

## **Risk Informed Regulation**

### **10 CFR 50.69**

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  - RISC 3 Components (70% - 80% of EQ Scope)
  - Exempt from Special Treatment (Appendix B, Part 21)
  - Exempt from 10CFR50.49 (EQ Requirements)
  - Licensee Shall Ensure with “Reasonable Confidence” that RISC 3 Components will Remain Capable of Performing their Safety Related Function under DBE Conditions
  
- **NRC Inspection Procedure 37060**
  - 10 CFR 50.69 **Does Not** Remove GDC 4 Requirements
  - Licensee Must Address Temperature, Pressure, Humidity, Chemical Effects, Submergence, and Aging Effects
  - RISC 3 Components are Required to Function under DBE Conditions
  - Requirements include Examination Techniques, Testing Strategies, and Documentation
  
- **Regulatory Guide 1.75 Electrical Separation**
  - Endorses IEEE 384-1992
  - Electrical Separation must be Provided
  - Separate SR and Non-SR Components w/ Isolation Device
  - Non-SR Components in SR Circuits (Associated Circuits) must be Treated as SR
  
- **RISC 3 Component Concerns**
  - Treat as Non-SR
  - Purchase as Non-SR
  - Remove from the EQ Program & Run to Failure
  - Not Electrically Separated from Other SR Components
  - 10 CFR 50.49 (b)(2) Non-SR Equipment Whose Failure Could Prevent SR Functions Must be Qualified