



**RIC 2014**  
**New Reactor Construction Successes and Challenges**

Andrea Valentin, Deputy Director  
Division of Construction Inspection and Operational Programs  
Office of New Reactors  
Nuclear Regulatory Commission

March 13, 2014

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**General Information**

- **Audio Recording of Session** – All sessions will be audio recorded. Recordings of each session will be available on the RIC public web site post-conference.
- **Presentation Materials** – Presentations received prior to the conference are currently available on the RIC public web site. Presentations received during the conference will be available on the RIC public web site post-conference.
- **Unanswered Questions** – Questions not answered during the sessions will be available along with their answers on the RIC public web site post-conference.

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**General Information (continued)**

- **Evaluation Forms** – Evaluation forms are available to participants both electronically (by QR Code) and in hardcopy format . Hardcopies can be submitted in the Evaluation Drop Boxes or at the Registration Service Desk.
- **Feedback** – Your feedback is valuable to us as it helps us to improve the conference each year. You are welcome to email your comments to [RICHelpDesk@nrc.gov](mailto:RICHelpDesk@nrc.gov) at any time.

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### Session Participants

- **Session Chair**
  - Andrea Valentin, Deputy Director, Division of Construction Inspection and Operational Programs, Office of New Reactors, NRC
- **Speakers/Panelists**
  - Alan Torres, General Manager Nuclear Plant Construction, New Nuclear Deployment, South Carolina Electric and Gas Company
  - Rahsean LaNaul Jackson, Senior Resident Inspector (VC Summer Units 2 & 3), NRC
  - Mr. Li Jigen, Director Division III of Nuclear Power Plants Regulation, National Nuclear Safety Administration, Peoples Republic of China

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### Part 52 Implementation Lessons Learned

- NRO and Region II staff conducted the Part 52 lessons learned self-assessment with input from internal and external stakeholders.
- The review was conducted as part of the NRC's routine program of self-assessment and continuous improvement.

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### Part 52 Implementation Lessons Learned (continued)

- First year after the issuance of the first combined operating license (COL).
- Several findings (both good practices and areas for improvement) were identified.
- The full report can be accessed in ADAMS (Accession No. ML13357A259).

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**Part 52 Implementation Lessons Learned (continued)**

Five Areas with Recommended Enhancements:

1. Design Control Document (DCD) Tier 2\* information
2. Regulatory decision-making
3. Inspections, Tests, Analyses and Acceptance Criteria (ITAAC) closure
4. Vendor Inspection
5. Changes to the design basis during construction

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