

**BOSTON EDISON**

Pilgrim Nuclear Power Station  
 Rocky Hill Road  
 Plymouth, Massachusetts 02360

**Ralph G. Bird**  
 Senior Vice President — Nuclear

October 4, 1988  
 BECo 88-142

U. S. Nuclear Regulatory Commission  
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10CFR50.4(b)(5) SUBMITTAL OF REVISED EMERGENCY PLAN  
AND IMPLEMENTING PROCEDURES

Dear Sir:

Attached are the revised PNPS Emergency Plan, Evacuation Time Estimates (Appendix 5 to the Emergency Plan), and the PNPS Emergency Plan Implementing Procedures which become effective October 1, 1988. These revisions are submitted under the provisions of 10CFR50.54(q) and have been reviewed and determined to not decrease the effectiveness of the plan. The plan, as revised, will continue to meet the standards of 10CFR50.47(b) and the requirements of Appendix E of Part 50.

Several changes were made to the PNPS Emergency Plan to reflect the restructured emergency response organization and the upgraded emergency response facilities as described in the attached summary. The Evacuation Time Estimates and Traffic Management Plan was updated and revised to incorporate changes recommended by the Commonwealth of Massachusetts and local community agencies. Also, the PNPS Emergency Plan was reformatted similar to the NUREG-0654/FEMA REP-1 format.

The PNPS Emergency Plan Implementing Procedures were revised to reflect the changes made in the PNPS Emergency Plan.

*R. G. Bird*  
 R. G. Bird

Attachment: Summary of Major Changes to the Emergency Plan  
 Emergency Plan, 1 Volume  
 Evacuation Time Estimates, 1 Volume  
 Implementing Procedures, 1 Volume

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cc: Mr. D. McDonald, Project Manager  
Office of Nuclear Reactor Regulation  
U. S. Nuclear Regulatory Commission  
Mail Station P1-137  
Washington, D.C. 20555

U. S. Nuclear Regulatory Commission (2 copies)  
Region I  
475 Allendale Road  
King of Prussia, PA 19406

Senior NRC Resident Inspector  
Pilgrim Nuclear Power Station

SUMMARY OF MAJOR CHANGES TO THE EMERGENCY PLAN

| Affected Plan Section<br><u>REVISION 7</u> | Section<br><u>REVISION 8</u> | <u>CHANGE</u>   |
|--|------------------------------|---|
| 5.2.1<br>5.2.1.1<br>5.2.1.2                | A.1.d<br>B.2<br>B.4          | Consolidate the management responsibilities of Emergency Director and Emergency Coordinator into the Emergency Director. Remove the position of Emergency Coordinator. Create the Emergency Plant Manager and Emergency Offsite Manager positions to assist the Emergency Director and replace the Emergency Coordinator, respectively. The Emergency Plant Manager and the Emergency Offsite Manager will report to the Emergency Director.  |
| 5.2.1                                      | B.3                          | Change succession of overall command and control from Watch Engineer - Emergency Director - Emergency Coordinator, respectively. The Emergency Plant Manager and the Emergency Offsite Manager will report to the Emergency Director.   |
| Table 5.3                                  | Table B-1                    | Change the on-shift and augmented emergency staffing availability requirements, specifically: <ul style="list-style-type: none"> <li>a. Change on-call Emergency Director response time from 30 to 60 minutes,</li> <li>b. Add one (1) Equipment Operator to shift complement,</li> <li>c. Add one (1) I&amp;C Technician to shift complement,</li> <li>d. Add one (1) Mechanical Technician to shift complement, and</li> <li>e. Add one (1) Electrical Technician to shift complement.</li> </ul> |
|  | D.1                          | Add the requirement to notify local communities within 15 minutes of an emergency classification.   |
| 6.1.1                                      | D.1<br>J.7                   | Change the minimum recommendation to offsite authorities at the General Emergency level <u>from</u> sheltering a 5 mile radius <u>to</u> sheltering a 2 mile radius and 5 mile down wind.   |
| 7.2.4                                      | H.2, para. 5                 | Relocate the Alternate EOF (AEOF) from the MCDA/OEP Area II headquarters in Bridgewater to the Boston Edison Braintree engineering offices.   |
| 7.2.5                                      | J.2                          | Rename the I&S Building from the Emergency Assembly Area to the primary Assembly Area and designate the Chiltonville Training Center and the Kingston Warehouse as alternate Assembly Areas.  |
| Annex E                                    | Appendix 5                   | Update the Evacuate Time Estimates (ETE) and add a Traffic Management Plan.   |