



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

APR - 8 1991

MEMORANDUM FOR: Edward L. Jordan, Chairman  
Committee to Review Generic Requirements

FROM: Eric S. Beckjord, Director  
Office of Nuclear Regulatory Research

SUBJECT: PROPOSED AMENDMENTS TO 10 CFR PART 50 TO  
UPDATE AND CLARIFY EMERGENCY PREPAREDNESS  
REGULATIONS FOR NUCLEAR POWER PLANTS

Enclosed for review and approval by the CRGR is the subject document which the NRC staff is recommending that the Commission issue in the Federal Register for public comment.

The paper contains recommendations to the Commission for revising its regulations in 10 CFR Part 50, to update the regulations, as well as clarify ambiguities that have surfaced during the past 10 years while implementing its emergency planning regulations. In addition, changes are being proposed to the emergency planning regulations which reflect insights gained from the new source term research.

The enclosed Federal Register Notice describes each of the proposed changes which are intended to accomplish the following:

1. Revise 50.47(b) to clarify that the reasonable assurance finding is directly linked to meeting the 16 planning standards.
2. Revise 50.47, 50.54 and Appendix E to incorporate the definition and use of fundamental flaws.
3. Revise 50.47(b)(10) in order to clarify that different protective action plans and responses are appropriate for different segments of the EPZ population under different conditions.
4. Add Footnote 1 to 50.47 in order to assure that NUREG-0654 is used as a tool for evaluating emergency plans and not as a regulation.
5. Revise Appendix E to reflect that a capability to monitor 20% of the population of the EPZ in 12 hours is acceptable.
6. Revise 50.47(b)(13) and Appendix E to require only that "criteria are provided to determine under what conditions following an accident, reentry of the facility and offsite area would be appropriate, rather than "general plans".

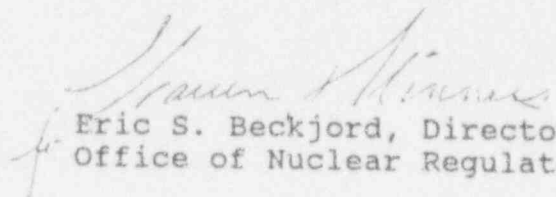
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7. Revise 50.47, 50.54 and Appendix E to reflect when the size of the EPZ can be modified as discussed in CLI-89-12.
8. Delete references to Part 70 licensees in Part 50.
9. Revise 10 CFR Part 50 Appendix E to clarify exercise requirements.
10. Revise 10 CFR Part 50, Appendix E to reflect 32 NRC 57 (1990), ALAB-935, which found that a capability must exist in order that the initial notification of the public must be conducted within about 15 minutes and that the public would then seek additional information by tuning to an emergency broadcast station.
11. Revise 10 CFR Part 50 Appendix E to reflect the actual intended use of evacuation time estimates.
12. Modify 10 CFR Part 50, Appendix E to address the principle of staged protective action.
13. Adopt the emergency planning regulations for low power operations (10 CFR 50.47(d)) for defueled nuclear reactors.
14. Revise 50.47, 50.54 and Appendix E by deleting specific dates and/or deadlines. This was done because the dates and/or deadlines have passed, therefore, rendering them unnecessary.
15. Revise Appendix E, Section IV paragraph A 5 in order to reflect proper grammar.

OGC has reviewed this proposed rule and will provide comments under separate cover. NRR obtained input from all Regional Offices and concurs with the rulemaking package. AEOD and NMSS also concur with the rulemaking package.

For your scheduling purposes, the Commission has directed the staff to provide this rulemaking package to them by June 1, 1991.

For further information contact Mike Jamgochian, RES 492-3918.

  
Eric S. Beckjord, Director  
Office of Nuclear Regulatory Research

Enclosure:  
Rulemaking Package

APR - 8 1991

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\*See previous concurrence

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15. Revise Appendix E, Section IV paragraph A 5 in order to reflect proper grammar.

The Office of General Counsel has reviewed this proposed rule and will provide comments under separate cover.

For your scheduling purposes, the Commission has directed the staff to provide this rulemaking package to them by June 1, 1991.

The Office of Nuclear Reactor Regulation obtained input from Regional Offices I-V and now concur with the rulemaking package. AEOD and NMSS concurs with the rulemaking package.

For further information contact Mike Jamgochian, RES 492-3918.

Eric S. Beckjord, Director  
Office of Nuclear Regulatory Research

Enclosure:  
Rulemaking Package

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