

May 8, 2000

Mr. Harold W. Keiser  
President and Chief Nuclear Officer  
Nuclear Business Unit  
Public Service Electric & Gas Company  
Post Office Box 236  
Hancocks Bridge, NJ 08038

SUBJECT: NRC-EVALUATED EMERGENCY PREPAREDNESS EXERCISE -  
INSPECTION REPORT NO. 05000354/2000-004

Dear Mr. Keiser:

The enclosed report documents an inspection for public health and safety, led by Mr. D. Silk at Hancocks Bridge, New Jersey. The inspection at the Hope Creek Generating Station evaluated the performance of your emergency response organization (ERO) during the April 11, 2000, full-participation exercise, the post-exercise critique, and the emergency preparedness performance indicators as specified in the reactor oversight program. The inspectors discussed the findings of this inspection with members of your staff on April 13, 2000.

This inspection was an examination of activities conducted under your license as they relate to safety and compliance with the Commission's rules and regulations and with the conditions of your license. Within these areas, the inspection consisted of a selected examination of procedures and representative records, observations of activities, and interviews with personnel.

No violations of NRC requirements or significant findings were identified. No response to this letter is required.

In accordance with 10 CFR 2.790 of the NRC's "Rules of Practice," a copy of this letter and its enclosures will be placed in the NRC Public Document Room.

Sincerely,

***/RA/***

Wayne D. Lanning, Director  
Division of Reactor Safety

Docket No. 05000354

Enclosure: Inspection Report No. 05000354/2000-004

Mr. Harold W. Keiser

-2-

cc w/encl:

E. Simpson, Senior Vice President and Chief Administrative Officer  
M. Bezilla, Vice President - Nuclear Operations  
D. Garchow, Vice President - Technical Support  
M. Trum, Vice President - Maintenance  
T. O'Connor, Vice President - Plant Support  
E. Salowitz, Director - Nuclear Business Support  
G. Salamon, Manager - Licensing  
A. F. Kirby, III, External Operations - Nuclear, Conectiv Energy  
J. McMahon, Director - QA/Nuclear Training/Emergency Preparedness  
R. Kankus, Joint Owner Affairs  
A. Tapert, Program Administrator  
J. J. Keenan, Esquire  
Consumer Advocate, Office of Consumer Advocate  
W. Conklin, Public Safety Consultant, Lower Alloways Creek Township  
M. Wetterhahn, Esquire  
State of New Jersey  
State of Delaware  
L. G. Canton, Regional Director, FEMA, Region II  
J. Guinan, NJ PIRG  
N. Cohen, Coalition for Peace and Justice  
R. Fisher  
F. Berryhill  
B. August

Mr. Harold W. Keiser

-3-

Distribution w/encl:

Region I Docket Room (with concurrences)  
 Nuclear Safety Information Center (NSIC)  
 NRC Resident Inspector  
 PUBLIC  
 T. Frye, NRR  
 H. Miller, RA/J. Wiggins, DRA  
 G. Meyer, DRP  
 P. Bonnett, DRP  
 R. Barkley, DRP  
 C. O'Daniell, DRP  
 L. Privity, DRS  
 W. Lanning, DRS  
 B. Holian, DRS  
 R. Conte, DRS  
 D. Silk, DRS  
 DRS File  
 D. Barss, NRR

Distribution w/encl: **(VIA ADAMS)**

J. Shea, OEDO  
 E. Adensam, NRR  
 R. Ennis, PM, NRR  
 Inspection Program Branch, NRR (IPAS)  
 T. Frye, NRR  
 W. Scott, NRR  
 C. See, NRR  
 DOCDESK

DOCUMENT NAME: G:\HPEPB\SILK\HC00004.WPD

**To receive a copy of this document, indicate in the box: "C" = Copy without attachment/enclosure "E" = Copy with attachment/enclosure "N" = No copy**

OFFICE	RI/DRS	RI/DRP	RI/DRS	RI/DRS	
NAME	DSilk	GMeyer	RConte	WLanning	
DATE	05/03/00	05/05/00	05/04/00	05/08/00	

OFFICIAL RECORD COPY

U. S. NUCLEAR REGULATORY COMMISSION

REGION I

Docket No: 05000354

License No: NPF-57

Report No: 05000354/2000-004

Licensee: Public Service Gas and Electric Company

Facility: Hope Creek Generating Station

Dates: April 10 - 13, 2000

Inspectors: D. Silk, Senior Emergency Preparedness Inspector, DRS (Lead)  
N. McNamara, Emergency Preparedness Inspector, DRS  
P. Frechette, Security Specialist, DRS  
S. Pindale, Reactor Engineer, DRS

Approved by: Richard J. Conte, Chief  
Operational Safety Branch  
Division of Reactor Safety

## SUMMARY OF FINDINGS

Hope Creek Generating Station  
April 10 - 13, 2000  
Inspection Report Number 05000354/2000-004

The report covers a 1 week onsite period of an announced inspection of the biennial exercise by region based inspectors (two emergency preparedness specialists, a reactor engineer and a security specialist). If applicable, the significance of issues is indicated by their color (green, white, yellow, red) and was determined by the Significance Determination Process in Inspection Manual Chapter 0609.

- No inspection findings were identified.

## Report Details

### **1. REACTOR SAFETY**

#### Cornerstone: Emergency Preparedness (EP)

#### 1EP1 Drill, Exercise, and Actual Events

##### a. Inspection Scope

The inspectors reviewed:

- Exercise objectives and scenario to determine if the exercise would test major elements of the licensee's emergency plan.
- Observed and evaluated the licensee's biennial full-participation exercise performance by focusing on risk-significant activities in the simulator control room, the technical support center, the operations support center, and the emergency operations facility.
- Assessed the emergency response organization's (ERO) recognition of abnormal plant conditions, classification of emergency conditions, notification of offsite agencies, development of protective action recommendations, command and control, communications, utilization of repair and field monitoring teams, and the overall implementation of the emergency plan.
- Observed the post-exercise critique to evaluate the licensee's self-assessment of the exercise.

##### b. Observations and Findings

No significant findings were identified.

### **4. OTHER ACTIVITIES**

#### 4OA1 Performance Indicator Verification

##### a. Inspection Scope

The inspectors verified the licensee's system for identifying the data for the past two years that is utilized to determine the values for the three EP performance indicators (PI):

- Drill and Exercise Performance (DEP)
- ERO Drill Participation, and
- Alert and Notification System Reliability.

The review also included:

- Current and historical records for each PI.
- Drill/exercise records and siren testing records.

b. Observations and Findings

No significant findings were identified.

40A2 Identification and Resolution of Problems

a. Inspection Scope

The inspectors reviewed licensee findings (audits and critiques) pertaining to the recent drills (third quarter 1999 and first quarter 2000) and the last licensee biennial exercise critique to determine if performance trends exist and to determine the effectiveness of licensee corrective actions based upon ERO performance during the exercise.

b. Observations and Findings

No significant findings were identified.

40A6 Exit Meeting

The inspectors presented the inspection results to members of licensee management (as indicated on the contact list) at the conclusion of the inspection on April 13, 2000.

## PARTIAL LIST OF PERSONS CONTACTED

### Licensee

M. Azzaro, Technical Analyst, Emergency Preparedness  
C. Banner, Supervisor, Emergency Preparedness  
K. Davenport, Technical Analyst, Security  
W. Detwiler, Technical Analyst, Emergency Preparedness  
P. Duke, Licensing Engineer, Licensing  
B. Gary, Radiation Protection Superintendent  
F. Hughes, Technical Analyst, Emergency Preparedness  
T. Kiessling, Technical Analyst, Emergency Preparedness  
D. Miller, Manager, Emergency Preparedness  
J. Schaffer, Technical Analyst, Emergency Preparedness  
C. Simmerman, Emergency Preparedness Clerk  
J. Sindoni, Nuclear Communications

## ITEMS OPENED, CLOSED, AND DISCUSSED

### Opened

None

### Closed

None

### Discussed

None

## LIST OF ACRONYMS USED

DEP	Drill and Exercise Performance
EP	Emergency Preparedness
ERO	Emergency Response Organization
PI	Performance Indicator