



BOSTON EDISON

Pilgrim Nuclear Power Station
Rocky Hill Road
Plymouth, Massachusetts 02360

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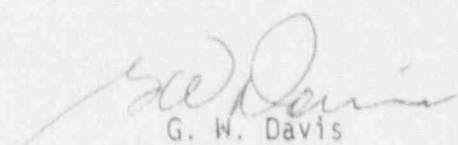
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10CFR50, APPENDIX E, SECTION V.: SUBMITTAL OF REVISED
EMERGENCY PLAN OR EMERGENCY PLAN IMPLEMENTING PROCEDURES

Attached is Revision 10 to the Pilgrim Nuclear Power Station (PNPS) Emergency Plan that we are submitting in accordance with the provisions of 10CFR50, Appendix E, Section V. These revisions were reviewed and determined to not decrease the effectiveness of the plan.

Please update your Emergency Plan Manual with this revised plan, which becomes effective February 1, 1991.


G. W. Davis

Attachments: List of PNPS Emergency Plan, Revision 10 Changes
PNPS Emergency Plan, Revision 10, 2/1/91

GGW/rec/5324

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PNPS EMERGENCY PLAN REVISION 10 CHANGES

<u>Page</u>	<u>Change</u>
vii	Reworded to better explain the intent and scope of the Emergency Plan and the implementing procedures.
vii	Added plant latitude and longitude.
A-2	Changed "Preforms technical..." to "performs offsite support..." for MCDA/OEP responsibility.
A-2	Changed to "...in a rapidly escalating incident." for public notification by state police.
A-3	Specified MDPW as District 10.
A-3	Included traffic control as National Guard responsibility.
A-3	Added provides staffing for EOCs as National Guard responsibility.
A-3	Added provides monitoring and decontamination personnel for reception center as National Guard responsibility.
A-3	Changed potable water to public drinking water supply.
A-4	Removed MDPW District 8. Typographical error.
A-5	Inserted "local" before State of Emergency in Selectmen responsibility.
A-5	Changed Public alert system to PANS.
A-5	Changed protective action recommendation to protective action directive.
A-5	Added directs town relocation activities as Selectmen responsibility.
A-6	Changed "Notifies..." to "Assists in notification..." of beach and pond population in police responsibility.
A-6	Added activates siren system to police responsibility.
A-6	Added receives and performs emergency notification to fire department responsibility.
A-6	Defined monitoring and decontamination to emergency workers in fire department responsibility.
A-7	Changed Special Needs Department to Council on Aging.
A-7	Added notification of special needs population to Council responsibility.
A-7	Added assists in notification of beach and pond population to DPW responsibility.
A-7	Removed Health Department responsibility for assisting in the distribution of KI.
A-8	Added Radiological Officer responsibility to assist in the distribution of KI.
A-8	Clarified exposure limit procedures are followed.
A-8	Added ensuring transport resources are available to Transportation Officer responsibility.
A-9	Changed Charlton to Morton Hospital and removed reference to Brigham and Women's for overexposures. The Commonwealth will determine which hospitals are utilized for overexposures.
A-9	Included whole body counting to list of Yankee capabilities.
A-10	Specified performing notification prior to EOF activation for Onsite responsibility.
A-10	Added security in Onsite responsibility.
A-10	Added emergency notification as Offsite responsibility.
A-11	Changed shift augmentation to ERO activation.
Fig. A-1	Revised some organizational responsibilities.
B-1	Added "...and prior training." as a method of selection to an ERO position.
B-2	Redefined Company Spokesperson requirements.

PNPS EMERGENCY PLAN REVISION 10 CHANGES

<u>Page</u>	<u>Change</u>
B-2	Redefined Media Center Supervisor requirements.
B-2	Clarified Emergency Director position prior to EOF activation.
B-3	Added access authorization to Emergency Director responsibility.
B-4	Added fitness for duty determination to Emergency Plant Manager responsibility.
B-6	Added fitness for duty determination to Emergency Offsite Manager responsibilities.
B-6	Added interface with Corporate Support Center to Emergency Offsite Manager responsibilities.
B-6	Added external communications to Emergency Offsite Manager responsibilities.
B-8	Removed reference to Brigham and Women's Hospital. The Commonwealth will determine which hospitals are utilized for overexposures.
Table B-1	Auxiliary Operator (Rad Waste) moved from plant operations function to repair and corrective actions to be consistent with 0654.
Table B-1	Redefined 2 RMT members as RP Technicians to be consistent with 0654.
Table B-1	Added protective actions RP Technician to on shift in-plant RP Technician listing and accounted for both technicians in rad protection slot. This was done to better reflect the format of 0654 and involved no actual personnel changes.
Table B-1	Changed STA to STA/SCRE.
Table B-1	Removed Shift Technical Advisor from chemistry/radiochemistry task. This was a typographical error.
Table B-1	Added 60 minute Rad Waste Operator to repair and corrective actions.
Fig. B-1b	Changed STA to STA/SCRE.
Fig. B-1c	Changed STA TO STA/SCRE.
Fig. B-1f	Reorganized several PI Emergency Organization positions and displayed on one chart.
C-1	Added liaison responsibility. Responsibility was inadvertently omitted during work processing of the last revision.
D-2	Changed "written summary" to "initial notification form".
D-3	Changed "written summary" to "initial incident report".
D-4	Changed "written summary" to "initial incident report".
D-4	Defined minimum protective action recommendation based on plant conditions for a General Emergency.
E-1	Added MDPH to MCDA notification.
E-1	Added Wellesley to the list of notified communities.
E-2	Reworded authenticity statement.
E-3	Changed 97 sirens to 100 sirens.
E-4	Added siren public address information.
E-4	Removed reference to instructions for public use of KI. Added KI statement explaining that the Commonwealth does not authorize the use of KI for the general public.
F-3	Removed NIAT from MCDA radio frequency use. NIAT has their own frequency.
F-3	Added NIAT radios.
F-3	Added BECONS as notification for siren activation.

PNPS EMERGENCY PLAN REVISION 10 CHANGES

<u>Page</u>	<u>Change</u>
F-4	Added information on cellular phones.
Fig. F-1	Changed Kingston and Bridgewater initial notification from the police station to the fire station.
Fig. F-2	Added cellular phones and updated communications.
Fig. F-3	Added cellular phones and updated communications.
Fig. F-4	Removed CANS printout in the control room.
Fig. F-6	Charged number of EPZ/Host communities from 7 to 8.
G-1	Removed reference to special needs information card mail out. Card mail out is not performed on an annual basis in conjunction with the public information brochure.
G-1	Removed reference to instructions for public use of KI. Added KI statement explaining that the Commonwealth does not authorize the use of KI for the general public.
H-4	Reworded onsite equipment.
H-5	Reworded offsite information.
J-3	Added immediate notification.
J-3	Removed sheltering and evacuation discussions. PNPS protective action recommendations are procedural based as the minimum required action. Modifications to protective action recommendations for considerations involving weather, routing, or other circumstances are made by the Commonwealth. Information concerning these extenuating circumstances is not usually readily available to the control room or the EOF.
J-3	Referenced ETEs to Appendix 5.
J-4	Added KI statement explaining that the Commonwealth does not authorize the use of KI for the general public.
Table J-1	Removed evacuation dose as a basis for the minimum PNPS protective action recommendation. Factors affecting the evacuation times are addressed by the Commonwealth.
Table J-2	Removed Table J-2. Information in Table J-2 is contained in Appendix 5. The ETE document is several hundred pages long and cannot be summarized on a single table.
Fig. J-4	Revised Taunton map.
Fig. J-5	Revised Bridgewater map.
Fig. J-6	Added Wellesley map.
K-2	Deleted requirement for issuing a Radiation Exposure Permit (REP) card and a self indicating dosimeter to all emergency response personnel in the protected area. This statement was held over from when these materials were picked up by each individual when entering the protected area. Self indication dosimetry is only required when crossing the Red Line.
L-1	Removed reference to Brigham and Women's Hospital. The Commonwealth will determine which hospitals are utilized for overexposures.
M-5	Redefined Company Spokesperson requirements.

PNPS EMERGENCY PLAN REVISIONS AND CHANGES

<u>Page</u>	<u>Change</u>
N-1	Changed 5 years to 6 years.
N-1	Combined two off-hour drill requirements to one off-hour drill requirement for every six year period.
N-3	Changed 5 years to 6 years.
N-3	Added combined functional drills.
P-2	Added Emergency Preparedness Department Manager responsibility for maintaining consistency with the Emergency Plan and Commonwealth and local plans and procedures.
P-2	Changed Corporate/Public Information Senior Emergency Planner title to Emergency Planner (Corporate/Emergency Public Information).
P-3	Added training corporate personnel to Corporate/EPI Planner responsibilities.
P-3	Deleted Onsite Emergency Preparedness Division Manager responsibility for maintaining the Emergency Plan consistent with Commonwealth and local plans and procedures.
P-3	Changed Senior Emergency Planner (Operations) title to Emergency Planner (Operations).
P-5	Added Wellesley to the list of supporting emergency response plans.
App-2	Added Emergency Plan Administrative Procedures to the cross reference list.
App-3	Updated examples of the letters of agreement.