


Radiation Protection Computer Code Analysis and Maintenance Program (RAMP) at One Year: Advancing Radiation Protection Codes Thru International Cooperation

Chair: Rebecca Tadesse
 Chief, Radiation Protection Branch
 Office of Nuclear Regulatory Research
 March 8, 2016




General Information

- Audio Recording of Session
 - All sessions will be recorded
 - Audio recording will be available on the RIC website after the conclusion of the conference.
- Unanswered Questions
 - Questions that are not answered during the conference session will be posted along with the answers on the RIC website after the conclusion of the conference.
- Presentation Materials
 - All electronic presentation materials will be posted on the RIC website after the conclusion of the conference.




NRC Radiation Protection Activities

- **Office of New Reactors**
 - Conducting new reactor licensing reviews (combined license - COL, design certification, early site permit applications)
 - Supporting license amendment requests (design changes) for Vogtle and Summer COLs
 - Supporting construction and vendor inspections
 - Preparing for Small Modular Reactor applications
- **Office of Nuclear Reactor Regulations**
 - Updated the associated baseline inspection procedures and continued implementation of the ROP in the Radiation Safety Strategic Area
- **Office of Nuclear Material Safety and Safeguards**
 - Reviewing the License termination Plans for Humboldt Bay and Zion



NRC Radiation Protection Activities

- **Office of Nuclear Regulatory Research**
 - Develop technical bases for a potential 10 CFR Part 20 and 10 CFR Part 50 Appendix I Rulemaking
 - Updates to RADTRAD, RACAL, GALE and Habit Computer Code
 - Radiation Exposure and Information Records System
 - RAMP - Radiation Protection Computer Code Program
 - Revision to the Abnormal Occurrence Criteria
 - Updates to Regulatory Guides such as RG 8.7 and RG 8.10, RG 8.11



Presenters

- Rebecca Tadesse, Nuclear Regulatory Commission
[Update on NRC's Radiation Protection Program](#)
- Stephanie Bush-Goddard, Nuclear Regulatory Commission
[RAMP – Recent Developments](#)
- Luis Benevides, Nuclear Regulatory Commission
[RAMP Code Updates](#)
- John Fulton, Sandia National Laboratories
[Integration of Canadian and South African Reactors into RASCAL](#)
- Lixiang Yu, China Nuclear Power Engineering Co., Ltd
[Introduction to CNPE](#)



Session Format

- Each presentation will be about 15 minutes
- Approximately 20 minute question and answer session at the end
