Construction Permit Application Review Workshop
AGENDA

DAY 1 **Start Time:** **10:00am** **End Time:** **4:15 pm**	Introductory remarks Course objectives and approach Key references Organization of course
	I. Regulatory prerequisites A. Agency prerequisites B. Regulatory Process
	BREAK
	II. Safety objectives, requirements, and concepts A. Fundamental safety objectives B. Acceptance criteria C. Fundamental safety functions D. Generic safety concepts
Post-Lunch	III. Overview of licensing process for CP phase **BREAK** Overview of licensing process for CP phase
DAY 2 **Start Time:** **8:30am** **End Time:** **4:15 pm**	**IV. Preliminary Safety Analysis Report (PSAR)** Chapter 1 – Introduction and General Description of the Plant Chapter 2 – Site Characteristics **BREAK** Chapter 3 – Design of Structures, Components, Equipment and Systems **Classification Exercise**
	Chapter 4 – Reactor
Post-Lunch	Chapter 5 – Reactor Coolant System and Connected Systems Chapter 6 – Engineered Safety Features
	BREAK
	Chapter 7 – Instrumentation and Controls

DAY 3 **Start Time: 8:30am** **End Time: 4:15 pm**	Chapter 8 – Electric Power Chapter 9 – Auxiliary Systems Chapter 10 – Steam and Power Conversion System
	Chapter 11 – Radioactive Waste Management
	Chapter 12 – Radiation Protection Chapter 13 – Conduct of Operations
Post-Lunch	Chapter 14 – Construction Inspection/Verification and Initial Test Program Chapter 15 – Accident Analyses
DAY 4 **Start Time: 8:30am** **End Time: 4:15 pm**	Chapter 16 – Technical Specifications Chapter 17 – Quality and Reliability Assurance Chapter 18 – Human Factors Engineering
Post-Lunch	Chapter 19 – PRA and Severe Accidents
	V. Preliminary reviews and prioritization A. Prioritization process B. In-class prioritization exercise (Station Blackout) C. Prioritization break-out session (Reactor Service Water System) D. In-class review of prioritization exercise results

DAY 5 **Start Time: 8:30am** **End Time: 3:00 pm**	VI. Review methodology and system review A. Summary of licensing process for CP phase B. Summary of review process C. In-class section review and RAI development (Emergency Core Cooling System) **BREAK** D. System review and RAI development break-out session (Emergency Feedwater System) E. In-class review of system review exercise results F. Review of selected actual NRC staff EFW system RAIs VII. Documenting the regulatory review A. Construction permit findings B. Construction Permit C. Operating license caveat
Post-Lunch	Summary of course, questions/answers Course evaluation
Post-Workshop	Management Meeting – Wrap Up

Please note that the Workshop Instructors will provide Breaks throughout the day at a suitable stopping point in their instructions. In addition, a one-hour lunch break will be provided at approximately 12:00 PM (noon).