

ELECTRICAL POWER SYSTEMS

SURVEILLANCE REQUIREMENTS (Continued)

10. Verifying the diesel generator's capability to:
  - a) Synchronize with the offsite power source while the generator is loaded with its emergency loads upon a simulated restoration of offsite power,
  - b) Transfer its loads to the offsite power source, and
  - c) Be restored to its standby status.
11. Verifying that with the diesel generator operating in a test mode and connected to its bus, a simulated ECCS actuation signal overrides the test mode by (1) returning the diesel generator to standby operation, and (2) automatically energizes the emergency loads with offsite power.
12. Verifying that each diesel generator loading sequence timer shown in Table 4.8.1.1.2-2 is OPERABLE with its setpoint within  $\pm 10\%$  of its design setpoint<sub>x</sub>, except for the RHR pump timers, which may have a tolerance of  $+20\%$ ,  $-10\%$ .
13. Verifying that the following diesel generator lockout features do not prevent diesel generator starting and/or operation when not required:
  - a) Engine overspeed.
  - b) Generator differential.
  - c) Engine low lube oil pressure.
- e. At least once per 10 years or after any modifications which could affect diesel generator interdependence by starting all diesel generators simultaneously, during shutdown, and verifying that all diesel generators accelerate to at least 600 rpm in less than or equal to 10 seconds.
- f. At least once per 10 years by:
  1. Draining each fuel oil storage tank, removing the accumulated sediment and cleaning the tank using a sodium hypochlorite or equivalent solution, and
  2. Performing a pressure test of those portions of the diesel fuel oil system designed to Section III, subsection ND of the ASME Code in accordance with ASME Code Section XI Article IWD-5000.

4.8.1.1.3 Diesel generator E when not aligned to the Class 1E System shall be demonstrated OPERABLE by:

- a. Verifying in accordance with the frequency specified in Table 4.8.1.1.2-1:
  1. The fuel level in the engine-mounted day fuel tank.
  2. The fuel level in the fuel storage tank.

8710210054 871015  
PDR ADDCK 05000387  
P PDR

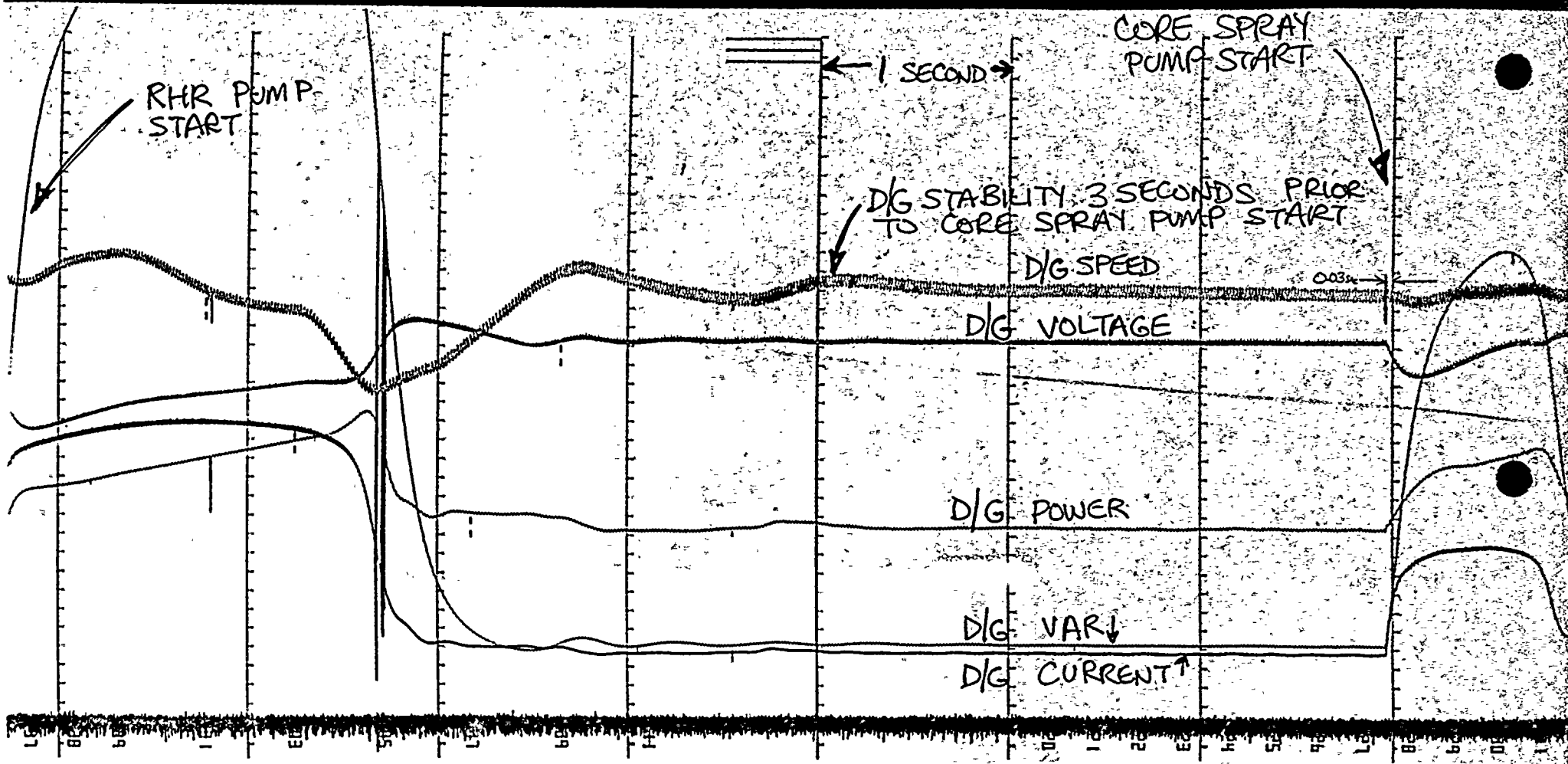
## ELECTRICAL POWER SYSTEMS

### SURVEILLANCE REQUIREMENTS (Continued)

- b) Transfer its loads to the offsite power source, and
  - c) Be restored to its standby status.
11. Verifying that with the diesel generator operating in a test mode and connected to its bus, a simulated ECCS actuation signal overrides the test mode by (1) returning the diesel generator to standby operation, and (2) automatically energizes the emergency loads with offsite power.
12. Verifying that each diesel generator loading sequence timer shown in Table 4.8.1.1.2-2 is OPERABLE with its setpoint within  $\pm 10\%$  of its design setpoint<sub>x</sub>, except for the RHR pump timers, which may have a tolerance of  $+20\%$ ,  $-10\%$ .
13. Verifying that the following diesel generator lockout features do not prevent diesel generator starting and/or operation when not required:
- a) Engine overspeed.
  - b) Generator differential.
  - c) Engine low lube oil pressure.
- e. At least once per 10 years or after any modifications which could affect diesel generator interdependence by starting all diesel generators simultaneously, during shutdown, and verifying that all diesel generators accelerate to at least 600 rpm in less than or equal to 10 seconds.
- f. At least once per 10 years by:
- 1. Draining each fuel oil storage tank, removing the accumulated sediment and cleaning the tank using a sodium hypochlorite or equivalent solution, and
  - 2. Performing a pressure test of those portions of the diesel fuel oil system designed to Section III, subsection ND of the ASME Code in accordance with ASME Code Section XI Article IWD-5000.

4.8.1.1.3 Diesel generator E when not aligned to the Class 1E System shall be demonstrated OPERABLE by:

- a. Verifying in accordance with the frequency specified in Table 4.8.1.1.2-1:
  - 1. The fuel level in the engine-mounted day fuel tank.
  - 2. The fuel level in the fuel storage tank.
  - 3. The fuel transfer pump starts and transfers fuel from the storage system to the engine-mounted day fuel tank.





1947

1

2

3

4

5

6

BEFORE THE  
UNITED STATES NUCLEAR REGULATORY COMMISSION

In the Matter of

:

PENNSYLVANIA POWER &  
LIGHT COMPANY

:

Docket No. 50-388

PROPOSED AMENDMENT NO. 54

FACILITY OPERATING LICENSE NO. NPF-22

SUSQUEHANNA STEAM ELECTRIC STATION  
UNIT NO. 2

Licensee, Pennsylvania Power & Light Company, hereby files proposed Amendment No. 54 to its Facility Operating License No. NPF-22 dated March 23, 1984.

This amendment contains a revision to the Susquehanna SES Unit 2 Technical Specifications.

PENNSYLVANIA POWER & LIGHT COMPANY  
BY:



H. W. Keiser

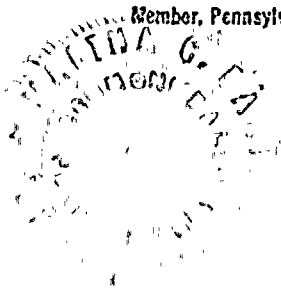
Vice President - Nuclear Operations

Sworn to and subscribed before me  
this 15<sup>th</sup> of October, 1987.



Notary Public

MARTHA C. BARTO, NOTARY PUBLIC  
ALLENTOWN, LEHIGH COUNTY  
MY COMMISSION EXPIRES JAN. 15, 1990  
Member, Pennsylvania Association of Notaries



1978

...

...

...

...

...

...

...

...



BEFORE THE  
UNITED STATES NUCLEAR REGULATORY COMMISSION

---

In the Matter of :  
PENNSYLVANIA POWER & : Docket No. 50-387  
LIGHT COMPANY :

---

PROPOSED AMENDMENT NO. 104  
FACILITY OPERATING LICENSE NO. NPF-14  
SUSQUEHANNA STEAM ELECTRIC STATION  
UNIT NO. 1

---

Licensee, Pennsylvania Power & Light Company, hereby files proposed Amendment No. 104 to its Facility Operating License No. NPF-14 dated July 17, 1982.

This amendment contains a revision to the Susquehanna SES Unit 1 Technical Specifications.

PENNSYLVANIA POWER & LIGHT COMPANY  
BY:



---

H. W. Keiser  
Vice President - Nuclear Operations

Sworn to and subscribed before me  
this 15<sup>th</sup> of October, 1987.



---

Notary Public  
MARTHA C. BARTO, NOTARY PUBLIC  
ALLENTOWN, LEHIGH COUNTY  
MY COMMISSION EXPIRES JAN. 15, 1990  
Member, Pennsylvania Association of Notaries

100-100000

UNITED STATES DEPARTMENT OF JUSTICE

FEDERAL BUREAU OF INVESTIGATION

MEMORANDUM

TO : SAC, NEW YORK  
FROM : SAC, PHOENIX  
SUBJECT: [Illegible]

[Illegible typed text]

[Illegible typed text]

[Illegible typed text]

Very truly yours,  
[Illegible Signature]

