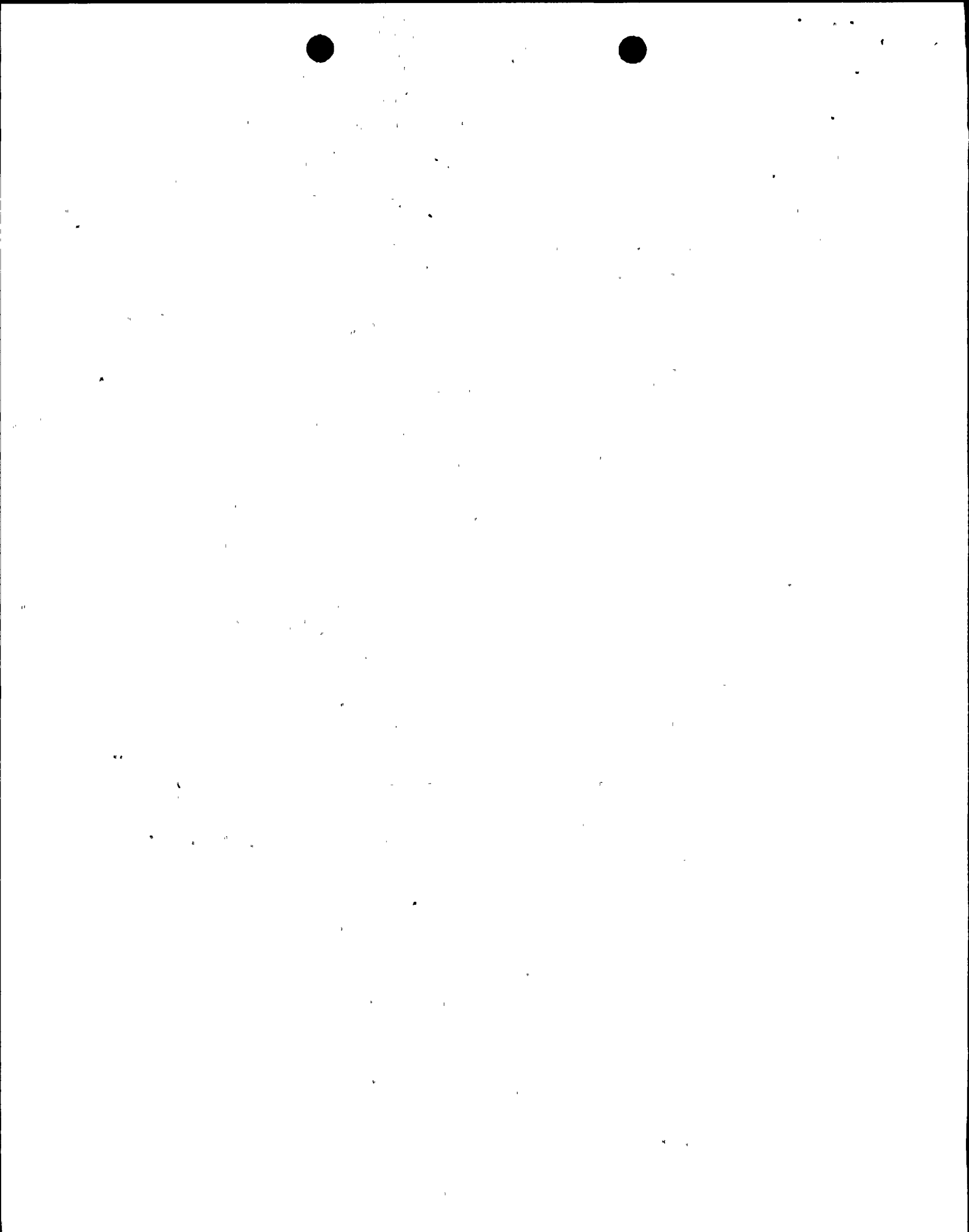


ELECTRICAL POWER SYSTEMS

SURVEILLANCE REQUIREMENTS (Continued)

- c. At least once per 18 months by verifying that:
1. The cells, cell plates and battery racks show no visual indication of physical damage or abnormal deterioration,
 2. The cell-to-cell and terminal connections are clean, tight, free of corrosion and coated with anti-corrosion material,
 3. The resistance of each cell-to-cell and terminal connection of each 125-volt and 250-volt battery is less than or equal to 150×10^{-6} ohm, and
 4. The battery charger, for at least 4 hours, will supply at least:
 - a) For the + 24-volt batteries, 25 amperes at a minimum of 25.7 volts.
 - b) For the 125-volt batteries, 100 amperes at a minimum of 127.8 volts.
 - c) For the 250-volt batteries, 300 amperes at a minimum of 255.6 volts.
 - d) For the 125-volt diesel generator E batteries, 200 amperes at a minimum of 127.8 volts.
- d. At least once per 18 months by verifying that either:
1. The battery capacity is adequate to supply and maintain in OPERABLE status all of the actual emergency loads for the design duty cycle when the battery is subjected to a battery service test, or
 2. The battery capacity is adequate to supply a dummy load of the following profile, which is verified to be greater than the actual emergency loads, while maintaining the battery terminal voltage greater than or equal to $\pm 21, 105$ or 210 volts, as applicable.
 - a) For + 24-volt battery banks 1D670, 1D670-1, 1D680 and 1D680-1, 9.37 amperes for the entire 4 hour test.
 - b) For 125-volt batteries:
 - 1) Channel A battery 1D612:
~~343-325~~ amperes for 60 seconds
~~114-107~~ amperes for the remainder of the 4 hour test
 - 2) Channel "B" battery 1D622:
~~344-323~~ amperes for 60 seconds
~~116-105~~ amperes for the remainder of the 4 hour test
 - 3) Channel "C" battery 1D632:
~~318-340~~ amperes for 60 seconds
~~100-123~~ amperes for the remainder of the 4 hour test
 - 4) Channel "D" battery 1D642:
~~336-323~~ amperes for 60 seconds
~~117-104~~ amperes for the remainder of the 4 hour test.

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ELECTRICAL POWER SYSTEMS

SURVEILLANCE REQUIREMENTS (Continued)

c. At least once per 18 months by verifying that:

1. The cells, cell plates, and battery racks show no visual indication of physical damage or abnormal deterioration,
2. The cell-to-cell and terminal connections are clean, tight, free of corrosion, and coated with anticorrosion material,
3. The resistance of each cell-to-cell and terminal connection of each 125-volt and 250-volt battery is less than or equal to 150×10^{-6} ohm, and
4. The battery charger, for at least 4 hours, will supply at least:
 - a) For the + 24-volt batteries, 25 amperes at a minimum of 25.7 volts.
 - b) For the 125-volt batteries, 100 amperes at a minimum of 127.8 volts.
 - c) For the 250-volt batteries, 300 amperes at a minimum of 255.6 volts.
 - d) For the 125 volt generator E batteries, 200 amperes at a minimum of 127.8 volts

d. At least once per 18 months by verifying that either:

1. The battery capacity is adequate to supply and maintain in OPERABLE status all of the actual emergency loads for the design duty cycle when the battery is subjected to a battery service test, or
2. The battery capacity is adequate to supply a dummy load of the following profile, which is verified to be greater than the actual emergency loads, while maintaining the battery terminal voltage greater than or equal to $\pm 21, 105$ or 210 volts, as applicable.
 - a) For + 24-volt battery banks 20670, 20670-1, 20680, and 20680-1, 9.37 amperes for the entire 4-hour test.
 - b) For 125-volt batteries:
 - 1) Channel "A" battery 10612: ³⁴³325 amperes for 60 seconds
^{114 107} amperes for the remainder of the 4 hour test
 - 2) Channel "B" battery 10622: ³⁴¹323 amperes for 60 seconds
^{116 105} amperes for the remainder of the 4 hour test
 - 3) Channel "C" battery 10632: ³⁴⁰340 amperes for 60 seconds
^{100 121} amperes for the remainder of the 4 hour test
 - 4) Channel "D" battery 10642: ³³⁶323 amperes for 60 seconds
^{117 104} amperes for the remainder of the 4 hour test.
 - 5) Channel "A" battery 20612: 328 amperes for 60 seconds
112 amperes for the remainder of the 4 hour test
 - 6) Channel "B" battery 20622: 326 amperes for 60 seconds
110 amperes for the remainder of the 4 hour test

BEFORE THE
UNITED STATES NUCLEAR REGULATORY COMMISSION

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

REVISION 1 TO
PROPOSED AMENDMENT NO. 98
FACILITY OPERATING LICENSE NO. NPF-14
SUSQUEHANNA STEAM ELECTRIC STATION
UNIT NO. 1

Licensee, Pennsylvania Power & Light Company, hereby files Revision 1 proposed Amendment No. 98 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:

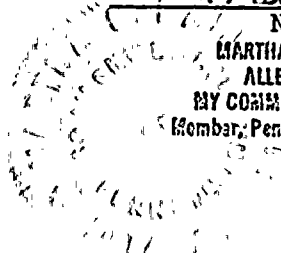


H. W. Keiser
Vice President - Nuclear Operations

Sworn to and subscribed before me
this 23rd of September, 1987.



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





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BEFORE THE
UNITED STATES NUCLEAR REGULATORY COMMISSION

In the Matter of :
PENNSYLVANIA POWER & : Docket No. 50-388
LIGHT COMPANY :

REVISION 1 TO
PROPOSED AMENDMENT NO. 51
FACILITY OPERATING LICENSE NO. NPF-22
SUSQUEHANNA STEAM ELECTRIC STATION
UNIT NO. 2

Licensee, Pennsylvania Power & Light Company, hereby files Revision 1 proposed Amendment No. 51 to its Facility Operating License No. NPF-22 dated March 23, 1984.

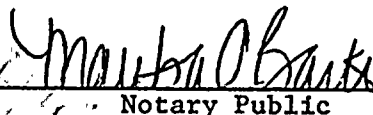
This amendment contains a revision to the Susquehanna SES Unit 2 Technical Specifications.

PENNSYLVANIA POWER & LIGHT COMPANY
BY:



H. W. Keiser
Vice President - Nuclear Operations

Sworn to and subscribed before me
this 23rd of September, 1987.



Notary Public

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

THE UNIVERSITY OF CHICAGO

PHYSICS DEPARTMENT

PHYSICS 309

PROFESSOR ROBERT A. SERBER

PHYSICS 309

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