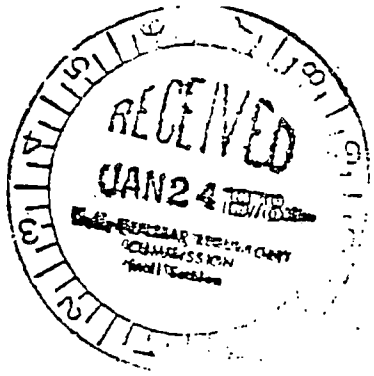
Enclosure 3

SEG

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

January 19, 1978



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

Gentlemen,

Attached is the completed questionnaire on diesel generators. Mr. Richard A. Silverio, Assistant to Manager - Salem Generating Station, was responsible for completing this questionnaire. Any follow-up communications concerning this questionnaire or for arranging a site visit, should be directed to Mr. Herbert J. Heller, Manager - Salem Generating Station, P. O. Box 168, Hancocks Bridge, New Jersey 08038, (609) 365-7000, Extension 501.

Very truly yours,

F. P. Librizzi
General Manager -
Electric Production

780250003

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HEAD TO HEAD

The Energy People

S. Are any foreign gases such as propane, freon, halon, carbon dioxide, etc. stored in the: Diesel Engine room? Yes _____ No X or adjacent buildings? Yes ___ No X

If yes, (other than hand portable fire extinguishers), then identify gases and give approximate tank size.

Gases	Volume (ft^3)
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

T. Does control system automatically bypass, in emergency starting, any engine temporarily out of service for maintenance? Yes _____ No X

If yes, then how many failures to bypass have occured?

_____

U. Does the control system automatically override the test mode under emergency conditions? Yes X No _____

V. Have repetitive mechanical failures occurred in any component part or subsystem of the engine, generator, or switch gear, etc.? Yes X No ____

If yes, then which part or subsystem? fuel line to manifold

How many failures? 2

Give nature of failure. vibration cracking

W. Would periodic (yearly or other) evaluation and/or testing by "outside experts" contribute significantly to the diesel-generator reliability? Yes X No ____

Give brief reasons for the answer. Eperts are highly trained and experienced in specific equipment

X. 1. Give the accumulated time-load operating record for each diesel-generator unit from installation to the present (Running Hours):

Preoperational test Date Dec. 1975

Engine Serial No.	Surv. Testing & Maintenance Hrs. No Load	Loaded	Emergency and Other Service Hrs.	Total Hours
Unavailable at this time				

2. Surveillance test load (percent of continuous rating) 100%

3. Give the projected or planned time-load operation for each diesel-generator unit during the next 12 months.

Surveillance & Maintenance Hrs.	Emergency and other Service Hrs.	Total Hours	
30		30	

4. Provide the following summary of the periodic surveillance testing experience:

a. Starting date of surveillance testing (OL date) Jan 1976
b. Periodic test interval 31 days & 18 mos.
c. Total number of surveillance tests performed 24 per unit
d. Total number of test failures 5

failure to start _____ failure to accept load _____
failure to carry load _____ failures due to operator error _____
failure due to equipment not being operative during emergency conditions 5

e. Supply a copy of the surveillance test procedures with this completed questionnaire.