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Docket No. 50-471

MEMORANDUM FOR: Frank J. Miraglia, Chief
Licensing Branch No. 3
Division of Licensing, NRR

FROM: Frank G. Pagano, Chief
Emergency Preparedness Licensing Branch
Division of Emergency Preparedness
Office of Inspection & Enforcement

SUBJECT: *Pilgrim II*
[REDACTED] EVACUATION TIME AND POPULATION ESTIMATES
FOR FIRST YEAR OF OPERATION

Evacuation time and population estimates for the expected first year of operation of the Pilgrim II Station are required as part of our continuing review.

Please transmit the enclosed request to the Pilgrim II applicant.

In addition, please arrange for a Siting Analysis Branch review of the population data provided by the applicant in PSAR Amendment 41 and in response to this request.

ls
Frank G. Pagano, Chief
Emergency Preparedness Licensing Branch
Division of Emergency Preparedness
Office of Inspection & Enforcement

Enclosure:
As Stated

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Docket File 50-471

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In addition to the 1980 evacuation time estimate provided in Amendment 41 to Chapter 13 of the PSAR, provide evacuation time estimates, which conform with the guidance in Appendix 4 of NUREG-0654, for the peak population projected to the first year of plant operation (e.g. 1990). The basis for the population projection including tabulations of seasonal residents, peak transients as well as permanent residents should be described and should incorporate 1980 census and other current data. The population distribution data described in Chapter 2 of the PSAR should be revised, as appropriate, to reflect this updating.

The evacuation time estimates for the first year of plant operation should be based on the road network projected to exist the first year of plant operation if supporting data is presented; otherwise, the current road network should be used.