

RIC 2002
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Risk-Informed Regulation Technical Requirements

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Overview

- Option 2 (10 CFR 50.69)
 - ◆ Objective is to risk-inform scope of SSCs subject to special treatment requirements

- Option 3
 - ◆ Objective is to risk-inform technical requirements
 - ◆ 10 CFR 50.44, Combustible Gas Control
 - ◆ 10 CFR 50.46, ECCS Acceptance Criteria

10 CFR 50.69

- Risk-informs scope of SSCs subject to special treatment requirements
- Draft rule language issued
- Guidance document (endorsing NEI document) being developed
- Proposed rule due to Commission July 2002

10 CFR 50.44

- Draft rule language issued
- Eliminates design basis accident as source of combustible gas
- Eliminates need for recombiners
- Eliminates need for oxygen and hydrogen monitors to be safety grade
- Proposed rule due to Commission April 2002

10 CFR 50.46

- Staff's ongoing technical studies to assess the feasibility of:
 - ◆ Voluntary risk-informed alternative to ECCS reliability requirements in GDC 35
 - ◆ Changes related to ECCS acceptance criteria and ECCS evaluation
 - ◆ Additional changes based on the state-of-knowledge of LOCA frequency of various pipe break sizes -- subject to long-term research study
- Update to SECY-01-133 due to Commission March 2002