# Meeting U.S. Nuclear Regulatory Commission Nuclear Energy Institute

RG 1.200 and RI-ISI

July 17, 2007



#### Introduction

To continue open dialogue on issues related to risk-informed ISI



- To date >85 units have received NRC approval to implement RI-ISI programs
- To date ~10 units have received re-approval of their RI-ISI programs
- These approvals required a reasonable reflection of the as-built / as-operated plant
- ~13 units scheduled for re-submittal in 2008



- From a RI-ISI perspective, peer review (NEI-00-02) has proven to be a successful approach for addressing PRA technical adequacy
- RI-ISI living program component
  - Periodic updates
  - Thermal fatigue (MRP-146),
  - ◆ PWSCC (MRP-139),
  - ◆ FAC,
  - Localized corrosion,
  - Operating experience per NUREG-0737



- PRA Quality Statement, section 1.2 of RI-ISI template
- Impact on Plant risk
  - Very small increase
  - Risk neutral
  - Risk decreases



- Significant worker exposure reductions
- RI-ISI Submittal Template supports NRC review:
  - ◆ Delta Risk Numbers
  - Number of Inspections
  - Allocation of Inspections
- Experience with NRC Approval has confirmed that the risk is small

