



What 1189 is Intended to Accomplish

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Clarification and Process

- Clarify expectations for project nuclear safety documents
 - SDS – 413.3 only identifies need for safety strategy and gives brief expectation that it defines the safety documents that will be prepared
 - CSDR/PSDR – explains what they are, provides format and content, and shows relationship to project activities
 - PDSA – establishes format and content (based on 3009)
- Establishes processes
 - Safety Verification Report – approval method for CSDR and PSDR
 - SDIT – tool to help integrate safety into design

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Integration with Project Activities

- Based on 413.3 process
 - Describes the activities that support the project evolution by project phase
 - Uses and elaborates on existing project tools
 - Risk Management
 - Risk and Opportunity Analysis
- Provides expectations that allow development of nuclear safety activities within the project setting
 - Scope
 - Cost
 - Schedule



Establish Methods to Support Safety Arguments

- Design Basis Accidents
 - Evolution by project phase
 - Use in the design process
 - Functions
 - Requirements
 - Functional classification
 - Environmental conditions
 - Arguments for completeness
- Functional classification for worker safety SSCs
 - Radiological criteria for non-involved workers
 - Chemical exposure criteria for non-involved workers



Cats and Dogs

- Describes hazards analysis evolution for design activities
- Describes critical project and discipline interfaces
- Defines method to determine if Major Modification exists
- Describes considerations for Major Modifications
- Describes and establishes an overall philosophy for safety in design through set of guiding principles