

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

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TO ALL LICENSEES OF OPERATING REACTOR PLANTS, HOLDERS OF CONSTRUCTION PERMITS, AND APPLICANTS FOR CONSTRUCTION PERMITS

Revision 1 of NUREG-0654/FEMA-REP-1, "Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants," dated November 1980, is enclosed for your use in developing and maintaining response plans at your facility. The NRC and FEMA staffs will use this document in evaluating the adequacy of emergency plans at and around nuclear power plants.

Earlier this year a copy of NUREG-0654, "Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants for Interim Use and Comment," and a cover letter were sent to you. Comments have been received and evaluated and the Nuclear Regulatory Commission and the Federal Emergency Management Agency have revised the document. The revision process included close coordination with State and local planning groups. Wide distribution is being made to industry and to State and local officials who are responsible for radiological emergency planning and preparedness.

Appendix 4 of the revised NUREG-0654 gives additional guidance on what should be included in evacuation time estimate studies and gives an example of how it might be presented. The Nuclear Regulatory Commission has completed an analysis of 50 evacuation time estimates for nuclear power plant sites. The analysis indicated numerous weaknesses in the time estimates.

For licensees and applicants who furnished evacuation time estimates, a copy of the summary rating sheet and the rating sheet resulting from the analysis of your facility are enclosed. Elements rated "poor" or "none" should be corrected by the implementation dates specified in the new paragraphs to 10 CFR 50, Section 50.54 (April 1, 1981, for operating reactors).

Darrell G. Eisenhut, Director
Division Licensing
Office of Nuclear Reactor Regulation

Enclosures:

1. NUREG-0654/FEMA-REP-1
2. Summary of Evacuation Time
Estimate Ratings
3. Facility Rating Sheet