



**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

May 30, 1985

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

Attention: Mr. Walter Butler, Chief  
Licensing Branch 2  
Division of Licensing

Gentlemen:

HOPE CREEK GENERATING STATION  
DOCKET NO. 50-354  
SUMMARY OF NRC MANAGEMENT MEETINGS ON EMERGENCY  
PREPAREDNESS AND RESPONSES TO NRC CONCERNS ON THE  
HCGS EMERGENCY PLAN

Enclosed for NRC staff review is a summary of meetings held on May 16 and 17, 1985, at the Hope Creek Generating Station between NRC and Public Service Electric and Gas Company personnel. The purpose of the meetings was to discuss the current status of emergency preparedness at HCGS, and to identify NRC concerns with the HCGS Emergency Plan. Meeting attendees and results are as shown on the attached.

The attached summary also documents PSE&G's commitments to revise the HCGS Emergency Plan as discussed in a follow-up telephone call with Mr. Don Perrotti on May 23, 1985, in response to the aforementioned NRC concerns. The changes identified are to be formally incorporated into the next revision of the HCGS Emergency Plan (or related documents, as appropriate) which is scheduled to be revised June 15, 1985.

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Director of Nuclear  
Reactor Regulation

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Should you have any questions or concerns regarding this matter, do not hesitate to contact us.

Very truly yours,



Attachment - Summary of NRC Management Meetings on HCGS  
Emergency Preparedness and Responses to NRC  
Concerns on the HCGS Emergency Plan

C D. H. Wagner  
USNRC Licensing Project Manager

A. R. Blough  
USNRC Senior Resident Inspector

SUMMARY OF NRC MANAGEMENT MEETINGS ON HCGS  
EMERGENCY PREPAREDNESS AND RESPONSES TO  
NRC CONCERNS ON THE HCGS EMERGENCY PLAN

1. ATTENDEES

May 16, 1985

J. Hawxhurst, NRC R1  
D. Vito, NRC R1  
P. Moeller, PSE&G  
D. McCloskey, PSE&G  
J. Clancy, PSE&G  
W. Ryder, PSE&G  
R. Harrington, PSE&G  
C. Adams, PSE&G  
G. Rubenstein, PSE&G  
S. Schoenwiesner, PSE&G

May 17, 1985

D. Perrotti, NRC HO I&E  
J. Hawxhurst, NRC R1  
D. Vito, NRC R1  
P. Moeller, PSE&G  
D. McCloskey, PSE&G  
W. Ryder, PSE&G  
R. Harrington, PSE&G  
C. Adams, PSE&G  
T. Vannoy, PSE&G  
J. Clancy, PSE&G  
S. Schoenwiesner, PSE&G

2. DISCUSSION

On May 16, PSE&G personnel were interviewed with regard to their particular area of expertise as it related to PSE&G's Hope Creek Emergency Plan, Procedures, Training, and Facilities. The May 16 interviews and reviews were conducted by NRC Region I personnel. These interviews were divided into three particular areas. The first area was Emergency Plan Implementing Procedures. The second area was the Training, Drill, and Exercise Program. The third area was Hope Creek Emergency Response Facilities and the Support Facilities that would be used in Emergency Preparedness.

The current status of each of these areas was identified relative to the applicable schedules stated in the Hope Creek Safety Evaluation Report (SER). With the

exception of physical completion of portions of the emergency response facilities six months prior to fuel load, it was determined that the SER schedules for these areas are being achieved. Regarding completion of the emergency response facilities, NRC is to be informed on a bi-weekly basis of PSE&G progress in this area as discussed in Item 3.A.1 below.

On May 17, the primary interviews and discussions were conducted by NRC Headquarters personnel. The Hope Creek Emergency Plan and commitments provided in the plan were the primary topic of discussion. There are a number of areas that were discussed specifically in the Emergency Plan as outlined in Item 3.B below. The May 17th interview/review concluded with a walk-through of the Hope Creek Facilities. This walk-through included a tour of the Nuclear Training Center Emergency Operations Facility.

### 3. COMMITMENTS

#### A. Region I Commitments

1. Nuclear Site Protection Personnel committed to providing Region I Emergency Preparedness Staff with a bi-weekly status report. This status report will be provided telephonically to the Region I Emergency Preparedness Staff. A written Emergency Preparedness Status will be provided during the first week of July to assure Region I that our state of readiness (Hope Creek Emergency Plan, Emergency Plan Training, the Emergency Response Facilities) is such that the preoperational NRC emergency preparedness appraisal can be conducted.
2. PSE&G Nuclear Site Protection Personnel have committed to the week of August 12, 1985, with regard to the conduct of the Hope Creek pre-operational emergency response appraisal. In addition to the date of August 12, 1985, Nuclear Site Protection Personnel agreed to work closely with NRC Region I personnel to schedule and establish firm dates and commitments for the Hope Creek Staff that will be involved in this appraisal. This will



provide a schedule that would be appropriately planned as necessary to support Hope Creek Operations commitments and prelicensing work activity.

B. Emergency Plan Commitments

Two concerns were identified in the HCGS Emergency Plan that are generic throughout the plan. These are:

1. Various maps, charts, and figures should be replaced by pages that are legible enough to support detailed review; and
2. All items referencing the future tense in the Emergency Plan should be amended to reference the current tense based on the assumption that this plan and its commitments are effective upon receipt of an Operating License.

The two generic concerns identified above are to be formally resolved in the next scheduled revision of the HCGS Emergency Plan.

NRC concerns regarding specific sections of the plan, as well as PSE&G's planned resolution to each concern, are provided by section below. Each specific resolution is to be incorporated into the next revision of the HCGS Emergency Plan.

1. Emergency Plan Section 3, Paragraph 3.3E, Page 3.22

NRC Concern:

The statements indicating that the SRPT will activate the TSC should be changed to indicate that this individual will ensure activation of the TSC so as not to restrict by the words of the plan this individual's activity to one specific location or function.

PSE&G Resolution:

The paragraph will be amended to indicate that the SRPT will ensure activation of the TSC. This change will ensure that the SRPT will not be required to be physically present in the TSC during its activation.

2. Emergency Plan Section 4, Paragraph 4.2, Page 4.1

NRC Concern:

The second paragraph of Section 4.2 should be changed to indicate the words of the state emergency plans for direct contact of the local governments and Coast Guard, or the state emergency plan revisions should be coordinated such that the state emergency plan and the state-ments contained in this paragraph are consistent. Additionally, Section 6 subparagraph 6.1 with the subparagraph entitled Initial Notification-local should be amended to be consistent with the Section 4.2 paragraph and the state emergency plans.

PSE&G Resolution:

The third subparagraph in paragraph 4.2 will be amended to state that PSE&G will contact the EPZ counties directly for all General Emergency declarations.

3. Emergency Plan Section 4, Paragraph 4.4, Page 4.3

NRC Concern:

Item 3, General Electric Company - NSSS Vendor, should be amended to indicate the emergency response agreement between Public Service Electric and Gas and the General Electric Company. Item 4, Institute of Nuclear Power Operation (INPO), should be amended to indicate that Public Service Electric and Gas is a signatory of the Nuclear Power Plant Emergency Response Voluntary Assistance Emergency Plan Section.

PSE&G Resolution:

Paragraph 4.4 will be amended to indicate the current emergency services agreement between PSE&G and General Electric Company, and will indicate that PSE&G is a signatory of the Nuclear Power Plant Emergency Response Voluntary Assistance Emergency Plan developed by the Institute of Nuclear Power Operations.

4. Emergency Plan Section 6, Figure 6-7

NRC Concern:

Figure 6-7 should be provided in legible form.

PSE&G Resolution:

Legible figures will be provided throughout the Emergency Plan.

5. Emergency Plan Section 6, Paragraph 6.1

NRC Concern:

A sentence should be added to the paragraph to indicate station page provisions for emergency notifications (e.g., one party channel will be maintained for emergency communications).

PSE&G Resolution:

Information on the plant page emergency communications provisions will be added to the Emergency Plan.

6. Emergency Plan Section 8, Paragraph 8.4, Rumor Control

NRC Concern:

The Emergency Plan should indicate that The Public Information Brochure provided to all residents within the 10 mile emergency planning zone has rumor control telephone numbers.

PSE&G Resolution:

Paragraph 8.4 will be revised to indicate the rumor control information included in the public information brochure provided to residents of the ten-mile EPZ.

7. Emergency Plan Sections 9 and 10

NRC Concern:

The sections should be amended as discussed above with regard to future and present tense.

PSE&G Resolution:

Tense changes will be made as appropriate.

8. Emergency Plan Section 12, Table 12-1

NRC Concern:

The table should be amended to address contamination limits that can be analyzed and measured utilizing the instrumentation available during emergency situations.

PSE&G Response:

Table 12-1 will be revised to indicate the contamination limits provided in the PSE&G Radiation Protection Program Manual (based on INPO 85-004).

9. Emergency Plan Section 13, paragraph 13.1

NRC Concern:

The section should be amended to indicate that PSE&G Medical Services Department will not direct emergency actions for first aid. PSE&G's Medical Department will only act in program coordination.

PSE&G Resolution:

This section will be amended to indicate that the PSE&G Medical Services Department will provide program development and coordination, and will not actually direct emergency medical operations.

10. Emergency Plan Section 13, subparagraph 13.2

NRC Concern:

The PSE&G provision for medical assistance at the Salem Memorial Hospital should be revised to indicate current plans, current plan notification requirements, and should be consistent with the hospital emergency plan.



PSE&G Resolution:

This section of the Emergency Plan and the hospital plan will be amended such that the Hope Creek Emergency Plan and the Salem Memorial Hospital Emergency Plan are consistent.

11. Emergency Plan Section 14.2

NRC Concern:

Items 3 and 4 should be amended to indicate initiation of recovery when releases of radioactive material fall below federal guideline limits and in the case of fire, flooding, and other similar emergencies, when the incident no longer presents an emergency situation to the Hope Creek Generating Station.

PSE&G Resolution:

Items 3 and 4 will be amended to indicate the initiation of recovery when releases of radioactive material falls below federal guideline limits, and in the case of fire, flooding and other similar emergencies, when the incident no longer presents an emergency situation to the Hope Creek Generating Station.

12. Sections 15 and 16 of the Emergency Plan

NRC Concern:

These sections should be revised to indicate any drills previously eliminated from these sections of the Emergency Plan. Sections 15 and 16 should be revised such that all required drills and exercises as outlined in NUREG-0654, are included in the Hope Creek Emergency Plan. Section 15 of the Hope Creek Emergency Plan should be revised to indicate the complete management review process for drills/exercise deficiencies. Section 16 of the Emergency Plan should be revised to indicate detailed listing of the Emergency Response Training Lesson Plans. Also, provide the training matrix relating emergency plan position as identified in Section 3, paragraph 3.3 to lessen plan requirements.

PSE&G Resolution:

Section 15 will be revised to reflect the management review required for the correction of deficiencies. It will include provisions for five and six year drill requirements. It will also include provisions for drills that escalate to General Emergency, an annual accountability drill, and annual full fan out communications drill.

Section 16 will be revised to include corrective actions management for deficiencies identified during drills/training. Also, tables will be added to this section to matrix emergency response positions to the lesson plan requirements for those positions, and a listing of all emergency response lesson plan content will be provided.

13. The Salem Hospital Emergency Plan

NRC Concern:

The hospital plan should be revised to indicate Hope Creek requirements. This plan should also be revised such that notifications as outlined in Hope Creek, Salem, and the hospital plans are consistent. Hope Creek Control Room authentication phone numbers should be provided in the hospital emergency plan. Supporting physicians and telephone listings for physicians should be revised to indicate the appropriate response physicians as indicated in Hope Creek Plan and the Salem Memorial Hospital Emergency Plans.

PSE&G Resolution:

As noted in Item 10 above, the Emergency Plan and the hospital plans are to be revised for consistency with each other. This will include incorporation of Hope Creek Control Room authentication phone numbers into the hospital emergency plan, as well as listing of supporting physicians and their telephone numbers.