UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

May 16, 1988

Docket Nos. 50-387/388

Mr. Harold W. Keiser
Senior Vice President-Nuclear
Pennsylvania Power and Light Company
2 North Ninth Street
Allentown, Pennsylvania 18101

Dear Mr. Keiser:

SUBJECT: (TAC NOS. 65214 AND 65215) PHYSICAL SECURITY PLAN

RE: SUSQUEHANNA STEAM ELECTRIC STATION, UNITS 1 AND 2

The Commission has issued the enclosed Amendment No. 81 to Facility Operating License No. NPF-14 and Amendment No. 47 to Facility Operating License No. NPF-22 for the Susquehanna Steam Electric Station, Units 1 and 2. These amendments consist of changes to the licenses in response to your letters dated November 21, 1986 and September 24, 1987.

These amendments modify paragraph 2.D of the licenses to require compliance with the amended Physical Security Plan. This Plan was amended to conform to the requirements of 10 CFR 73.55. Consistent with the provisions of 10 CFR 73.55, search requirements must be implemented within 60 days and miscellaneous amendments within 180 days from the effective date of these amendments.

Our evaluation of the amendments to your Physical Security Plan for Susquehanna 1 and 2 is contained in the enclosed Safeguards Evaluation Report. Based on this evaluation, we find that you meet the requirements of the Miscellaneous Amendments and Search Requirements revision to 10 CFR 73.55 and the recordkeeping requirements of 10 CFR 73.70.

We find that these amendments to your licenses are related solely to safeguards matters and do not involve any significant construction impacts. Accordingly, these amendments meet the eligibility criteria for categorical exclusion set forth in 10 CFR 51.22(c)(12). Pursuant to 10 CFR 51.22(b), no environmental impact statement or environmental assessment need be prepared in connection with the issuance of these amendments.

Based on the fact these license amendments apply to the Physical Security Plan and incorporate into the licenses the latest requirements of your updated Physical Security Plan, we have concluded that there is reasonable assurance that the health and safety of the public will not be endangered by this action and that this action will be conducted in compliance with the Commission's regulations, and the issuance of these amendments will not be inimical to the common defense and security or to the health and safety of the public.

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Your Physical Security Plan consists of Safeguards Information required to be protected from unauthorized disclosure in accordance with the provisions of 10 CFR 73.21.

Notice of Issuance will be included in the Commission's Biweekly Federal Register Notice.

Sincerely,

/s/

Walter R. Butler, Director
Project Directorate I-2
Division of Reactor Projects I/II
Office of Nuclear Reactor Regulation

Enclosures:
1. Amendment No. 81 to License No. NPF-14
2. Amendment No. 47 to License No. NPF-22
3. Safeguards Evaluation Report

cc w/enclosures:
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Your Physical Security Plan consists of Safeguards Information required to be protected from unauthorized disclosure in accordance with the provisions of 10 CFR 73.21.

Notice of Issuance will be included in the Commission's Biweekly Federal Register Notice.

Sincerely,

Walter R. Butler

Walter R. Butler, Director
Project Directorate I-2
Division of Reactor Projects I/II
Office of Nuclear Reactor Regulation

Enclosures:
1. Amendment No. 81 to License No. NPF-14
2. Amendment No. 47 to License No. NPF-22
3. Safeguards Evaluation Report

cc w/enclosures:
See next page

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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

PENNSYLVANIA POWER & LIGHT COMPANY

ALLEGHENY ELECTRIC COOPERATIVE, INC.

DOCKET NO. 50-387

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 81
License No. NPF-14

1. The Nuclear Regulatory Commission (the Commission or the NRC) having found that:

   A. The submittals by the Pennsylvania Power & Light Company, dated November 21, 1986 and September 24, 1987 comply with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's regulations set forth in 10 CFR Chapter I;

   B. The facility will operate in conformity with the application, the provisions of the Act, and the regulations of the Commission;

   C. There is reasonable assurance: (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations set forth in 10 CFR Chapter I;

   D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and

   E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.

2. Accordingly, paragraph 2.D of the Facility Operating License No. NPF-14 is hereby amended to read as follows:

   The licensee shall fully implement and maintain in effect all provisions of the Commission-approved physical security, guard training and qualification, and safeguards contingency plans including amendments made pursuant to provisions of the Miscellaneous Amendments and Search Requirements revisions to 10 CFR 73.55 (51 FR 27817 and 27822) and to the authority of 10 CFR 50.90 and 10 CFR 50.54(p). The plans, which contain Safeguards Information protected under 10 CFR 73.21, are entitled: "Susquehanna Steam Electric Station Physical Security Plan," with revisions submitted through

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September 24, 1987; "Susquehanna Steam Electric Station Guard Training and Qualification Plan," with revisions submitted through May 28, 1985; and "Susquehanna Steam Electric Station Safeguards Contingency Plan," with revisions submitted through September 24, 1987. Changes made in accordance with 10 CFR 73.55 shall be implemented in accordance with the schedules set forth therein.

3. This license amendment is effective as of its date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

/s/

Walter R. Butler, Director
Project Directorate I-2
Division of Reactor Projects I/II

Date of Issuance: May 16, 1988

PDI-2/LA	PDI-2/PM	OGC	PDI-2/D
MO'Brien	MThadani:mr		WButler
5/12/88	5/12/88	5/05/88	5/10/88

September 24, 1987; "Susquehanna Steam Electric Station Guard Training and Qualification Plan," with revisions submitted through May 28, 1985; and "Susquehanna Steam Electric Station Safeguards Contingency Plan," with revisions submitted through September 24, 1987. Changes made in accordance with 10 CFR 73.55 shall be implemented in accordance with the schedules set forth therein.

3. This license amendment is effective as of its date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

/s/

Walter R. Butler, Director
Project Directorate I-2
Division of Reactor Projects I/II

Date of Issuance: May 16, 1988

PDI-2/LA	PDI-2/PM	OGC	PDI-2/D
MO'Brien	MThadani:mr		WButler
5/12/88	5/12/88	5/05/88	5/10/88

September 24, 1987; "Susquehanna Steam Electric Station Guard Training and Qualification Plan," with revisions submitted through May 28, 1985; and "Susquehanna Steam Electric Station Safeguards Contingency Plan," with revisions submitted through September 24, 1987. Changes made in accordance with 10 CFR 73.55 shall be implemented in accordance with the schedules set forth therein.

3. This license amendment is effective as of its date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

Walter R. Butler

Walter R. Butler, Director
Project Directorate I-2
Division of Reactor Projects I/II

Date of Issuance: May 16, 1988

UNITED STATES
NUCLEAR REGULATORY COMMISSION
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PENNSYLVANIA POWER & LIGHT COMPANY

ALLEGHENY ELECTRIC COOPERATIVE, INC.

DOCKET NO. 50-388

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 47
License No. NPF-22

1. The Nuclear Regulatory Commission (the Commission or the NRC) having found that:

   A. The submittals by the Pennsylvania Power & Light Company, dated November 21, 1986 and September 24, 1987 comply with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's regulations set forth in 10 CFR Chapter I;

   B. The facility will operate in conformity with the application, the provisions of the Act, and the regulations of the Commission;

   C. There is reasonable assurance: (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations set forth in 10 CFR Chapter I;

   D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and

   E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.

2. Accordingly, paragraph 2.D of the Facility Operating License No. NPF-22 is hereby amended to read as follows:

   The licensee shall fully implement and maintain in effect all provisions of the Commission-approved physical security, guard training and qualification, and safeguards contingency plans including amendments made pursuant to provisions of the Miscellaneous Amendments and Search Requirements revisions to 10 CFR 73.55 (51 FR 27817 and 27822) and to the authority of 10 CFR 50.90 and 10 CFR 50.54(p). The plans, which contain Safeguards Information protected under 10 CFR 73.21, are entitled: "Susquehanna Steam Electric Station Physical Security Plan," with revisions submitted through

September 24, 1987; "Susquehanna Steam Electric Station Guard Training and Qualification Plan," with revisions submitted through May 28, 1985; and "Susquehanna Steam Electric Station Safeguards Contingency Plan," with revisions submitted through September 24, 1987. Changes made in accordance with 10 CFR 73.55 shall be implemented in accordance with the schedules set forth therein.

3. This license amendment is effective as of its date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

/s/

Walter R. Butler, Director
Project Directorate I-2
Division of Reactor Projects I/II

Date of Issuance: May 16, 1988

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MO'Brien	MThadani:mr		WButler
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September 24, 1987; "Susquehanna Steam Electric Station Guard Training and Qualification Plan," with revisions submitted through May 28, 1985; and "Susquehanna Steam Electric Station Safeguards Contingency Plan," with revisions submitted through September 24, 1987. Changes made in accordance with 10 CFR 73.55 shall be implemented in accordance with the schedules set forth therein.

3. This license amendment is effective as of its date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

Walter R. Butler

Walter R. Butler, Director
Project Directorate I-2
Division of Reactor Projects I/II

Date of Issuance: May 16, 1988

September 24, 1987; "Susquehanna Steam Electric Station Guard Training and Qualification Plan," with revisions submitted through May 28, 1985; and "Susquehanna Steam Electric Station Safeguards Contingency Plan," with revisions submitted through September 24, 1987. Changes made in accordance with 10 CFR 73.55 shall be implemented in accordance with the schedules set forth therein.

3. This license amendment is effective as of its date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

/s/

Walter R. Butler, Director
Project Directorate I-2
Division of Reactor Projects I/II

Date of Issuance: May 16, 1988

PDI-2/LA	PDI-2/PM	OGC	PDI-2/D
MO'Brien	MThadani:mr		WButler
5/12/88	5/12/88	5/05/88	5/10/88

UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

SAFEGUARDS EVALUATION REPORT

MISCELLANEOUS AMENDMENTS AND SEARCH REQUIREMENTS

PENNSYLVANIA POWER AND LIGHT COMPANY

SUSQUEHANNA STEAM ELECTRIC STATION, UNITS 1 AND 2

DOCKET NOS. 50-387/388

1.0 Introduction

The Pennsylvania Power and Light Company (PP&L) has filed with the Nuclear Regulatory Commission revisions to their Physical Security Plan for the Susquehanna Steam Electric Station, Units 1 and 2.

This Safeguards Evaluation Report (SGER) summarizes how the licensee proposes to meet the Miscellaneous Amendments and Search Requirements revisions of 10 CFR Part 73.55.

Based on a review of the Physical Security Plan, the staff has concluded that the proposed changes satisfy Miscellaneous Amendments and Search Requirements revisions to 10 CFR 73.55 (51 FR 27817 and 27822) and accompanying 10 CFR 73.70 record reporting requirements. Accordingly, the protection provided will ensure that the public health and safety will not be endangered.

2.0 Personnel Search

The licensee has provided commitments in the Physical Security Plan to provide a search of all individuals entering the protected area except bona fide Federal, State and local law enforcement personnel on official duty, through the use of equipment designed for the detection of firearms, explosives, and incendiary devices. In addition, the licensee has provided commitments to conduct a physical pat-down search of an individual whenever the licensee has cause to suspect that the individual is attempting to introduce firearms, explosives, or incendiary devices into the protected areas; or whenever firearms or explosives detection equipment is out of service or not operating satisfactorily.

3.0 Vital Area Access

PP&L has modified their Susquehanna Steam Electric Station, Units 1 and 2, Physical Security Plan to limit unescorted access to vital areas during non-emergency conditions to individuals who require access in order to perform their duties. PP&L has established current authorization access lists for each vital area which are updated and approved by the cognizant manager or supervisor at least once every 31 days. PP&L has assured that only individuals whose specific duties require access to vital areas during non-emergency conditions are included on their site access list. PP&L has provided further assurance by revoking access and retrieving badges and other entry devices prior to or simultaneously with notification of termination of an individual's unescorted facility access.

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Based upon commitments made by the licensee in revisions to their Physical Security Plan, the staff has concluded that PP&L meets the vital area access requirements of 10 CFR 73.55(d)(7)(i)(A),(B) and (C).

4.0 Locks and Keys

The licensee has committed to providing methods to reduce the probability of compromise of keys, locks, combinations, and related access control devices used to control access to their protected areas and vital areas. These methods include the rotation of keys, locks, combinations, and related access control devices every 12 months or the changing of these devices whenever there is evidence or suspicion that any key, lock, combination or related access control device may have been compromised or when an individual who has had access to any of these devices has had their access terminated due to a lack of trustworthiness, reliability or inadequate work performance. Only persons granted unescorted facility access are issued such entry devices.

Based upon commitments made by the licensee in revisions to their Physical Security Plan, the staff has concluded that PP&L meets the requirements of 10 CFR 73.55(d)(9) to reduce the probability of compromise of keys, locks, combinations, and related access control devices.

5.0 Emergency Access

The licensee has provided commitments to provide for the rapid ingress and egress of individuals during emergency conditions or situations that could lead to emergency conditions by assuring prompt access to vital equipment. A triennial review of their physical security plans and contingency plans and procedures will be conducted to evaluate their potential impact on plant and personnel safety. Emergency access is granted by a licensed senior operator.

Based upon commitments made by the licensee in revisions to their Physical Security Plan, the staff has concluded that PP&L meets the requirements of 10 CFR 73.55 (d)(7)(ii) to assure access to vital equipment during emergencies or situations that may lead to an emergency.

6.0 Protection of Secondary Power Supplies

The licensee has provided commitments to protect the on-site secondary power supply system for alarm annunciator equipment and non-portable communications equipment by including such equipment within a vital area boundary.

Based upon commitments made by the licensee in revisions to their Physical Security Plan, the staff has concluded that PP&L meets the requirements of 10 CFR 73.55(e) in protecting the secondary power supplies of alarm annunciator equipment and non-portable communications equipment.

7.0 Vital Area Entry/Exit Logging

The licensee has committed to maintaining a log indicating name, badge number, time of entry, and time of exit of all individuals granted access to a vital area except those individuals entering or exiting the reactor control room.

Based upon commitments made by the licensee in revisions to their Physical Security Plan, the staff has concluded that PP&L meets the requirements of 10 CFR 73.70(d) by maintaining entry/exit log of individuals accessing vital areas (except the reactor control room).

8.0 Conclusion

Based upon the above evaluation, we find that the licensee has met the requirements of the Miscellaneous Amendments and Search Requirements revision to 10 CFR Part 73.55 and the record keeping requirements of 10 CFR Part 73.70.

Principal Contributor: R. Skelton, NRR

Dated: May 16, 1988