

4/9/91

Date

J
Initials



POLICY ISSUE
(Notation Vote)

SECY-91-022

January 29, 1991

For: The Commissioners

From: James M. Taylor
Executive Director for Operations

Subject: TASK FORCE ON PILGRIM OFFSITE EMERGENCY PREPAREDNESS

Purpose: To obtain Commission approval for task force plan of action.

Background: As part of the effort to assess the current status of offsite emergency preparedness (EP) around the Pilgrim Station, the staff held a public meeting in Plymouth, Massachusetts on September 6, 1990. On September 12, 1990, the Executive Director for Operations (EDO) informed the Commission that he was establishing a special task force to review the assertions and documents presented to the staff at the public meeting on September 6 (Enclosure 1). On September 24, 1990, the charter for the task force was forwarded to the Commission (Enclosure 2).

On October 2, 1990, the EDO sent letters to Massachusetts Commonwealth and local officials announcing formation of the task force (Enclosure 3). The NRC issued a press release the next day (Enclosure 4). Task force managers made personal visits to Commonwealth and local officials October 9-15, 1990, to follow up on the EDO's letter of October 2.

On December 20, 1990, after considering recommendations for actions derived from the Pilgrim Emergency Preparedness Lessons-Learned Task Force Report, the Chairman informed the staff that any decision to undertake an NRC staff review of offsite emergency preparedness will require Commission approval not only of the policy decision to undertake such a review, but also of staff's proposed plan of action.

Accordingly, this paper presents more detailed information for the Commission's consideration concerning the plan of action and activities of the task force which is currently assessing the factual status of EP around the Pilgrim Station.

CONTACT: Robert A. Erickson, NRR
492-0924

NOTE: TO BE MADE PUBLICLY AVAILABLE
WHEN THE FINAL SRM IS MADE
AVAILABLE

110034

9102040219 XA

910415

PROB

Discussion: Task Force Organization and Management

The task force met at NRC headquarters on October 18-19, 1990, to (1) discuss an overall plan of action, (2) agree on tasks, and (3) form teams to accomplish the tasks. The task force is led by the Chief of the Office of Nuclear Reactor Regulation's (NRR's) EP Branch in the NRC headquarters and the Deputy Director, Division of Radiation Safety and Safeguards, in NRC's Region I. Members include EP staff from NRR and Regions II, IV, and V. The Federal Emergency Management Agency (FEMA) is participating fully in the task force, providing staff from FEMA headquarters, from FEMA Region I, and from contractors. In addition, staff of FEMA Region I are coordinating task force meetings and interactions with Massachusetts Commonwealth and local officials.

The task force organizing meeting on October 18 was attended by the Deputy EDO for Nuclear Reactor Regulation, Regional Operations and Research, the Director, NRR, and other NRR managers. The task force presented midterm briefings for the Regional Director, FEMA Region I, on November 26, 1990, and for the EDO and senior NRC managers on December 10, 1990. On January 31, 1991, the task force will meet again with the Director, FEMA, Region I.

Enclosure 5 lists the members of task force fact-finding teams and their assigned topics. Initially, these teams focused upon issues identified in the transcript of the September 6, 1990, public meeting. These teams are identifying additional issues as field work progresses. The task force is also looking for additional issues in the transcript of the October 22, 1990, Congressional hearing on Pilgrim, held in Plymouth, Massachusetts, and in correspondence received from local officials and residents.

Consideration of Pilgrim Lessons-Learned Report

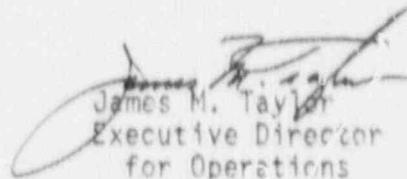
On November 7, 1990, the EDO specifically requested that the staff review the plans and activities of the Pilgrim Task Force in light of the Pilgrim Lessons-Learned Report and follow its recommendations as appropriate. The EDO emphasized the importance of developing procedures to be used by the task force in accomplishing its assignment (Enclosure 6).

On November 20, 1990, the task force responded with a review of each of the recommendations in the Pilgrim Lessons-Learned Report pertaining to the NRC's conduct of an offsite EP review (Enclosure 7). Attachment 2 of Enclosure 7 contains the Pilgrim Offsite EP Task Force Implementing Procedures. In addition, the staff provided copies of task force procedures to Massachusetts Commonwealth and local officials on December 11, 1990 (Enclosure 8).

Schedule

Initially the staff estimated that the task force would need about four months to complete its investigation and report to the Commission. On October 31, 1990, the task force began field work. However, preparations for the December 13, 1990, Seabrook biennial EP exercise and requirements for filings with Seabrook licensing and appeal boards temporarily diverted key NRC and FEMA personnel from the Pilgrim task force. Field work did not resume again until January 7, 1991. (See Task Force Status Reports 5 and 6, in Enclosure 9.) The task force should complete its field work by March 1991, and submit its report in April 1991.

Recommendation: That the Commission approve the plan of action for the Pilgrim EP task force as set forth in Enclosure 7.


James M. Taylor
Executive Director
for Operations

Enclosures:

1. Memo from Taylor to Commissioners, 9/12/90
2. Memo from Taylor to Commissioners, 9/24/90
3. Letter from Taylor to State and Local Officials, 10/02/90
4. NRC Public Affairs Announcement 90-134, 10/03/90
5. List of Task Force Teams and Topics
6. Memo from Taylor to Erickson, 11/07/90
7. Memo from Erickson and Cooper to Taylor, 11/20/90
8. Letter from Erickson and Cooper to State and Local Officials, 12/11/90
9. Task Force Status Reports

Commissioners' comments or consent should be provided directly to the Office of the Secretary by COB Tuesday, February 12, 1991.

Commission Staff Office comments, if any, should be submitted to the Commissioners NLT Tuesday, February 5, 1991, with an information copy to the Office of the Secretary. If the paper is of such a nature that it requires additional time for analytical review and comment, the Commissioners and the Secretariat should be apprised of when comments may be expected.

DISTRIBUTION:

Commissioners

OGC

OIG

REGIONAL OFFICES

EDO

SECY

PT-1



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

September 12, 1990

MEMORANDUM FOR: Chairman Carr
Commissioner Rogers
Commissioner Curtiss
Commissioner Remick

FROM: James M. Taylor
Executive Director for Operations

SUBJECT: PUBLIC MEETING ON PILGRIM OFFSITE EMERGENCY
PREPAREDNESS

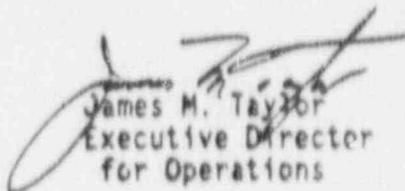
As part of the effort to report the current status of offsite emergency preparedness around Pilgrim, the staff held a public meeting in Plymouth, Massachusetts, on September 6, 1990. Enclosed is a copy of the meeting transcript and documents received during the meeting.

At the meeting, the predominant messages from the public were that the NRC staff did not do a credible job in evaluating the status of offsite planning; the State, and to a lesser extent the local officials, have not effectively addressed the EP issues; and, the Boston Edison Company (BECO) is no longer cooperating in resolving issues. Additionally, Massachusetts State Representative Forman specifically requested that the Commission be made aware of his comments, which can be found on pages 27 through 31 of the transcript. Copies of the transcript are also being provided to the Office of the Inspector General, Congressional Affairs (who, in turn, will make distribution to appropriate members of Congress), BECO, the Federal Emergency Management Agency (FEMA), the Commonwealth of Massachusetts, the local Emergency Planning Zone communities, the Public Document Rooms (main and local) and libraries in the local communities.

The Lessons Learned Review Group (refer to my August 3, 1990 memorandum to Chairman Carr) will provide a report detailing the results of its review and conclusions as of September 30. To the extent possible, the Lessons Learned Review Group will respond to the two matters contained in Chairman Carr's memorandum of August 17, 1990. However, because of the myriad of details which were presented to the staff at the public meeting, it is clear that the staff cannot provide an updated Pilgrim EP status report to the Commission by September 30. I am in the process of establishing a special task force to review the assertions and documents presented to the staff at the September 6 public meeting, review the soon-to-be-issued FEMA status report, conduct field verification of issues in dispute, issue a current EP status report and provide a recommendation as to

September 12, 1990

whether the staff should change its 50.54(s) reasonable assurance finding. I expect to be able to provide you with the Task Force Charter and schedule for completion of its activities next week.



James M. Taylor
Executive Director
for Operations

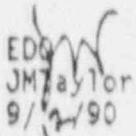
Enclosure:
Transcript and Supporting
Documentation from Public
Meeting in Plymouth, MA

cc: SECY
OGC

Distribution:
JMTaylor
JHSniezek
TEMurley
EDO rf
CA w/enclosure
PA w/enclosure
IG w/enclosure



JHSniezek
9/12/90



EDO
JMTaylor
9/12/90

SEP 24 1990

PT-2

MEMORANDUM FOR: Chairman Carr
 Commissioner Rogers
 Commissioner Curtiss
 Commissioner Remick

FROM: James M. Taylor
 Executive Director for Operations

SUBJECT: PUBLIC MEETING ON PILGRIM OFFSITE EMERGENCY PREPAREDNESS

On September 12, 1990, I reported to you by memorandum, regarding the public meeting held in Plymouth, Massachusetts, on September 6, 1990. I stated that I was establishing a special Task Force to determine and assess the factual status of offsite emergency preparedness for the Pilgrim Nuclear Power Station. This effort will be led by Robert Erickson, NRR, assisted by Richard Cooper, RI. It will include several members from NRR's Emergency Preparedness (EP) Branch and EP inspectors from outside Region I. Staff of the Federal Emergency Management Agency (FEMA) have also agreed to participate in this effort.

Enclosed is a Task Force Charter for its activities which should take approximately four months to complete. Upon completion of this effort, I will provide you a report on the status of offsite emergency preparedness for the Pilgrim Nuclear Power Station.

Original Signed By
 James M. Taylor

cc: SECY
 OGC

James M. Taylor
 Executive Director for Operations

Enclosure:
 As stated

Distribution:
 EPB File
 DKwiatkowski, FEMA
 Task Force File
 TMartin, RI
 WKane, RI
 MKnapp, RI
 SEbnetter, RII
 JPStohr, RII
 ABDavis, RIII
 CNorelius, RIII
 RMartin, RIV
 JMartin, RV
 RScarano, RV

*See previous concurrence

PEPB:NRR
 RErickson *
 / /90

RI
 RCooper *
 / /90

D:DREP
 FCongel *
 / /90

DRP:NRR
 SVarga *
 / /90

ADT:NRR
 WRussell *
 / /90

DD:NRR
 Fmiraglia *
 / /90

D:NRR
 TEMurley *
 / /90

DD:EDO
 JSniezek
 / /90

EDC
 JMTaylor
 9/24/90

Enclosure 2

CHARTER FOR TASK FORCE ON PILGRIM
OFFSITE EMERGENCY PREPAREDNESS

Background

As part of the effort to determine the current status of offsite emergency preparedness (EP) around Pilgrim, the staff held a public meeting in Plymouth, Massachusetts, on September 6, 1990.

At the meeting, the predominant messages from the public were that the NRC staff did not do a credible job in evaluating the status of offsite planning; the State (and to a lesser extent the local officials) have not effectively addressed the EP issues; and, the Boston Edison Company is no longer cooperating in resolving issues. Because of the myriad of details presented to the staff at the public meeting, the EDO established a special task force with FEMA participation to: (1) review the assertions and documents presented to the staff at the September 6 public meeting, (2) review the soon-to-be-issued FEMA status report, (3) conduct field verification of issues in dispute, (4) issue a current EP status report, and (5) provide a recommendation as to whether the NRC should reconsider its 50.54(s) reason assurance finding.

Tasks

1. Identify Pilgrim Offsite EP Issues in Dispute. Analyze the following documents: (1) transcript and documents obtained at the September 6, 1990, public meeting, (2) FEMA's August 31, 1990 exercise report on Pilgrim, (3) the licensee's analysis of these documents, (4) FEMA's forthcoming status report on EP planning for Pilgrim and, (5) other documents deemed pertinent.
2. Determine the Factual Status of Issues in Dispute. Establish the facts regarding each issue on the basis of authoritative documentation. Where necessary, independently verify and document facts and status through field visits (to include inspection of facilities, and meetings with State and local officials responsible for emergency planning), personal observation, direct measurement, photographs and other means, as appropriate.
3. Describe Current Status of Offsite EP for Pilgrim. Assemble factual information into a current description of the status of the issues in contention regarding offsite EP for the Pilgrim emergency planning zone.
4. Identify and Assess the Significance of Existing EP Problems. Review the current status of offsite EP to identify shortcomings, weaknesses, inadequacies or other problems in emergency planning and preparedness for the Pilgrim emergency planning zone. Assess their significance relative to the appropriate standards in the EP regulations and in NUREG-0654/FEMA-REP-1, Rev. 1, "Criteria For Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants," and other NRC and FEMA guidance documents. The review should also consider compensatory measures that local and State entities may have established to address weaknesses while working towards a permanent resolution.

5. Recommend Whether the NRC Should Reconsider its Reasonable Assurance Finding. Based upon review and assessment of any new information uncovered by the Task Force and the facts and status of offsite emergency planning and preparedness for the Pilgrim emergency planning zone, recommend whether the NRC should reconsider its finding that the state of emergency preparedness provides reasonable assurance that adequate protective measures can and will be taken in the event of a radiological emergency at the Pilgrim Nuclear Power Station.



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

OCT 02 1990

Mr. Bruce Aarons, Chairman
Board of Selectmen
Town Hall
11 Lincoln Street
Plymouth, Massachusetts 02360

Dear Mr. Aarons:

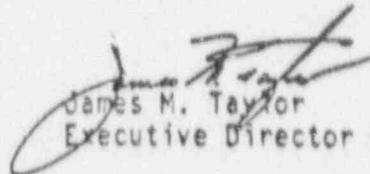
On September 6, 1990, the U. S. Nuclear Regulatory Commission (NRC) staff held a public meeting in Plymouth, Massachusetts, to obtain information about offsite emergency preparedness around the Pilgrim Nuclear Power Station.

In view of the many critical comments received at that meeting, I have established a special task force headed by NRC senior executives to examine and assess the facts in this matter. Robert A. Erickson, Chief of the Emergency Preparedness Branch of NRC's Office of Nuclear Reactor Regulation in Rockville, Maryland, is heading the task force. Richard W. Cooper, II, Deputy Director of the Division of Radiation Safety and Safeguards at NRC's Region 1 office in King of Prussia, Pennsylvania, is the Deputy Director of the task force. This task force will include other members from the NRC headquarters staff, from our regional offices around the nation, and from the Federal Emergency Management Agency. Members of the task force will be meeting with Commonwealth and local officials and will be reviewing the current status of emergency plans and facilities for the Pilgrim area.

The task force will complete its work in about four months. Its report will be made public. A copy of the task force charter is enclosed for your information. Mr. Erickson or Mr. Cooper will be contacting you personally to discuss the work of the task force. In the meantime, if you have any questions, you may contact Mr. Erickson at (301) 492-0924 or Mr. Cooper at (215) 346-5281.

Your continued interest in planning for offsite emergency preparedness around the Pilgrim Nuclear Power Station is greatly appreciated.

Sincerely,


James M. Taylor
Executive Director for Operations

Enclosure:
As stated

cc w/enclosure:
See next page

Enclosure 3

The Honorable William B. Golden
The Commonwealth of Massachusetts
Massachusetts State Senate
State House, Room 416-B
Boston, Massachusetts 02133

The Honorable Edward P. Kirby
The Commonwealth of Massachusetts
Massachusetts State Senate
State House, Room 413-H
Boston, Massachusetts 02133

The Honorable Theodore J. Alexio
The Commonwealth of Massachusetts
Massachusetts State Senate
State House, Room 473-F
Boston, Massachusetts 02133

The Honorable Peter V. Forman (Plymouth)
The Commonwealth of Massachusetts
House of Representatives
State House, Room 448
Boston, Massachusetts 02133

Note: Identical letters were sent to the towns of Carver, Duxbury, Kingston,
Marshfield, Plymouth and Taunton



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**
Office of Governmental and Public Affairs
Washington, D.C. 20555

No. 90-134
Tel. 301/492-0240

FOR IMMEDIATE RELEASE
(Wednesday, October 3, 1990)

**NRC ESTABLISHES SPECIAL TASK FORCE
TO REVIEW EMERGENCY PLANNING ISSUES AT PILGRIM PLANT**

A special task force headed by senior executives has been appointed by the Nuclear Regulatory Commission's Executive Director for Operations to review current emergency planning issues in the area of the Pilgrim Nuclear Power Plant in Massachusetts.

Establishment of the task force followed a report by NRC's Inspector General on July 26, 1990, which was critical of certain aspects of the NRC staff's determination of the status of emergency preparedness for the facility, and a public meeting held at Plymouth, MA, on September 6 to obtain information on the current status of offsite emergency planning around the Pilgrim facility. The plant is operated by Boston Edison Company.

James M. Taylor, NRC's Executive Director for Operations, said that in view of the many critical comments received at the meeting he has established the task force to review material presented at the meeting, review a forthcoming report by the Federal Emergency Management Agency, conduct a field verification of issues in dispute, issue a report on the current status of offsite emergency planning and provide a recommendation, based upon review and assessment of any new information uncovered, whether the NRC should reconsider its finding that there is reasonable assurance that adequate measures can and will be taken in the event of a radiological emergency at Pilgrim.

The task force will be headed by Robert A. Erickson, Chief of the Emergency Preparedness Branch of NRC Headquarters' Office of Nuclear Reactor Regulation in Rockville, MD. Richard W. Cooper II, Deputy Director of the Division of Radiation Safety and Safeguards at NRC's Region I office in King of Prussia, Pennsylvania, will be Deputy Director of the task force. Other members will be drawn from NRC regional offices around the nation, as well as from the Federal Emergency Management Agency.

Members of the task force will meet with State and local emergency planning officials in the Pilgrim area to identify and assess the significance of existing emergency planning problems. The task force expects to complete its work in about four months. Its report will be made public.

#

PILGRIM EMERGENCY PLANNING TASK FORCE

FIELD TEAMS¹

TOPICS

TEAM 1

Falk Kantor (NRC HQ)
Robert Trojanowski (NRC RII)
Laura Deskins (FEMA HQ)

Saquish-Gurnet
Generic Plans
Plymouth Plans (schools)²
Marshfield Plans (schools)
Evacuation Time Estimates
Public Notification System
Exercise

TEAM 2

Edward Podolak (NRC HQ)
Gail Good (NRC RV)
Margaret Lawless (FEMA HQ)

Duxbury Plans
Duxbury Schools
Generic Schools
Reception Centers
Wellesley
Bridgewater/Tauton
Bridgewater Plans
Shelter
EPZ Size

TEAM 3

Aby Mohseni (NRC HQ)
Blair Spitzberg (NRC RIV)
Steven Borth (FEMA RI)

Special Needs
Transportation/LOAs
Kingston Plans
Public Information
Potassium Iodide
Odds and Ends

NOTES:

1. Field Teams may also be accompanied by other NRC and FEMA staff and consultants, including J. Keller (Idaho National Engineering Laboratory) and J. Overstreet (Argonne National Laboratory).
2. Includes issues concerning the Town of Carver.



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

NOV 07 1990

MEMORANDUM FOR: Robert A. Erickson, Chief
Emergency Preparedness Branch, NRR

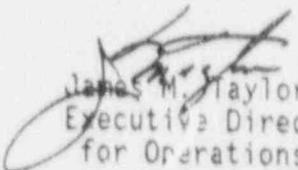
FROM: James M. Taylor
Executive Director for Operations

SUBJECT: TASK FORCE ON PILGRIM OFFSITE EMERGENCY
PREPAREDNESS

As a followup to our meeting on October 31, 1990 I would like to reemphasize the following three points:

1. Any resources you identify as necessary to accomplish the task properly, both hardware and personnel including secretarial and contractor support, should be promptly requested.
2. The Lessons Learned report should be reviewed by you and your team and the recommendations followed as appropriate. The staff should not be in the position of being criticized for not following our own lessons learned.
3. I want you to ensure that the task force's objectives are documented in a comprehensive action plan including the items listed in Section III.3 of the Lessons Learned Report. Especially important is the development of procedures to be used by the task force in accomplishing its assignment.

The thoroughness of this task force's efforts in determining and assessing the factual status of offsite emergency preparedness for the Pilgrim Nuclear Power Station cannot be overemphasized.


James M. Taylor
Executive Director
for Operations



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

November 20, 1990

MEMORANDUM FOR: James M. Taylor
Executive Director for Operations

FROM: Robert A. Erickson
Richard W. Cooper, II
Pilgrim Emergency Preparedness Task Force

SUBJECT: LESSONS LEARNED ADDRESSED IN PILGRIM EMERGENCY
PREPAREDNESS (EP) TASK FORCE ACTION PLAN

As requested in your memorandum of November 7, 1990, we have reviewed our task force plans and activities in light of recommendations contained in the Lessons-Learned Task Force report. In particular, Recommendation Number 3 in that report, which you endorsed in a memorandum to the Commission on October 4, 1990, specifies the following elements to be considered in planning for an NRC review of offsite EP:

1. Plan and procedures for conducting the review.
2. Management and organization for the review including a dedicated SES manager.
3. Identification of resources needed to execute the plan.
4. Consider the establishment of a temporary NRC office in the area of the affected plant.
5. Engagement of local officials to obtain their views.
6. Public meetings to obtain views of general public.
7. Final public meeting to inform the public of the results of the NRC's fact finding and to solicit any additional comments.
8. Development of a comprehensive, fully documented, report to the Commission regarding findings.

Memorandum to James M. Taylor - 2 -

The manner in which our current task force is addressing each of these elements is described in the enclosure.

13/
Robert A. Erickson

13/
Richard W. Cooper, II

Enclosure:
Review of Current
Task Force Activity

Distribution:

JSrizek, DEDO
WRussell, NRR
JPartlow, NRR
TMurley, NRR
FCongel, NRR
FMiraglia, NRR
SVarga, NRR
MCallahan, OCA
JMCutcher, IV, OGC
JFouchard, GPA
DKwiatkowski, FEMA HQ
MLawless, FEMA HQ
LDeskins, FEMA HQ
CWingo, FEMA HQ
MHepner, FEMA HQ
RStrome, FEMA RI
JCDolan, FEMA RI
SBorth, FEMA RI
TMMartin, RI
KAbraham, RI
SDEbner, RI
RTrojanowski, RI
ABDavis, RI
RDMartin, RI
BSpitzberg, RI
JBMartin, RI
GGood, RI
Woliu
RWessman
VNerses
REaton
EPB Staff

C: P
RAE Erickson
11/19/90

DD: 
RCooper, II
120/90

REVIEW OF CURRENT PILGRIM EP TASK FORCE ACTIVITY
IN LIGHT OF LESSONS LEARNED REPORT RECOMMENDATIONS

1. Plan and procedures for conducting the review

The concept and plan for conducting the Pilgrim task force review of offsite EP issues is described in a September 24, 1990, memorandum from the Executive Director for Operations (EDO) to the Commission. (See Attachment 1)

Draft procedures for conduct of task force operations were distributed and discussed with participants at meetings in NRC headquarters on October 18-19, 1990. These procedures are subject to revision based upon experience and feedback from field teams. (See Attachment 2 for current version.)

2. Management and organization for the review, including a dedicated SES manager

The EDO's September 24, 1990, memorandum to the Commission identified two NRC SES managers responsible for the task force activity. The task force also includes staff from NRC headquarters and regional offices, as well as representatives from FEMA headquarters and FEMA Region I (Boston). (See Attachment 3.)

3. Identification of resources needed to execute the plan

Personnel resource requirements were identified by the responsible task force managers who also obtained them through negotiations with FEMA and NRC regional offices. Contractual support is being identified and obtained as the need arises. For example, FEMA has arranged for technical assistance to the task force from Argonne National Laboratory and Idaho National Engineering Laboratory. The task force is also contracting for oceanographic technical assistance through the NRC to address the "high tide" issue at Squish/Gurnet. (See Statement of Work, Attachment 4.)

4. Consider the establishment of a temporary NRC office in the area of the affected plant

The Commonwealth of Massachusetts has provided office space for the Pilgrim Task Force in the headquarters of the Civil Defense Agency, Area 11, in Bridgewater, MA (Telephone: (508) 697-3111). This will serve as a working area for field teams, as well as a suitable location for full task force meetings, if desired. FEMA RI has also offered to provide working space for the task force, when needed, in the Boston area (Telephone: (617) 223-9567).

5. Engagement of local officials to obtain their views

On October 2, 1990, the EDO sent letters to State and local officials in the area of the Pilgrim nuclear power station, announcing the formation of the task force, and identifying NRC officials who would contact them personally to discuss the work of the task force. Task force managers

followed up with personal visits to these officials during the period 10/9/90-10/15/90 to explain the work of the task force and solicit their cooperation and support. In these visits, they were accompanied by representatives from FEMA and the Commonwealth of Massachusetts. Currently, task force teams are routinely engaging local officials to obtain their views as part of their fact-finding activities in the communities around the Pilgrim station.

6. Public meetings to obtain views of general public

In the case of the Pilgrim EP task force, the impetus for the activity began with a public meeting on September 6, 1990, in Plymouth, Massachusetts, where local officials and citizens expressed their views concerning emergency preparedness. The transcript of that meeting and accompanying documents provided to the NRC constitute the principal source of issues being addressed by the task force. Fact-finding teams will also be meeting with local officials and persons who expressed concerns in the September 6th meeting to allow them opportunity to clarify and present new or different information pertinent to the issues.

7. Final public meeting to inform the public of the results of the NRC's fact finding and to solicit any additional comments

The task force intends to hold another public meeting at the conclusion of the fact-finding phase of the Pilgrim EP task force work. At that time, local officials and the public will have an opportunity to hear and comment upon the factual findings of the task force. This will occur before the task force assesses the facts and draws a conclusion. Following the fact-finding phase of its work, the task force will review the facts to identify EP weaknesses or problems and assess their significance in light of pertinent regulations and guidance.

8. Development of a comprehensive, fully documented, report to the Commission regarding findings

At the conclusion of its work, the task force will provide its findings to the EDO in a report as described in the attached implementing guidelines. The EDO can be expected to inform the Commission, as appropriate.

SEP 24 1990

ATTACHMENT 1

MEMORANDUM FOR: Chairman Carr
 Commissioner Rogers
 Commissioner Curtiss
 Commissioner Remick

FROM: James M. Taylor
 Executive Director for Operations

SUBJECT: PUBLIC MEETING ON PILGRIM OFFSITE EMERGENCY PREPAREDNESS

On September 12, 1990, I reported to you by memorandum, regarding the public meeting held in Plymouth, Massachusetts, on September 6, 1990. I stated that I was establishing a special Task Force to determine and assess the factual status of offsite emergency preparedness for the Pilgrim Nuclear Power Station. This effort will be led by Robert Erickson, NRR, assisted by Richard Cooper, RI. It will include several members from NRR's Emergency Preparedness (EP) Branch and EP inspectors from outside Region I. Staff of the Federal Emergency Management Agency (FEMA) have also agreed to participate in this effort.

Enclosed is a Task Force Charter for its activities which should take approximately four months to complete. Upon completion of this effort, I will provide you a report on the status of offsite emergency preparedness for the Pilgrim Nuclear Power Station.

Original Signed By
 James M. Taylor

cc: SECY
 OGC

James M. Taylor
 Executive Director for Operations

Enclosure:
 As stated

Distribution:
 EPB File
 DKwiatkowski, FEMA
 Task Force File
 TMartin, RI
 WKane, RI
 MKnapp, RI
 SEbnetter, RII
 JPStohr, RII
 ABDavis, RIII
 Cnorelius, RIII
 RMartin, RIV
 JHartin, RV
 RScarano, RV

*See previous concurrence

PEPB:NRR
 RErickson *
 / /90

RI
 RCooper *
 / /90

D:DREP
 FCongel *
 / /90

DRP:NRR
 SVarga *
 / /90

ADT:NRR
 WRussell *
 / /90

DD:NRR
 FMiraglia *
 / /90

D:NRR
 EMurley *
 / /90

DD:EDO
 JSniezek
 / /90

EDC
 JMTaylor
 9/24/90

CHARTER FOR TASK FORCE ON PILGRIM
OFFSITE EMERGENCY PREPAREDNESS

Background

As part of the effort to determine the current status of offsite emergency preparedness (EP) around Pilgrim, the staff held a public meeting in Plymouth, Massachusetts, on September 6, 1990.

At the meeting, the predominant messages from the public were that the NRC staff did not do a credible job in evaluating the status of offsite planning; the State (and to a lesser extent the local officials) have not effectively addressed the EP issues; and, the Boston Edison Company is no longer cooperating in resolving issues. Because of the myriad of issues presented to the staff at the public meeting, the EDO established a special task force with FEMA participation to: (1) review the assertions and documents presented to the staff at the September 6 public meeting, (2) review the soon-to-be-issued FEMA status report, (3) conduct field verification of issues in dispute, (4) issue a current EP status report, and (5) provide a recommendation as to whether the NRC should reconsider its 50.54(s) reasonable assurance finding.

Tasks

1. Identify Pilgrim Offsite EP Issues in Dispute. Analyze the following documents: (1) transcript and documents obtained at the September 6, 1990, public meeting, (2) FEMA's August 31, 1990 exercise report on Pilgrim, (3) the licensee's analysis of these documents, (4) FEMA's forthcoming status report on EP planning for Pilgrim and, (5) other documents deemed pertinent.
2. Determine the Factual Status of Issues in Dispute. Establish the facts regarding each issue on the basis of authoritative documentation. Where necessary, independently verify and document facts and status through field visits (to include inspection of facilities, and meetings with State and local officials responsible for emergency planning), personal observation, direct measurement, photographs and other means, as appropriate.
3. Describe Current Status of Offsite EP for Pilgrim. Assemble factual information into a current description of the status of the issues in contention regarding offsite EP for the Pilgrim emergency planning zone.
4. Identify and Assess the Significance of Existing EP Problems. Review the current status of offsite EP to identify shortcomings, weaknesses, inadequacies or other problems in emergency planning and preparedness for the Pilgrim emergency planning zone. Assess their significance relative to the appropriate standards in the EP regulations and in NUREG-0654/FEMA-REP-1, Rev. 1, "Criteria For Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants," and other NRC and FEMA guidance documents. The review should also consider compensatory measures that local and State entities may have established to address weaknesses while working towards a permanent resolution.

5. Recommend Whether the NRC Should Reconsider its Reasonable Assurance Finding. Based upon review and assessment of any new information uncovered by the Task Force and the facts and status of offsite emergency planning and preparedness for the Pilgrim emergency planning zone, recommend whether the NRC should reconsider its finding that the state of emergency preparedness provides reasonable assurance that adequate protective measures can and will be taken in the event of a radiological emergency at the Pilgrim Nuclear Power Station.

PILGRIM OFFSITE EP TASK FORCE IMPLEMENTING PROCEDURES

I. Task Force Management Responsibilities

- (1) Direct the staff's preparation for the task force work including analysis of the following documents: (a) transcript and documents obtained at the September 6, 1990, public meeting, (b) FEMA's August 31, 1990, exercise report on Pilgrim, (c) the licensee's analysis of these documents, (d) FEMA's forthcoming status report on EP planning for Pilgrim and (e) other documents deemed pertinent. From these sources, compile a list of issues in dispute and assign them to fact-finding teams. (Note: the task force will initially attempt to address all EP issues raised by Pilgrim area officials and citizens without regard to their relevance from a regulatory perspective.)
- (2) Provide primary interface with public, responsible officials, press, and top level NRC/FEMA management.
- (3) Arrange logistic and administrative support for the task force.
- (4) Assure adherence to task force charter and schedule, and issue periodic progress reports.
- (5) Approve fact-finding team planned activities, schedules, and assure products adequately address the EP issues in dispute.
- (6) Independently review facts and conclusions reached by fact-finding teams.

II. Responsibilities of Fact-finding Teams

- (1) Develop and implement plans and schedules for each fact-finding issue. Coordinate through FEMA Region I the scheduling of fact-finding activities with appropriate Commonwealth and local officials. Coordinate in advance with BECo, any fact-finding visits to BECo offices.
- (2) Ensure the gathering of appropriate physical evidence and documentation of field activities (videotapes, photographs, documents correspondence, etc.)
- (3) Discuss issues that may overlap with other teams, as necessary.
- (4) Consider the need for expansion of fact-finding activities to include new issues as field activities progress.
- (5) Debrief task force management upon completion of each field visit.
- (6) Keep task force management informed of plans and schedules.

- (7) Following the fact-finding phase of task force work, review the current status of offsite EP to identify shortcomings, weaknesses, inadequacies or other problems in emergency planning and preparedness for the Pilgrim emergency planning zone. Assess their significance relative to the appropriate standards in the EP regulations and in NUREG-0654/FEMA-REP-1, Rev. 1, "Criteria For Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants," and other pertinent NRC and FEMA guidance documents. The review should also consider compensatory measures that local and State entities may have established to address weaknesses while working towards a permanent solution.

III. Matters to Consider in Planning Field Work

- (1) Consider questions that should be answered to ascertain pertinent facts regarding the issue in dispute.
- (2) Consider what facilities, hardware, documents, etc., should be observed, measured, or discussed and how the information should be recorded (photographed, copied, etc.)
- (3) Prepare for the gathering of physical evidence (advance contact to assure availability of appropriate documents, cameras, film, measuring equipment, etc.), and means of documenting field activities (e.g., laptop computers).
- (4) Consider whom the team should contact for information. This should include, principally, persons responsible for the EP issues.
- (5) Consider the need for contractor support.

IV. Coordination of Field Work

- (1) Through FEMA Region 1, local officials should be notified sufficiently in advance of a visit to keep them fully informed and to ensure that facilities, equipment or documentation pertinent to the inquiry will be available for team review.
- (2) The task force should try to engage each person whose concerns formed the basis for the issues in dispute, and allow them opportunity to clarify and present new or different information pertinent to the issues. Appropriate local officials should be kept informed and involved in planned meetings with their constituents.
- (3) When gathering facts about an issue, task force members should also meet with staff of Boston Edison Company and allow the licensee to provide any different or additional information pertinent to the issue.

V. Documentation of Field Activities

- (1) Field activities should be documented in trip reports signed by all team members. Each trip report should identify the issue(s) covered, the persons contacted, the places visited, and describe the team's factual findings and their documented bases. Where appropriate, uncertainties in factual data should be noted.
- (2) Documents and factual evidence compiled during field activities should be "checked"/docketed upon return from the field to be eventually made a part of the final task force records and report, as appropriate.
- (3) NRC RITS reporting - NRC members charge their time on task force activities (except for travel and direct inspection effort) to M77583. NRC Regional Inspectors may charge their direct inspection effort to M79017.
- (4) Where fact finding results in conflicting information, due care must be exercised to ascertain the facts and their documented basis. Conflicting information should be clearly documented to assure proper consideration of all available data bearing on issues in dispute.

VI. Proposed Format for Task Force Report

The task force will prepare a report to the EDO on the current status of the issues in dispute regarding offsite EP for the Pilgrim station. This report may take the following form:

- A. Historical leadin, with purpose of task force (charter)
- B. Definitions, abbreviations section
- C. Body (by issue)
 - (1) facts relating to the issue
 - (2) supporting documentary/physical evidence
- D. Appendices - provide "directory assistance"
 - (1) cross reference of issues to responsible entities (e.g., towns, Commonwealth, BECo)
 - (2) cross reference of issues to sources of concern (e.g., public citizens, responsible officials)

In its cover memorandum transmitting the factual report to the EDO, the task force will recommend whether the NRC should reconsider its finding that the state of emergency preparedness provides reasonable assurance that adequate protective measures can and will be taken in the event of a radiological

emergency at Pilgrim station. The task force will explain its rationale in an attachment assessing the facts of each issue relative to applicable regulations, guides and standards. In formulating its recommendation, the task force will duly consider interim measures implemented by local and State entities to compensate for EP weaknesses while working towards permanent solutions.

PILGRIM LP TASK FORCE
DISTRIBUTION SHEET

| <u>NRC HQ PARTICIPANTS</u> | <u>MAIL STOP</u> | <u>PHONE NUMBER</u> |
|--|--|---------------------|
| Robert Erickson | OWFN 9 H15 | 492-0910 |
| Falk Kantor | | 492-0907 |
| Edward Podolak | | 492-0921 |
| Aby Mohseni | | 492-0925 |
| | | |
| <u>NRC REGIONAL PARTICIPANTS</u> | | |
| Richard Cooper | RI | FTS 346-5281 |
| Robert Trojanowski | RII | 841-5597 |
| Blair Spitzberg | RIV | 728-8191 |
| Gail Good | RV | 463-3764 |
| | | |
| <u>FEMA HQ PARTICIPANTS</u> | (500 C Street, S.W., Washington, DC 20472) | |
| Margaret Lawless | SL-MT-TH-FO (8221) | 646-2867 |
| Laura Deskins | | 646-2868 |
| | | |
| <u>FEMA REGION I PARTICIPANTS</u> | (J. W. McCormack Post Office & Courthouse Bldg. Room 442, Boston, MA 02109) | |
| John C. Dolan | R1-MT (9015) | 223-9567 |
| Steven Borth | | 223-9562 |
| | | |
| <u>NRC LEGAL ADVISOR</u> | | |
| James M. Cutchin, IV | OWFN 16 H3 | 492-1809 |
| | | |
| <u>NRC HQ TECHNICAL SUPPORT</u> | | |
| C. K. Van Hiel | OWFN 9 H15 | 492-0908 |
| Lawrence Cohen | | 492-0923 |
| Rick Hasselberg | | 492-0926 |
| | | |
| <u>NRC HQ PILGRIM PROJECT MANAGEMENT</u> | | |
| Richard Wessman | OWFN 14 D1 | 492-1404 |
| Victor Nerses | | 492-1434 |
| Ronald Eaton | | 492-1497 |
| | | |
| <u>NRC ADMINISTRATIVE SUPPORT</u> | | |
| Elizabeth Hackley | OWFN 9 H15 | 492-0924 |
| Gail Parris | | 492-0924 |
| | | |
| <u>NRC PRODUCTION/EDITING ASSISTANCE</u> | | |
| Walter Ollu | P 370 | 492-4955 |

October 31, 1990

NOTE FOR: Pilgrim EP Task Force
 FROM: Bob Erickson, Chairman, *BE*
 SUBJECT: STATUS REPORT NO. 4

Field Work Starting

Task force teams started field work on October 31, 1990. Team composition and issues are listed below.

| <u>FIELD TEAMS</u> | <u>ISSUE NO</u> | <u>DATA CODE</u> | <u>TOPIC</u> |
|------------------------------|-----------------|------------------|----------------------------|
| <u>TEAM 1</u> | | | |
| Falk Kantor (NRC HQ) | 1 | SG | Saquissh-Gurnet |
| Robert Trojanowski (NRC RII) | 2 | Pg | Generic Plans |
| Laura Deskins (FEMA HQ) | 3 | Pp | Plymouth Plans (Sch. 1s) |
| | 4 | Pm | Marshfield Plans (Schools) |
| | 5 | ETE | Evacuation Time Estimates |
| | 6 | SI | Public Notification System |
| | 7 | EX | Exercise |
| <u>TEAM 2</u> | | | |
| Edward Podolak (NRC HQ) | 8 | Pd | Duxbury Plans |
| Gail Good (NRC RV) | 9 | SCd | Duxbury Schools |
| Margaret Lawless (FEMA HQ) | 10 | SCg | Generic Schools |
| | 11 | Rg | Reception Centers |
| | 12 | W | Wellesley |
| | 13 | BT | Bridgewater/Taunton |
| | 14 | Bp | Bridgewater Plans |
| | 15 | SH | Shelter |
| | 16 | EPZ | EPZ Size |
| <u>TEAM 3</u> | | | |
| Aby Mohseni (NRC HQ) | 17 | SN | Special Needs |
| Blair Spitzberg (NRC RIV) | 18 | TR | Transportation/LOAs |
| Steven Borth (FEMA RI) | 19 | Pk | Kingston Plans |
| | 20 | PI | Public Information |
| | 21 | KI | Potassium Iodide |
| | 22 | OE | Odds and Ends |

Preliminary team visit schedules arranged by FEMA-RI are attached.

Task Force Office in Local Area

We are exploring the possibility of obtaining office space for the task force in the headquarters of the Massachusetts Civil Defense Agency, Area II, Bridgewater, MA.

NOV 05 1990

MEMORANDUM FOR: Barbara D. Meehan, Contract Administrator
 Contract Administration Branch
 Division of Contracts and Property
 Management, ADM

FROM: Bernard L. Grenier, Project Manager
 Technical Assistance Management Section
 Office of Nuclear Reactor Regulation

SUBJECT: REQUEST FOR PROCESSING OF TASK ORDER NO. 93
 UNDER CONTRACT NRC-03-87-029 WITH SAIC (FIN -1311)

Enclosed for your action are a task order request form, an independent cost estimate and a Statement of work. A technical proposal is not required. Comments, clarifications, understandings or other amplification of the SOW may be made at the contractor's discretion.

If you need additional information, please call me at X21217. Thank you for your assistance.

15/
 Bernard L. Grenier, Project Manager
 Technical Assistance Management Section
 Office of Nuclear Reactor Regulation

Enclosures:
 As stated

DISTRIBUTION:
 Contract File
 TAMS r/f
 BGrenier
 SBajwa
 FKantor
 RErickson

| | | | | | | |
|------|--------------|--------------|-----------|-------------|--------------|---|
| OFC | : TAMS: PMSB | : TAMS: PMSB | : PEPB | : PEPB | : TAMS: PMSB | : |
| NAME | : BGrenier | : TChampion | : FKantor | : RErickson | : SBajwa | : |
| DATE | : 11/5/90 | : 11/5/90 | : 11/5/90 | : 11/5/90 | : 11/5/90 | : |

OFFICIAL RECORD COPY
 Document Name: MEMO/FIN D1311

STATEMENT OF WORK TASK ORDER NO. 93
UNDER CONTRACT NO. NRC-03-87-029 (D-1311)

TITLE: Assessment of Tidal Elevations for Pilgrim Emergency Planning.

LEAD ENGINEER: Falk Kantor, 301/492-0907

TAC NUMBER: M77583

NRR PRIORITY: 1

BACKGROUND

As part of the effort to determine the current status of offsite emergency preparedness (EP) around Pilgrim, the staff held a public meeting in Plymouth, Massachusetts, on September 6, 1990. At the meeting, the predominant messages from the public were that the NRC staff did not do a credible job in evaluating the status of offsite planning; the State (and to a lesser extent the local officials) have not effectively addressed the EP issues; and, the Boston Edison Company is no longer cooperating in resolving issues. Because of the myriad of details presented to the staff at the public meeting, the EDO established a special task force with FEMA participation to: (1) review the assertions and documents presented to the staff at the September 6, public meeting, (2) review the soon-to-be-issued FEMA status report, (3) conduct field verification of issues in dispute, (4) issue a current EP status report, and (5) provide a recommendation as to whether the NRC should reconsider its 50.54(s) reasonable assurance finding.

A specific issue raised at the public meeting concerned the frequency and duration of lunar tidal flooding of egress routes on Squish Neck, a narrow peninsular area located about four miles north of the Pilgrim plant. This issue was also identified by the NRC Inspector General as an issue which resulted in inaccurate information being provided to the Commissioners by the NRC staff during a Commission meeting on October 9, 1988, to consider the restart of the Pilgrim facility. The staff, as part of the Pilgrim special task force effort, has begun to conduct field verification of high tide levels on Squish Neck. However, oceanographic expertise is required to determine, based on an analysis of past tidal data, the effect of storm surges on tidal high water levels in order to develop estimates of the frequency and duration of tidal flooding of the egress routes on Squish Neck.

OBJECTIVE

The objective of this Task Order is to obtain technical expertise from SAIC to assist the staff in determining whether the frequency and average duration the combined storm and astronomical tidal high water levels on Squish Neck exceed certain specified water levels on a monthly and annual basis.

TECHNICAL EXPERTISE OR SPECIAL QUALIFICATIONS REQUIRED

SAIC is to furnish a specialist with expertise in Oceanography to perform the work outlined below.

-3-

LEVEL OF EFFORT

The level of effort is estimated at four professional staff weeks apportioned as follows between the Tasks for planning purposes:

| <u>TASK</u> | <u>LEVEL OF EFFORT (WEEKS)</u> |
|-------------|--------------------------------|
| 1 | 1.0 |
| 2 | 3.0 |
| TOTAL | <u>4.0</u> weeks |

PERIOD OF PERFORMANCE

The period of performance is projected to be eight weeks from initiation of work.

REPORTING REQUIREMENTS

1. At the completion of Task 1, provide the results of the work performed and a recommended set of tidal measurements for further analysis in a meeting with the NRC at NRC Headquarters. Provide a summary of the results in the Monthly Business Letter Report.
2. At the completion of Task 2, submit a technical report, draft (to the Lead Engineering with a copy (transmittal letter only) to the Project Officer) and final (to the Project Officer (one camera-ready) with a copy to the Lead Engineer), as appropriate, that contains a summary of the work performed, results achieved and conclusion as to the monthly frequency and average duration of water elevations on Saquish Neck on a monthly basis.

MEETING AND TRAVEL

Two one-person, one-day meetings at NRC Headquarters

NRC FURNISHED MATERIALS

None

APPLICABLE SPECIAL PROVISIONS

The work specified in this SOW is license fee reasonable.

It is the responsibility of the contractor to assign technical staff, employees, subcontractors, or specialists who have the required educational background, experience, or combination thereof to meet both the technical and regulatory objectives of the work specified in this SOW. The NRC will rely on representations made by the contractor concerning the qualifications of the personnel assigned to this Task Order including assurance that all information contained in the technical and cost proposals, including resumes, is accurate and truthful.

DEC 11 1990

Mr. Roger Provost, Chairman
Board of Selectmen
Town Hall
Bridgewater, Massachusetts 02324

Dear Mr. Provost:

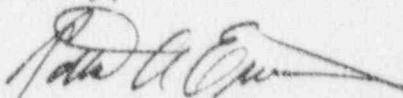
On October 2, 1990, James M. Taylor, NRC's Executive Director for Operations, wrote to you announcing the formation of a special task force to examine and assess the facts regarding offsite emergency preparedness around the Pilgrim Nuclear Power Station. The purpose of this letter is to provide you additional information concerning task force procedures and activities.

Enclosure 1 is a copy of the procedures which the task force is currently using to guide its activities. Among other things, these procedures highlight the importance of working with you through Commonwealth and local officials during the fact-finding phase of the task force activity. These procedures are subject to revision based on experience and feedback from our fact-finding field teams.

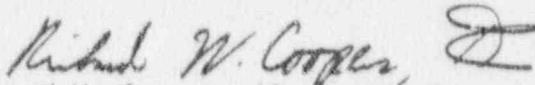
As you are aware, our fact-finding teams have already been working in the Pilgrim area for several weeks. Their membership and general assignments are outlined in Enclosure 2. We appreciate the cooperation and assistance they have been receiving from Commonwealth and local officials. We also appreciate the temporary office space provided by the Commonwealth to the task force in the Area II office of the Massachusetts Civil Defense Agency in Bridgewater. When our teams are working in the Pilgrim area, they can be contacted through that office (telephone: (508) 697-3111). In the Boston area, the task force can also be reached through the Federal Emergency Management Agency, Region I.

We would like to hear from you personally, if you have any questions or comments about task force activities. Please feel free to telephone either of us directly at any time.

Sincerely,



Robert A. Erickson, Director
Pilgrim Emergency Preparedness Task Force
(301) 492-0910



Richard W. Cooper, II, Deputy Director
Pilgrim Emergency Preparedness Task Force
(215) 346-5281

Enclosures:
As stated

Note: Identical letters were sent to the towns of Carver, Duxbury, Kingston, Marshfield, Plymouth and Taunton

D:PEP
RE: Erickson
12/10/90

DD:PEPTF
RCooper
12/10/90

Enclosure 8

October 5, 1990

NOTE FOR: Pilgrim Task Force Members
FROM: Bob Erickson, Task Force Chairman
SUBJECT: STATUS REPORT NUMBER 1

Welcome Allard. The enclosed documents should help explain who we are and what we've been asked to do.

CURRENT ACTIVITIES

Courtesy Visits to State & Local Officials

On October 4, 1990, Bob Erickson and Dick Cooper will meet with Jack Dolan and begin making courtesy calls on State and local officials to tell them about the task force.

Firsthand Look at Saquish/Gunnett

Falk Kantor and Rick Hasselberg will be visiting the Saquish/Gunnett Beach area during October's highest tide, which occurs the weekend of October 6, 1990.

Analysis of Comments from September 6 Public Meeting

Ed Podolak has identified the issues raised in the September 6th public meeting. He and Gail Parris are organizing them into a dBase III computer file. Their goal is to group them logically into fact-finding tasks for small teams.

FUTURE PLANS

Task Force Meeting, October 18-19

We have scheduled a meeting of task force participants on October 18th at 9:00 a.m., in Room 10 B11 at NRC Headquarters in Rockville, MD. Our purpose is to:

1. Discuss an overall plan of action
2. Agree on logical groups of issues (tasks)
3. Form fact-finding teams to accomplish the tasks

We expect a typical fact-finding team to include a representative from NRC Headquarters, together with one from an NRC Region, and one from FEMA.

On October 19th, fact-finding teams should meet to decide what information to collect and plan how they'll do it (field work).

Enclosures:

1. Memo, Taylor to Commissioners, 9/12/90
2. Memo, Taylor to Commissioners, 9/24/90
3. Memo, Taylor to Commissioners, 9/26/90
4. Letters, Taylor to State and local Officials, 10/2/90
5. NRC Public Announcement, 10/3/90



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20545
October 15, 1990

NOTE FOR: Pilgrim Task Force *RE 10/15/90*
FROM: Bob Erickson, Task Force Chairman
SUBJECT: STATUS REPORT, NUMBER 2

Sasquish-Gurnet Fact-finding

With the cooperation and assistance of the Sasquish-Gurnet resident's association, Falk Kantor and Rick Hasselberg spent the Columbus Day weekend measuring and photographing conditions in the Sasquish-Gurnet Beach area during the peak lunar high tide for the month of October. They recorded conditions on film and videotape.

Visits to State and Local Officials in the Pilgrim Area

During October 9th -12th, Bob Erickson, Dick Cooper and Steve North made visits to explain the work of the task force to local officials in the towns of Kingston, Taunton, Carver, Plymouth and Duxbury. They were accompanied in these visits by Al Slaney of MCDA Area II who also arranged a visit and tour of MCDA Area II headquarters in Bridgewater, hosted by Area II Director, Tom Rodger.

Jack Dolan arranged and participated in meetings with Massachusetts officials: Charles Barry (Secretary of Public Safety), Robert Boulay and John Lovering (MCDA), and Robert Hallisey (Public Health).

Meetings with officials in Bridgewater and Marshfield are scheduled for Monday night, October 15, 1990.

Task Force Kickoff Meeting October 18-19

REMINDER: Task Force participants will meet October 18-19 in room 10 B 11, at NRC Headquarters in Rockville, MD., to (1) discuss an overall plan of action, (2) agree on tasks, and (3) form teams to accomplish the tasks.

October 22, 1990

NOTE FOR: Pilgrim Task Force Members
FROM: Bob Erickson, Chairman *RE 10/22/90*
SUBJECT: STATUS REPORT NUMBER 3

Results of Task Force Meeting, October 18-19, 1990

During the October 18-19 meeting at NRC Headquarters, the task force organized fact-finding teams and identified their respective tasks as follows:

- Team No. 1 (Issues 1-8)
Falk Kantor (NRC HQ)
Robert Trojanowski (NRC RII)
Laura Deskins (FEMA HQ)
- Team No. 2 (Issues 9-17)
Edward Podolak (NRC HQ)
Gail Good (NRC RV)
Margaret Lawless (FEMA HQ)
- Team No. 3 (Issues 18-23)
Aby Mohseni (NRC HQ)
Blair Spitzberg (NRC RIV)
Steven Borth (FEMA RI)

Task Force Guidelines

The task force discussed draft guidelines for conducting its work. Dick Cooper is revising the draft to reflect understandings reached during those discussions.

Field Work

The teams will be coordinating their scheduled activity with Commonwealth and Town officials. Depending upon the availability of those officials, field work might begin as early as the week of October 29, 1990. Tentative plans call for Team No. 1 to begin work in Plymouth and Marshfield. Team No. 2 will be looking first into reception center issues and later into Duxbury plans and school issues. Team No. 3 will be initially focusing on "special needs" issues.

Documenting, Monitoring and Tracking Task Force Activity

Teams are expected to update their work plans and document their activities and findings as work progresses. Report formats will be included in the task force guidelines.

Workspace in the Plymouth Area

Jack Dolan agreed to look for workspace in the Plymouth area that could be used by task force members when needed.

October 31, 1990

NOTE FOR: Pilgrim EP Task Force
FROM: Bob Erickson, Chairman *BE*
SUBJECT: STATUS REPORT NO. 4

Field Work Starting

Task force teams started field work on October 31, 1990. Team composition and issues are listed below.

| <u>FIELD TEAMS</u> | <u>ISSUE NO</u> | <u>DATA CODE</u> | <u>TOPIC</u> |
|------------------------------|-----------------|------------------|----------------------------|
| <u>TEAM 1</u> | | | |
| Falk Kantor (NRC HQ) | 1 | SG | Saquis-Gurrit |
| Robert Trojanowski (NRC RII) | 2 | Pg | Generic Plans |
| Laura Deskins (FEMA HQ) | 3 | Pp | Plymouth Plans (Schools) |
| | 4 | Pm | Marshfield Plans (Schools) |
| | 5 | ETE | Evacuation Time Estimates |
| | 6 | SI | Public Notification System |
| | 7 | EX | Exercise |
| <u>TEAM 2</u> | | | |
| Edward Podolak (NRC HQ) | 8 | Pd | Duxbury Plans |
| Gail Good (NRC PV) | 9 | SCd | Duxbury Schools |
| Margaret Lawless (FEMA HQ) | 10 | SCg | Generic Schools |
| | 11 | Rg | Reception Centers |
| | 12 | W | Wellesley |
| | 13 | BT | Bridgewater/Taunton |
| | 14 | Bp | Bridgewater Plans |
| | 15 | SH | Shelter |
| | 16 | EPZ | EPZ Size |
| <u>TEAM 3</u> | | | |
| Aby Mohseni (NRC HQ) | 17 | SN | Special Needs |
| Blair Spitzberg (NRC RIV) | 18 | TR | Transportation/LOAs |
| Steven Borth (FEMA RI) | 19 | Pk | Kingston Plans |
| | 20 | PI | Public Information |
| | 21 | KI | Potassium Iodide |
| | 22 | OE | Odds and Ends |

Preliminary team visit schedules arranged by FEMA-RI are attached.

Task Force Office in Local Area

We are exploring the possibility of obtaining office space for the task force in the headquarters of the Massachusetts Civil Defense Agency, Area II, Bridgewater, MA.

TEAM #1 FALK KANTOR

VISIT TUE 6 NOV THROUGH 10 NOV. COMMENCE 1200 HRS TUE, 6 NOV 80

PLYMOUTH

PLYMOUTH EOC/CD DIRECTOR: TUE, 6 NOV, 1430 HRS AT THE EOC
PLYMOUTH SELECTWOMAN: TUE, 6 NOV, 1430 HRS AT THE EOC
PLYMOUTH DPW: WED, 7 NOV, 0900 HRS AT THE EOC
PLYMOUTH BOARD OF HEALTH: WED, 7 NOV, 0930 HRS AT THE EOC
PLYMOUTH POLICE CHIEF: WED, 7 NOV, 1030 HRS AT THE POLICE STATION
PLYMOUTH FIRE CHIEF: WED, 7 NOV, 1330 HRS AT THE FIRE STATION
PLYMOUTH SCHOOL OFFICIAL: NOT AVAILABLE DURING THIS TIME PERIOD.

MARSHFIELD

MARSHFIELD EOC/CD DIRECTOR: WED, 7 NOV, 1900 HRS AT THE EOC
MARSHFIELD SELECTMAN: WED, 7 NOV, 1200 HRS AT THE EOC
(DAN MC DONALD)
MARSHFIELD DPW: TBA
MARSHFIELD FIRE CHIEF: THU, 8 NOV, 1300 HRS AT THE CENTRAL FIRE STATION.
MARSHFIELD POLICE CHIEF: TUE, 6 NOV, 1900 HRS AT THE EOC
MARSHFIELD SCHOOL OFFICIAL: TUE, 6 NOV, 1330 HRS AT THE SCHOOL ADMINISTRATION BLDG
(DR. HURLEY)
MARSHFIELD HARBORMASTER: THU, 8 NOV, 1900 HRS AT THE EOC

TEAM #2 ED PODOLAK

VISIT THUR 6, 7, 8, 9 NOV 80

RECEPTION CENTERS

WELLESLEY RECEPTION CENTER: 0900 HRS, 7 NOV, WELLESLEY RC
NG RESPONSE: AG MARRG, 0900 HRS, 7 NOV, WELLESLEY RC

TAUNTON RECEPTION CENTER: 1000 HRS, THUR, 8 NOV, INCLUDES TOUR OF HIGH SCHOOL.

BRIDGEWATER RECEPTION CENTER: 1300 HRS, THUR, 8 NOV, INCLUDES TOUR OF COLLEGE

DUXBURY SCHOOL PLANS

DUXBURY FIRE CHIEF: AFTERNOON, 6 NOV, AT THE EOC
(CHIEF O'NEIL/CD DIRECTOR)

SUPERINTENDENT OF SCHOOLS: AFTERNOON, 6 NOV, AT THE EOC
(DR. KENNEDY)

TOWN MANAGER: AFTERNOON, 6 NOV, AT THE EOC.

TEAM #3 ABY MOHSENI

31 OCT, 1, 2, NOV

| | |
|---|--|
| KINGSTON EOC (SPECIAL NEEDS): | 1816 Hrs, 31 Oct, at the EOC. |
| MARSHFIELD EOC (SPECIAL NEEDS): | 1930 Hrs, 1 Nov, at the EOC. |
| DUXBURY EOC (SPECIAL NEEDS): | 1100 Hrs, 2 Nov, at the EOC. |
| CARVER EOC (SPECIAL NEEDS): | 1300 Hrs, 31 Oct, at the EOC. |
| PLYMOUTH EOC (SPECIAL NEEDS): | 1400 Hrs, 31 Oct, at the EOC. |
| MEET WITH MS. ANN WAITKUS ARNOLD: | TBA |
| ATTEND EPZ COMMUNITY MEETING: | 1300 Hrs, 1 Nov, at the Plymouth EOC |
| MEET WITH CHADWICK, MARTIN & BAILEY: | 1000 HRS, 1 NOV, AT THEIR OFFICE: 186 SOUTH STREET, 4th FLOOR, BOSTON, MA. MEETING WILL BE WITH ANN BAILEY. AL SAMANO WILL BE THERE. |
| MEET WITH MA STATE REPRESENTATIVE: (MR HAUSNER) | (T), 0900 HRS, 2 NOV, MCDA |

(T): TENTATIVE

November 27, 1990

NOTE FOR: Pilgrim EP Task Force
FROM: Bob Erickson, Chairman
SUBJECT: STATUS REPORT NO. 5

Fact-Finding Field Work Continuing

Our fact-finding teams are continuing their field work which began on October 31, 1990. Since then, the teams have been discussing emergency preparedness (EP) issues with Commonwealth and local officials, reviewing relevant portions of EP plans and procedures, and visiting emergency facilities throughout the Pilgrim emergency planning zone. (See attached summary of team activities.)

Task Force Activity Reviewed in Light of Pilgrim EP Lessons Learned

On November 20, 1990, we reported to the EDO on our review of task force plans and activities in light of recommendations contained in the Lessons-Learned Task Force Report. Copies of that memorandum report were distributed to the task force.

Impact of Seabrook Biennial EP Exercise and Licensing Hearings

FEMA members of the Pilgrim Task Force are also involved in preparations for the Seabrook biennial full-participation exercise (preparatory drill in November and exercise in December). The Seabrook exercise involves approximately 140 FEMA evaluators (about 60 from FEMA Region I) and is unique because FEMA must provide "control cells" to simulate Massachusetts play and additional evaluators to cover utility employees responding offsite.

Continuing Seabrook licensing and appeal board proceedings are also requiring attention from NRC and FEMA headquarters members of the Pilgrim Task Force.

Scope of Task Force May Increase as New Issues are Identified

The task force is identifying issues from sources other than the September 6, 1990 public meeting. For example, we must now review the transcript of the October 30, 1990, congressional hearing in Plymouth, as well as information being sent to the task force by Pilgrim area residents. We will be reviewing these inputs for new issues during the next few weeks.

Near Term Planned Activities

Fact-finding field teams will be temporarily inactive until after the Seabrook exercise (December 13, 1990). In the meantime, from November 26-28, 1990, F. Kantor and G. Parris, accompanied by J. Overstreet of Argonne National Laboratory (providing technical assistance to FEMA) are copying current emergency plan implementing procedures maintained in the Plymouth and Duxbury Emergency Operations Centers (EOCs). R. Trojanowski and J. Overstreet will also be obtaining copies of current procedures in the Marshfield, Carver and Kingston EOCs from December 5-7, 1990.

ATTACHMENT

PILGRIM TASK FORCE FACT-FINDING TEAMS SUMMARY
OF NOVEMBER 1990 FIELD ACTIVITIES

TEAM 1

Falk Kantor (NRC HQ)
Robert Trojanowski (NRC R11)
Laura Deskins (FEMA HQ)

The team met representatives of Saquish-Gurnet Association and made more measurements of lunar high tide. They also discussed tidal flooding with staff of Battelle Ocean Sciences in Duxbury, MA. Accompanied by an MCDA representative, the team met with officials in towns of Plymouth, Marshfield and Carver, with whom they discussed status of plans and procedures, equipment, staffing and other EP matters. The team also met and discussed these matters with the BECO emergency planning staff.

TEAM 2

Edward Podolak (NRC HQ)
Gail Good (NRC RV)
Margaret Lawless (FEMA HQ)

Team 2 met with Town officials in the Duxbury EOC. Representatives of MCDA and BECO also attended that meeting. Team 2 toured and discussed reception center issues with representatives of MCDA, MDPW and the National Guard at the Wellesley Reception Center. They also met with officials in Taunton and Bridgewater and toured reception centers in those towns.

TEAM 3

Aby Mohseni (NRC HQ)
Blair Spitzberg (NRC RIV)
Steven Borth (FEMA RI)

Team 3 continued "special needs" fact-finding with Massachusetts Civil Defense officials in Framingham and Bridgewater and with Commonwealth Office of Handicapped Affairs in Boston. They met and discussed special needs with the Plymouth Civil Defense Director. They attended a biweekly meeting of local and State Civil Defense Directors and discussed reception centers and special needs. They also met with the EP planning staff of BECO to discuss special needs surveys.

January 11, 1991

NOTE FOR: Pilgrim EP Task Force

FROM: Bob Erickson, Director

SUBJECT: STATUS REPORT NO. 6

TASK FORCE FIELD WORK RESUMED

A. Mohseni (NRC HQ), B. Spitzberg (NRC RIV) and S. Borth (FEMA RI), resumed field work on January 7, 1991. The team is meeting with officials from the towns of Plymouth, Duxbury, and Bridgewater, as well as the Commonwealth of Massachusetts, to discuss issues related to transportation resources and special needs persons.

The week of January 14th, F. Kantor (NRC HQ), R. Trojanowski (NRC RII) and J. Overstreet (FEMA contractor) plan to obtain copies of emergency plans and procedures from Bridgewater and Taunton, and to discuss emergency preparedness for schools and equipment for the fire department with officials in Carver. They will also seek a meeting with school officials in Marshfield.

The week of January 28th, E. Podolak (NRC HQ), Gail Good (NRC RV), M. Lawless (FEMA HQ), and J. Keller (FEMA consultant) plan to meet with Commonwealth of Massachusetts officials to discuss the status of reception centers.

Members of the Task Force are scheduled to meet with local citizens Jane Fleming and Mary Lampert on January 30, 1991, in the Duxbury Emergency Operations Center. The Duxbury Civil Defense Director will also attend. A verbatim transcript of the meeting will be prepared.

COMMISSIONERS TO REVIEW TASK FORCE ACTION PLAN

After considering recommendations for actions derived from the Pilgrim Emergency Preparedness Lessons-Learned Task Force, the Commission has decided to formally review the plan of action for our task force. We are drafting a Commission paper for this purpose. The Commission position is that any decision to undertake an NRC staff review of offsite emergency preparedness will require Commission approval not only of the policy decision to undertake such a review, but also of the staff's proposed plan of action.

TASK FORCE MEETING WITH REGIONAL DIRECTOR, FEMA REGION I

The Task Force is scheduled to meet with R. Strome, FEMA Regional Director, in Boston on January 31, 1991, to discuss our plans and activities.

NOTE OF INTEREST TO TASK FORCE MEMBERS

See enclosed annotated copy of note from J. Taylor (NRC) to G. Peterson (FEMA).



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

January 7, 1991

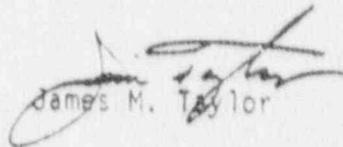
OFFICE OF THE
EXECUTIVE DIRECTOR
FOR OPERATIONS

NOTE TO: Grant Peterson
FEMA

Grant,

I thought you might be interested in some of our internal correspondence regarding the Pilgrim EP Task Force. All the feedback I receive regarding the Task Force indicates that the FEMA-NRC teamwork is exceptional.

Thanks a lot.


James M. Taylor

Enclosures

Documents sent included:

1. October 2, 1990, Letter to State and local officials announcing the Pilgrim Task Force activity (PT-5)
2. October 3, 1990, Public announcement about Pilgrim Task Force (PT 6)
3. Pilgrim EP Task Force Distribution Sheet and Status Report No. 5, dated November 27, 1990
4. December 11, 1990, Letter to State and local officials providing additional information about the Pilgrim Task Force (PT-41)

The package also included some documents related to the Pilgrim Lessons-learned Task Force formed in response to the IG Report No. 90N 02

PILGRIM EP TASK FORCE
DISTRIBUTION SHEET

| <u>NRC HQ PARTICIPANTS</u> | <u>MAIL STOP</u> | <u>PHONE NUMBER</u> |
|----------------------------|------------------|---------------------|
| Robert Erickson | OWFN 9 H15 | 492-0910 |
| Falk Kantor | | 492-0907 |
| Edward Podolak | | 492-0921 |
| Aby Mohseni | | 492-0925 |

| <u>NRC REGIONAL PARTICIPANTS</u> | | |
|----------------------------------|-----|--------------|
| Richard Cooper | RI | FTS 346-5281 |
| Robert Trojanowski | RII | 841-5597 |
| Blair Spitzberg | RIV | 728-8191 |
| Gail Good | RV | 463-3764 |

| <u>FEMA HQ PARTICIPANTS</u> | (500 C Street, S.W., Washington, DC 20472) | |
|-----------------------------|--|----------|
| Margaret Lawless | SL-NT-TH-FO (8221) | 646-2867 |
| Laura Deskins | | 646-2868 |

| <u>FEMA REGION I PARTICIPANTS</u> | (J. W. McCormack Post Office & Courthouse Bldg. Room 442, Boston, MA 02109) | |
|-----------------------------------|--|--|
|-----------------------------------|--|--|

| | | |
|---------------|--------------|----------|
| John C. Dolan | RI-NT (9015) | 223-9567 |
| Steven Borth | | 223-9562 |

| <u>NRC LEGAL ADVISOR</u> | | |
|--------------------------|------------|----------|
| James M. Cutchin, IV | OWFN 16 H3 | 492-1809 |

| <u>NRC HQ TECHNICAL SUPPORT</u> | | |
|---------------------------------|------------|----------|
| C. R. Van Niel | OWFN 9 H15 | 492-0908 |
| Lawrence Cohen | | 492-0923 |
| Rick Hasselberg | | 492-0926 |

| <u>NRC HQ PILGRIM PROJECT MANAGEMENT</u> | | |
|--|------------|----------|
| Edward Greenman | OWFN 14 D1 | 492-3084 |
| Richard Wessman | | 492-1404 |
| Ronald Eaton | | 492-1497 |

| <u>NRC ADMINISTRATIVE SUPPORT</u> | | |
|-----------------------------------|------------|----------|
| Elizabeth Hackley | OWFN 9 H15 | 492-0924 |
| Gail Parris | | 492-0924 |

| <u>NRC PRODUCTION/EDITING ASSISTANCE</u> | | |
|--|-------|----------|
| Walter Ottu | P 370 | 492-4955 |

INFORMATION COPIES TO:

| | | |
|-------------------------|----------------------|-----------------------------|
| James Taylor, EDO | William Russell, NRR | Dennis Kwiatkowski, FEMA HQ |
| James Sniezek, DEDR | James Partlow, NRR | Craig Wingo, FEMA HQ |
| Thomas Murley, NRR | Hugh Thompson, DEDS | James Blaha, AO/EDO |
| Jim Caldwell, OEDO | Frank Congel, NRR | Megs Hepler, FEMA HQ |
| Frank Miraglia, NRR | Steve Varga, NRR | Joseph J. Fouchard, GPA |
| Richard Strome, FEMA RI | Thomas T. Martin, RI | Stewart D. Ebnetter, RII |
| Douglas M. Collins, RII | A. Bert Davis, RIII | Robert D. Martin, RIV |
| Blaine Murray, RIV | John B. Martin, RV | Frank A. Wenslawski, RV |