell
Vice President, Engineering Services
Duke Engineering and Services
March 5, 2002

Question #2 “What can the NRC do to streamline 10 CFR Part 52 licensing processes?”

- NRC’s limited resources and increasing demands (license renewal, upgrades)
- Can licensing reviews focus on safety significant matters?
- The Near Term Deployment Roadmap (NTDR)* initiative recommended overlap of early site permit and combined license (COL) and design certification and COL application submittals. What is NRC’s reaction to this overlap?

***NTDR document address:**

<http://www.ne.doe.gov/nerac/ntdroadmapvolume1.pdf>

Question #3: How can INDUSTRY contribute to a more efficient NRC 10 CFR Part 52 review process?

- As in question #2, NRC's limited resources is an issue
- Should standardized templates be developed for licensing submittals?
- Should a “vertical slice” of the COL process be submitted as a test case?
- The NTDR initiative recommended the NRC approve a COL application for a gas reactor with the caveats that the NRC would later approve fuel test program matters prior to fuel load, and that the owner/licensee would accept the risk. What is the NRC's reaction to this time saving strategy?