

SUMMARY OF INFORMATION COLLECTION REQUEST

Title: 10 CFR 50.46, "Risk-Informed Changes to Loss-of-Coolant Accident Technical Requirements,"
Proposed Rule

Current Burden/Responses: Part 50: 5,228,367 hours/7,054 responses

Proposed Burden/Responses: Part 50: 5,552,575 hours/7,077 responses

Frequency of Response: On occasion, one-time, biennially

Reasons for Changes in Burden/Responses:

Licensees choosing to take advantage of the risk-informed alternative would be required to perform a plant-wide analysis and establish ECCS performance evaluation models and submit an amendment request to NRC. Licensees would be required to periodically re-evaluate and update their risk assessments to address changes to the plant, operational practices, equipment performance, operational experience, changes in the PRA model, revisions in analysis methods, model scope, data, and modeling assumptions.

Level of Concurrence: Director
Division of Regulatory Improvement Programs
Office of Nuclear Reactor Regulation

Recordkeeping Requirements in Accordance with the Retention Periods for Records Rule:
Recordkeeping retentions are in accordance with standard retention periods.

Abstract:

NRC is amending its regulations to permit power reactor licensees to implement a voluntary, risk-informed alternative to the current requirements for analyzing the performance of emergency core cooling systems (ECCS) during loss-of-coolant accidents (LOCAs). In addition, the proposed rule would establish procedures and criteria for making changes in plant design and procedures based upon the results of the new ECCS analyses.

cc: Beth St. Mary