



**PSEG**

Public Service Electric and Gas Company 80 Park Plaza Newark, N.J. 07101 Phone 201/430-7000

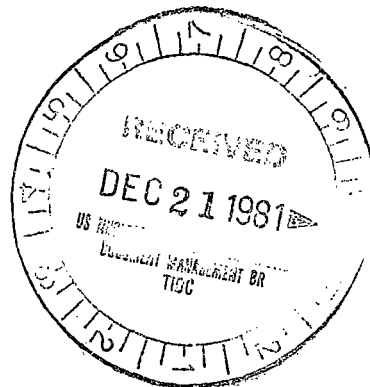
December 11, 1981

Mr. Harold Denton  
Director of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Attention: Mr. Steven A. Varga, Chief  
Operating Reactors Branch 1  
Division of Licensing

Gentlemen:

STATUS OF INSTALLATION AND TESTING OF PROMPT  
ALERTING AND NOTIFICATION SYSTEM  
SALEM GENERATING STATION  
UNIT NOS. 1 AND 2  
DOCKET NOS. 50-272 AND 50-311



In our last status letter dated November 4, 1981, we provided you with information concerning prompt notification system milestones and specifics related to installation and testing of sirens. Since that date we have experienced a number of delays. Delays incurred in November were primarily associated with siren activation equipment and the relocation of one Delaware siren. We are unsure at this time how these delays will affect completion of the siren system, as described in our May 26, 1981 submittal of the Salem Generating Station Emergency Plan, by the NRC's proposed implementation date of February 1, 1982. If the types of problems we have experience in the past, continue in the future, the February 1, 1982 date will be in jeopardy.

To date we have conducted preliminary silent tests in New Jersey and have identified sufficient encoder/decoder problems to warrant delaying all growl tests until the problems are resolved. We are presently designing a test program to determine the transmitter/encoder signal strength at each siren location and the ability of the decoders to properly interpret the signal. Due to this lack of confidence in the remote activation/cancel function, all growl tests will be delayed until the testing in both States is complete and a manufacturer's representative inspects, verifies and corrects the problems.

Enclosure 1 presents an update of our past and projected milestones. The siren system acoustical testing shown as Item 2 was completed slightly ahead of schedule and a report of the final results is expected by mid-December. This report will specifically define and document those areas covered by siren. Prior to the complete siren system test projected for January, four intermediate tests (Items 3 and 4 on Enclosure 1) must be conducted to assure the operability of the siren system. After successful completion of these intermediate tests, all sirens will have met manufacturer's acceptance criteria and PSEG's siren system design specifications.

A001  
5  
1/1

8112220404 811211  
PDR ADOCK 05000272  
F PDR

We will then consider the system complete and in compliance with all criteria presented in Appendix 3, Sections B.2.a,b,c, of NUREG-0654, FEMA-Rep-1, Rev. 1.

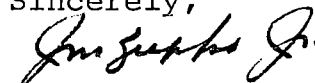
Turn over of the siren system to the States of Delaware and New Jersey by January 1, 1982 is presently in jepordy due to the delays. However, following this transaction and the full siren system test, EBS tone alert radio receivers and possibly additional sirens will be utilized to correct deficiencies indentified during the full system test.

As shown in Enclosure 2, Item 3, a purchase order was issued for an initial order of 7,000 tone-alert EBS radio receivers with Johnson Electronics of Casselberry, Florida on November 6, 1981, ahead of the projected date of November 15. Items 5 and 6 present dates for distribution of EBS radio receivers and their testing. However, they can not be considered firm since distribution of EBS radio receivers is dependent on the final testing of the siren system.

Prior to the January siren system test, siren test response cards will be distributed to all addresses within the 10-mile plume exposure EPZ. The purpose of this card is twofold. First, it provides a means for system evaluation by individual residents. Second, it provides a means for identifying the need for and requesting an alternate alerting device (i.e., siren or EBS radio receiver, etc.). Enclosure 3 presents a draft copy of this card, currently in reproduction.

If you have any questions concerning this program, please feel free to contact me.

Sincerely,



J. M. Zupko, Jr.  
General Manager -  
Nuclear Service

CC Mr. R. C. Haynes, Director  
Office of Inspection and Enforcement  
Region I  
U.S. Nuclear Regulatory Commission  
631 Park Avenue  
King of Prussia, PA 19406

Mr. Brian K. Grimes, Director  
Division of Emergency Preparedness  
Office of Inspection and Enforcement  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555

Enclosure - 1

Projected Milestones as of December 11, 1981: Siren System

	<u>Previous Projection</u>	<u>Present Projection</u>
1) Complete Siren System installed and functionally tested	10/16/81	10/16/81*
2) Siren System Acoustical Test (design verification and acceptance)	11/13/81	11/11/81*
3) Siren System Silent Test New Jersey Delaware	-	12/18/81**
4) Siren System Growl Test New Jersey Delaware	-	12/22/81**
5) Siren System functionally tested and operationally turned over to States.	1/01/82	1/01/82**
6) Siren System Test - Utility and States (public participation and verification of system effectiveness)	1/07/82	mid-to late- January

\*Task completed prior to this letter.

\*\*Questionable due to existing problems and resulting delays.

Enclosure - 2

Projected Milestones: EBS Radio System

	<u>Previous Projection</u>	<u>Present Projection or Actual</u>
1) Request for Proposal issued	10/05/81	10/05/81
2) Vendor bids received	10/26/81	10/26/81
3) Issue Purchase Order for EBS Radio Receivers	11/15/81	11/06/81
4) Delivery of EBS Radio Receivers	3/15/82	2/15/82- 3/15/82
5) Distribution of EBS Radio Receivers	4/01/82	4/01/82
6) EBS Radio System Test	4/15/82	4/15/82

\*Task completed prior to this letter.

# SIREN ALERTING SYSTEM TEST

Your Reply is important

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

What is the Siren Test?

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

How to fill out the Siren Alerting  
System Test response card

1

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

2

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

3

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

4

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

5

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

THANK YOU  
FOR YOUR  
PATIENCE  
AND  
COOPERATION



BUSINESS REPLY MAIL

First class      Second class      Third class

Please use this tag when mailing

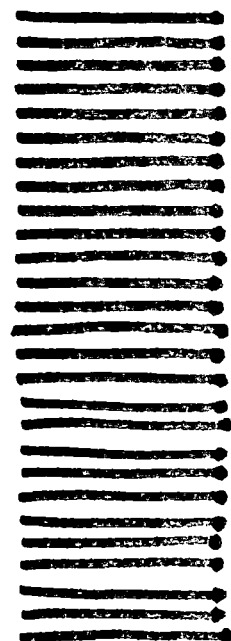
NO POSTAGE  
NECESSARY  
IF MAILED  
IN THE  
UNITED STATES

PROMPT NOTIFICATION

80 PARK PLAZA

P.O. BOX 570

NEWARK, N.J. 07101



NAME	1	Is your address correct?	YES	NO
ADDRESS	2			
CITY	3			
STATE	4			
ZIP	5			
EXPLANATION	6			
DATE	7			
TIME	8			
REMARKS	9			
REMARKS	10			
REMARKS	11			
REMARKS	12			
REMARKS	13			
REMARKS	14			
REMARKS	15			
REMARKS	16			
REMARKS	17			
REMARKS	18			
REMARKS	19			
REMARKS	20			

PLEASE DETACH & MAIL

PROMPT NOTIFICATION  
P.O. BOX 570  
80 PARK PLAZA 15A  
NEWARK, N.J. 07101

**SIREN ALERTING  
SYSTEM TEST/** Open card for instructions.  
Your reply is important!

Please answer the following questions about the Siren Alerting Test by checking the appropriate box and print your name in the space provided.

YES

NO

1. Is your address correct?

(If your answer is no, please correct it in the space provided)

2. Were you at this address during the test?

3. Did you hear the siren signal?

(Regardless of your location at the time of the test)

4. Were you indoors at the time of the test?

5. Will the siren provide an adequate alerting signal to you at the address on this card?

(If you were not home, ask your neighbors if they could hear the signal)

6. Do you need an alternate alerting device?

(If your answer is yes, please provide an explanation)

NAME

CORRECT ADDRESS

EXPLANATION:

ADDRESS LABEL

Response Card

PROMPT NOTIFICATION

80 PARK PLAZA 15A

P.O. BOX 570

NEWARK, NEW JERSEY 07101

Response Card



PROMPT NOTIFICATION  
80 PARK PLAZA 15A  
P.O. BOX 570  
NEWARK, NEW JERSEY 07101

ADDRESS LABEL

Siren Alerting System Test

Open Card For Instructions.  
Your reply is important!

Mailing Card

## Your Reply Is Important

This card has been mailed to you as a part of an important test of your local Siren Alerting System. The purpose of this test is to determine the effectiveness of the Siren Alerting System within 10-miles of the Salem Generating Station and to determine where additional alerting equipment is needed to alert you. Additional information concerning the Alerting System and how it affects you may be found on page 7 of the Emergency Planning Information Pamphlet recently sent to you.

### How will The Test Be Performed?

The Siren Alerting Test will consist of sounding all of the sirens twice. First there will be a three-minute sounding, followed by one minute of silence and then finally a second three-minute sounding which will complete the test.

Newspaper and radio announcements will inform you of the date and time of the test. After the test, whether you heard it or not, we request that you fill out the attached postage-paid response card. The information will be used to evaluate the Siren Alerting System.

## How To Fill Out The Siren Alerting System Test Response Card:

1. After the publicly announced Siren Alerting System test, please answer all of the questions on the back of this card.
  - a. Simply fill in you name in the space provided.
  - b. If your address is incorrect on the label, included your correct address below your name.
2. If your answer to Question 6 is yes, please provide an explanation.
3. Please mail the postage-paid response card as soon as possible after the test.

Thank you for you patience and cooperation.

MAILING CARD