



PSE&G Public Service
Electric and Gas
Company

80 Park Plaza, Newark, NJ 07101 / 201 430-8217 MAILING ADDRESS / P.O. Box 570, Newark, NJ 07101

Robert L. Mittl General Manager
Nuclear Assurance and Regulation

September 12, 1984

Director of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
7920 Norfolk Avenue
Bethesda, MD 20814

Attention: Mr. Albert Schwencer, Chief
Licensing Branch 2
Division of Licensing

Gentlemen:

HOPE CREEK GENERATING STATION
DOCKET NO. 50-354
EMERGENCY PLAN

Public Service Electric and Gas Company (PSE&G) hereby submits the resolution (Attachment 1) to the Emergency Preparedness concerns discussed on September 5, 1984, as indicated in the attachment. Also submitted are fifteen (15) sets of Revision 4 to the Hope Creek Generating Station Emergency Plan (Attachment 2). In accordance with 10 CFR 2.101(a)(4) and 10 CFR 50.30(c)(1), three (3) signed originals of the required affidavit are enclosed.

If you have any questions on the subject filing, do not hesitate to contact us.

Very truly yours,

Attachment 1 - Resolution of HCGS Emergency Plan Questions
Attachment 2 - Fifteen (15) sets of Revision 4 to the HCGS
Emergency Plan

C D. H. Wagner
USNRC Licensing Project Manager (w/Attach. 1)

W. H. Bateman
USNRC Senior Resident Inspector (w/Attach. 1)

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1/1

The Energy People

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UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION
DOCKET NO. 50-354

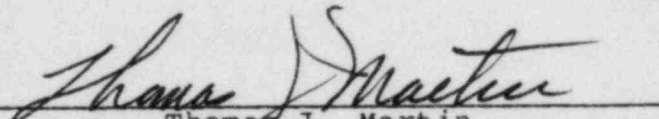
PUBLIC SERVICE ELECTRIC AND GAS COMPANY

EMERGENCY PREPAREDNESS COMMITMENTS
AND
HOPE CREEK EMERGENCY PLAN REVISIONS

Public Service Electric and Gas Company hereby submits as the resolution (Attachment 1) to Emergency Preparedness concerns discussed on September 5, 1984, as indicated in the attachment. Also submitted are fifteen (15) sets of Revision 4 to the Hope Creek Generating Station Emergency Plan (Attachment 2) necessary to resolve these items.

Respectfully submitted,
Public Service Electric and Gas Company

By

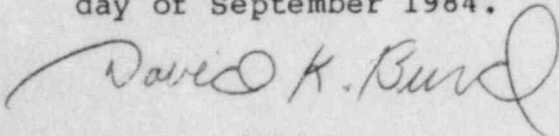


Thomas J. Martin

Vice President -

Engineering and Construction

Sworn to and subscribed
before me, a Notary Public
of New Jersey this 17th
day of September 1984.



DAVID K. BURD

NOTARY PUBLIC OF NEW JERSEY

My Comm. Expires 10-23-85

DC10/3

ATTACHMENT 1

**RESOLUTION OF HOPE CREEK GENERATING STATION
EMERGENCY PLAN QUESTIONS**

This submittal incorporates PSE&G's resolution to areas of concern expressed during the September 5, 1984, discussion between Messrs. D. Wagner and D. Perrotti, Nuclear Regulatory Commission and Messrs. P. Moeller, J. MacKinnon, B. Preston, C. Adams and S. LaBrunna, PSE&G.

As outlined in our September 5, 1984, discussion, the following commitments and/or changes are provided as listed below. Areas of concern are highlighted with answers immediately following.

- 1. The off-site plans must be updated with regard to the support and integrated emergency response related to HCGS.**

Letters have been sent (enclosure 1) to the Director of the Delaware Department of Public Safety, Division of Emergency Planning and Operations and the Director of the New Jersey State Police, Office of Emergency Management requesting that the state, county and local municipality emergency response plans be revised as necessary to indicate the support to be provided for the Hope Creek Generating Station Emergency Plan. Further, Public Service Electric and Gas will monitor, support and aid the states as necessary in the timely completion of these revisions.

- 2. Clarify all references to the "Emergency Coordinator."**

As submitted in Emergency Plan (EP) revisions in Attachment 2, the definition of emergency coordinator in Section 1, Pages 1.3 and 1.4 of the EP, was revised and references to the emergency coordinator in Section 3, Pages 3.3, 3.8, 3.10, and 3.12 and Section 4, Pages 4.2 and 4.3 were clarified as discussed.

- 3. Clarify the interrelationships between PSE&G, Salem County and the Township of Lower Alloways Creek.**

The memorandum of understanding for Lower Alloways Creek (LAC) was removed from the Emergency Plan attachments. This was done with the understanding that LAC will function as outlined in the New Jersey emergency plans.

- 4. Additional information is required on the variance of the 30- and 60-minute augmentation times based on notification and travel times.**

Section 3, Page 3.34 of the EP was revised to indicate the staffing goals outlined in Supplement 1 of NUREG-0737.

5. Provide a description of the steps to be taken to ensure that key functions are performed in the interim time period while augmentation personnel are being notified or in transit.

On-site staffing will provide sufficient numbers of trained personnel to perform essential functions during augmentation times.

6. Identify the principal PSE&G spokesperson and alternates.

Section 3, Pages 3.9 and 3.29 of the EP, was revised to appropriately identify the individual and alternates assigned the responsibility of principal media spokesperson.

7. Update Figure 4-1 and Attachment 4-1 with respect to HCGS.

Section 4, Figure 4-1 and Attachment 4-1 of the EP have been revised.

8. Additional information is needed regarding the NRC Region I capabilities, including resources and expected arrival time.

Federal response information is supplied in Section 1, Page 1.8 of the EP.

9. Update and revise, as discussed previously, Figures 6-4, 6-5 and 6-6.

Revisions to Section 6, Figures 6-4, 6-5 and 6-6 of the EP are provided in Attachment 2.

10. Describe the procedures for alerting, notifying and mobilizing PSE&G personnel on site, and notifying site emergency response personnel at home during off-normal hours.

Revisions to Section 6, Page 6.1 of the EP have included an overview of this information.

11. Provide additional information regarding the aspect of coordinating planning efforts with off-site authorities to ensure that the administrative and physical capability will exist to make prompt protective action decisions for rapidly developing emergency situations especially during off-normal hours.

Section 17, Page 17.1 of the EP, has been revised to include the responsibility and commitment to maintain a continued coordination effort between PSE&G and its support organizations as necessary to maintain the ability to perform decision-making in rapidly developing situations.

12. Provide for a communication test with all states within the ingestion EPZ on a quarterly basis.

Section 15, Page 15.3 and Table 15-1 of the EP, has been revised to include this testing.

13. Provide a copy of all informational material to be disseminated to permanent residents and transients for staff review.

A copy of the information disseminated to permanent residents and transients in the Salem Generating Station Plume Exposure Emergency Planning Zone (same as Hope Creek) is provided as enclosure 2. This information is only a sample. Appropriate information, to include Boiling Water Reactor information, will be adapted to these brochures and provided to the local population as outlined in Section 8 of the EP.

14. The Plan should be updated with regard to the support and resources to be provided by the Salem Generating Station, including seismic and hydrologic data.

Section 9 of the EP will be revised to include this information in October of 1984.

15. Describe the provision for transportation of and alternate evacuation routes for on-site personnel.

Section 11, Page 11.2 of the EP, has been revised to include an overview of this information with reference to the specific emergency plan procedures providing guidance for these actions.

16. **Incorporate Table 12-2 into the Plan.**

Table 12-2 was incorporated into Section 12 of the EP.

17. **Medical Support**

A. **Provide letters of agreement with local ambulance squads.**

This information is included in the emergency planning statues for the State of New Jersey and our letters of agreement with the Salem County Office of Emergency Management.

B. **Provide for inventory and inspection of equipment stored at SMH.**

Section 13, Page 13.2 of the EP was revised to include this provision.

C. **Include a map showing directions to the hospital in the Plan and implementing procedure(s).**

Section 13, Page 13.2 of the EP was revised to reference this information in Figure 4-1. Procedure I-5, Personnel Emergency, will be developed to include an appropriate map.

D. **Submit the Salem Memorial Hospital Radiation Emergency Plan for review.**

A copy of the Salem Memorial Hospital Radiation Emergency Plan is provided as enclosure 3.

18. **Define the mechanism for informing members of the response organizations (including those of PSE&G) that a recovery operation is to be initiated or of any organizational changes that may occur.**

Section 14, Page 14.2 of the EP, has been revised to describe the mechanism for informing company members and key personnel of support organizations of operational plans to initiate recovery actions.

19. **Identify in the Plan and submit for staff review, the Recovery Management Plan or equivalent plan and/or procedure that will ensure the necessary coordination and interface with and between site, corporate, local, and state plans and procedures.**

PSE&G's unique organizational structure allows the Nuclear Department to exist as an individual portion of the Company. This ability to maintain engineering, design, procurement and all associated support functions at the facility site would preclude the necessity to maintain special corporate plans for continuing this type of support.

20. Provide a description of the station emergency vehicle, equipment provided for and its use, including the conditions under which this vehicle would be used for transporting injured/contaminated persons to the hospital. Equipment located on the vehicle should be included in the quarterly inventory and operability test as is scheduled for other emergency kits.

Reference to use of the emergency vehicle for ambulance support was improperly included in the EP. Section 15, Page 15.3 of the EP, has been revised, removing this reference. Injured/contaminated individuals will only be transported in a station ambulance or local support ambulance. All equipment maintained for emergency support will be inventoried at least quarterly as discussed in Section 9 of the EP.

21. Describe the training to be provided for personnel in the protected area who are not badged for unescorted access to the protected area (e.g., visitors, vendors and contractors).

A copy of the emergency information provided to personnel in the protected area who are not badged for unescorted access is provided as enclosure 4.

22. Incorporate Table III-1 into the Plan.

References to Table III-1 have been revised as indicated in Paragraph 23, below.

23. Provide readable copies of Figures 3-2 and 3-3 in the Plan.

Figures 3-1, 3-2 and 3-3 have been edited and revised to improve readability and correct references.

24. Provide for training and retraining of Civil Defense/Emergency personnel, headquarters support personnel and local law enforcement personnel.

Section 16, Page 16.4 of the EP, has been revised to discuss the training of off-site state and local emergency response personnel.

25. Describe the components of the Emergency Plan Manual as referred to in Section 17.0 of the Plan.

Section 17, Pages 17.1, 17.2 and 17.3 of the EP has been revised to remove and/or clarify the use of the term "manual."

26. Provide emergency classification method which includes emergency action levels (EAL) for all applicable initiating conditions included in NUREG-0654, Rev. 1, Appendix 1.

Section 5 of the EP commits to the completion of the Event Classification Guide in December 1984. The Event Classification Guide will provide Emergency Action Levels (EAL) for all initiating conditions, as applicable, included in NUREG-0654, Rev. 1, Appendix 1. Two sample Draft EAL's are provided as enclosure 5.

ENCLOSURE 1



Public Service Electric and Gas Company P.O. Box 236 Hancocks Bridge, New Jersey 08038

Nuclear Department

September 10, 1984
EP-84-066

Major Harold E. Spedding
Office of Emergency Management
P.O. Box 7068
West Trenton, NJ 08625

Dear Harold:

PSE&G is currently well into the emergency preparedness planning process for the Hope Creek Generating Station which is expected to begin commercial operation in January 1986. We have submitted an initial station plan to the Nuclear Regulatory Commission for review and evaluation.

To support the Hope Creek licensing schedule, a revision to the New Jersey state plan, to incorporate Hope Creek, will be needed. We request a review and revision of your state, county and municipal plans to ensure a consistent basis of operations. My staff has made a detailed review of the state plan and discussions of the modifications have been held with your staff. Support for plan revisions will be provided by my staff.

If you have any questions concerning this matter, please feel free to contact me. As always, your cooperation is appreciated.

Sincerely,

A handwritten signature in dark ink, appearing to read "P. A. Moeller".

P. A. Moeller
Manager -
Nuclear Site Protection



Public Service Electric and Gas Company P.O. Box 236 Hancocks Bridge, New Jersey 08038

Nuclear Department

September 10, 1984
EP-84-067

Mr. Clarke V. Jester, Director
Division of Emergency Planning & Operations
P.O. Box C
Delaware City, DE 19706

Dear Clarke:

PSE&G is currently well into the emergency preparedness planning process for the Hope Creek Generating Station which is expected to begin commercial operation in January 1986. We have submitted an initial station plan to the Nuclear Regulatory Commission for review and evaluation.

To support the Hope Creek licensing schedule, a revision to the Delaware state plan, to incorporate Hope Creek, will be needed. We request a review and revision of your state and county plans to ensure a consistent basis of operations. Discussions of the modifications have been held with your staff. Support for plan revisions will be provided by my staff.

If you have any questions concerning this matter, please feel free to contact me. As always, your cooperation is appreciated.

Sincerely,

A handwritten signature in black ink, appearing to read "P. A. Moeller", is written over a light-colored background.

P. A. Moeller
Manager -
Nuclear Site Protection

ENCLOSURE 2

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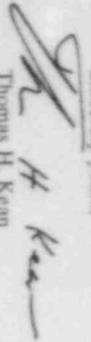
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Department of Law and Public Safety
Division of State Police
Emergency Management
Box 7068
West Trenton, NJ 08625



Sincerely yours,

Thomas H. Keen
Governor
New Jersey

Information which area residents and tourists should use in the event of a radiological emergency is provided on the reverse side of the map. After reading this information, please keep this map in your home for future reference.

The RERP was developed because radioactive materials are used in the production of electricity at Salem Generating Station. The RERP and the Public Service Electric and Gas Company's Emergency Plan for Salem are tested annually to insure that your health and safety are protected.



**TO THE NEIGHBORS
OF SALEM
GENERATING STATION**



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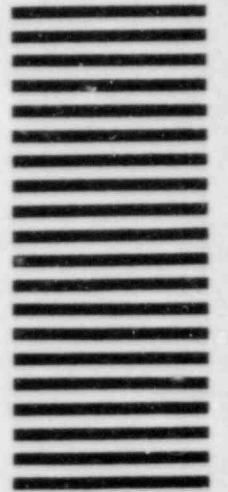
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Farmer's Information
P. O. Box 570
Newark, NJ 07101

Attn: Emergency Preparedness
Nuclear Department
MC-150





If you would like additional information, have questions or have identified an area of public concern that has not been addressed, please fill out and mail in the attached card. We will provide to you the information you request. Your request will also help us update this brochure.

Additional Information Request

NAME _____

ADDRESS _____

TELEPHONE NUMBER _____

Area of interest:

If you have specific needs, fill out and mail this card.

Farmer's Information Request

I farm in the region around the Salem Station. Please forward the special booklet outlining protective actions that I might have to take if a major emergency develops at the plant.

NAME _____

ADDRESS _____

TELEPHONE NUMBER _____

YES NO

I am hard of hearing

I am visually impaired

I am otherwise disabled _____

I would need transportation

I would like to receive an advisor radio

Other special needs (explain) _____

NAME _____

ADDRESS _____

TELEPHONE NUMBER _____

**TO THE NEIGHBORS
OF SALEM
GENERATING STATION**



This information is being provided to you so that you will better understand the operation of Salem Generating Station, the Delaware Radiological Emergency Plan, and what you should do in the event of a radiological emergency at Salem Generating Station. It is a part of a coordinated educational program by the State of Delaware and Public Service Electric and Gas Company.

These plans were developed because radioactive materials are used in the production of electricity at Salem Generating Station. The Delaware Radiological Emergency Plan and the Public Service Electric and Gas Company's Emergency Plan for Salem are tested annually to insure that your health and safety are protected.

Information which area residents and tourists should use in the event of a radiological emergency is provided on the reverse side of the map. After reading this information, please keep this map in your car or home for future reference.

Sincerely yours,

Pierre S. duPont
Governor
Delaware

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Director
Division of Emergency Planning
& Operations
P. O. Box C
Delaware City, DE 19706

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Newark, NJ 07101

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Nuclear Department
MC-150

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Director
Division of Emergency Planning
& Operations
P. O. Box C
Delaware City, DE 19706



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NAME _____

ADDRESS _____

TELEPHONE NUMBER _____

	YES	NO
I am hard of hearing	<input type="checkbox"/>	<input type="checkbox"/>
I am visually impaired	<input type="checkbox"/>	<input type="checkbox"/>
I am otherwise disabled _____		
I would need transportation	<input type="checkbox"/>	<input type="checkbox"/>
I would like to receive an advisor radio	<input type="checkbox"/>	<input type="checkbox"/>
Other special needs (explain) _____		

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