The New Reactor Next Door: Some Lessons and Observations

Dan Stoddard
Site Vice-President
North Anna Power Station

Dominion
“Nuclear Safety First”
North Anna Unit 3 - Timeline

2007 – Long lead time items orders
2007 – Early Site Permit receive
2007 – COL submitted
2008 – COL accepted by NRC
2008 – Begin site separation work
2011 – COL approved by NRC
2012 – (Potentially) begin construction
2016/17 – Unit 3 achieves commercial operation
Top Ten Ways You Know Someone Want to Build a New Reactor Next Door

10. People start showing up at your plant with drill rigs saying “don’t worry, we’re just core boring for the new unit.”

9. Some of the same people come to you later offering to build you new buildings. (Why do I need new buildings?)

8. You start getting so many visitors you consider renaming your visitors center “Nuclear Disney World.”

7. Many of those visitors begin to have titles like “Commissioner” and “General.”

6. You see yourself quoted in a Washington Post article that is actually positive.
Top Ten Ways You Know Someone Want to Build a New Reactor Next Door

5. You have people declaring themselves as “Friends” of your lake, but who don’t seem to believe you should get to use it.

4. A “brain eating amoeba” is not something you just read about in a Stephen King book.

3. You have prospective new employees who say the plant is “really great, but when can I work at the new reactor?”

2. You come to a public meeting and find the parking lot filled with hybrid vehicles and speakers announcing that they are from Albemarle County.

1. You find yourself giving a talk to a room full of very bright people on a topic about which you are still learning yourself - one day at a time.
Challenges of the New Reactor

• Physical
• Political
• People
Physical

- Drilling
- Digging
- Power
- Piping
- Buildings
- Roads
Political

• Tours
• Visitors
• Media
• Meetings
• Stakeholders
People

• Recruiting
• Retention
• Availability
• Knowledge and Skills
Making the Dream a Reality

• Commercial
• Regulatory
• The Bottom Line: