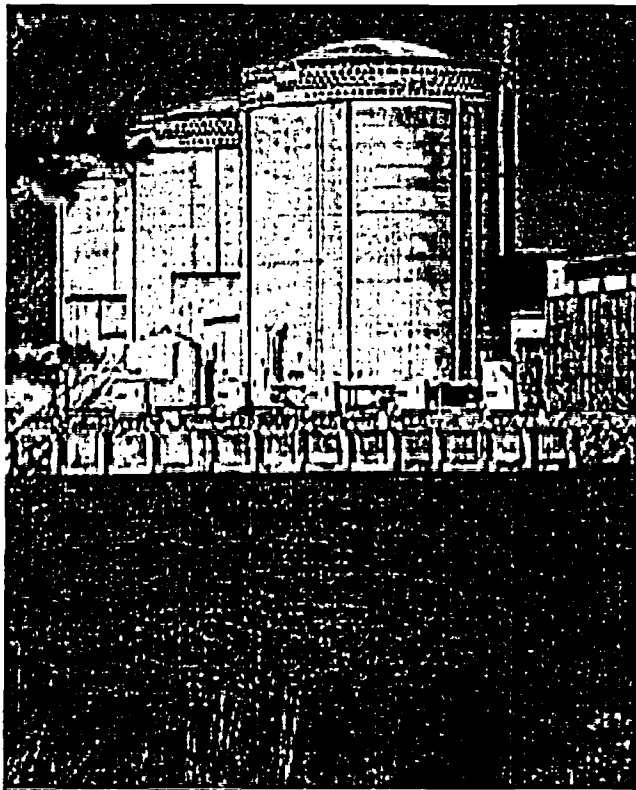




Oconee Nuclear Site



NRC Interface Meeting May 10, 2004



Underlying Foundation

- Oconee and NRC working together for nuclear safety built on a foundation of:
 - Mutual trust and respect
 - Open communication
 - Clarity of requirements and expectations
 - Consideration of priorities
 - Predictable results



Oconee Timeline Overview

- Oconee PRA Development
- Early 90's Emergency Power Study
- Mid-90's Safety-related Classification Project
- 1998; MOG ongoing, Design Basis Group formed, Priorities Understood and Aligned
- 11-2-98 Interface Meeting in NRR
- 1999 Implemented ITS
- License Renewal and Significant Plant Upgrade
- NRC Transition to ROP



Summary Of Interactions

- ROP Items
 - EFW design
 - Tornado
 - HELB
 - AB Flood
 - CR Habitability
 - AB Cooling
 - SSF
- NRR Items
 - EFW
 - Tornado
 - HELB (ASP)
 - AB Flood
 - CR Habitability/AST
 - Keowee
 - QA classifications



Barriers To Success

- Oconee Design
 - Non-SRP, LBLOCA bounding
- Minimal historical interest in non-Ch 15 external events
 - Analysis and documentation rigor much less than Ch 15 scenarios
 - SERs did not document entire NRC review and approval
- NRC change from deterministic to risk-based



Barriers To Success

- Existence of comprehensive ONS PRA
- Absence of approved RCP seal model
- Staff/Inspector discomfort with ONS original design
- Competing and/or misunderstood priorities
- Absence of predictable outcomes
- Reluctance to accept engineering judgment