

March 30, 1988

Docket Nos. 50-387/388

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

DISTRIBUTION

Docket File	OGC	BClayton
NRC PDR	DHagan	
LPDR	EJordan	
PDI-2 Rdg.	JPartlow	
SVarga	TBarnhart (8)	
BBoger	Wanda Jones	
WButler	EButcher	
MThadani(4)	RBlough	
DFischer	ACRS (10)	
MO'Brien(3)	CMiles, GPA/PA	
	RDiggs, ARM/LFMB	
	Tech Branch-NTrehan	

Dear Mr. Keiser:

SUBJECT: (TAC NOS. 66703 AND 66704) DIESEL GENERATOR TIMER
TECHNICAL SPECIFICATION CHANGES

RE: SUSQUEHANNA STEAM ELECTRIC STATION, UNITS 1 AND 2

The Commission has issued the enclosed Amendment No. 77 to Facility Operating License No. NPF-14 and Amendment No. 42 to Facility Operating License No. NPF-22 for the Susquehanna Steam Electric Station, Units 1 and 2. These amendments are in response to your letter dated October 15, 1987 as revised October 30, 1987.

These amendments incorporate changes to the Technical Specifications related to diesel generator loading timer.

A copy of our Safety Evaluation is also enclosed. Notice of Issuance will be forwarded to the Office of Federal Register for publication.

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. 77 to License No. NPF-14
2. Amendment No. 42 to License No. NPF-22
3. Safety Evaluation
4. Notice of Issuance

cc w/enclosures:
See next page

PDI-2/PM MThadani:mr 3/15/88 *LB*
 PDI-2/D WButler 3/20/88 *LB*
 OGC 3/17/88 *OC*

8804120157 880330
PDR ADOCK 05000387
P PDR



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555
March 30, 1988

Docket Nos. 50-387/388

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

Dear Mr. Keiser:

SUBJECT: (TAC NOS. 66703 AND 66704) DIESEL GENERATOR LOADING TIMER
TECHNICAL SPECIFICATION CHANGES

RE: SUSQUEHANNA STEAM ELECTRIC STATION, UNITS 1 AND 2

The Commission has issued the enclosed Amendment No. 77 to Facility Operating License No. NPF-14 and Amendment No. 42 to Facility Operating License No. NPF-22 for the Susquehanna Steam Electric Station, Units 1 and 2. These amendments are in response to your letter dated October 15, 1987 as revised October 30, 1987.

These amendments incorporate changes to the Technical Specifications related to diesel generator loading timer.

A copy of our Safety Evaluation is also enclosed. Notice of Issuance will be forwarded to the Office of the Federal Register for publication.

Sincerely,

A handwritten signature in cursive script that reads "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. 77 to License No. NPF-14
2. Amendment No. 42 to License No. NPF-22
3. Safety Evaluation
4. Notice of Issuance

cc w/enclosures:
See next page

Mr. Harold W. Keiser
Pennsylvania Power & Light Company

Susquehanna Steam Electric Station
Units 1 & 2

cc:

Jay Silberg, Esq.
Shaw, Pittman, Potts & Trowbridge
2300 N Street N.W.
Washington, D.C. 20037

Bryan A. Snapp, Esq.
Assistant Corporate Counsel
Pennsylvania Power & Light Company
2 North Ninth Street
Allentown, Pennsylvania 18101

Mr. E. A. Heckman
Licensing Group Supervisor
Pennsylvania Power & Light Company
2 North Ninth Street
Allentown, Pennsylvania 18101

Mr. F. I. Young
Resident Inspector
P.O. Box 52
Shickshinny, Pennsylvania 18655

Mr. R. J. Benich
Services Project Manager
General Electric Company
1000 First Avenue
King of Prussia, Pennsylvania 19406

Mr. Thomas M. Gerusky, Director
Bureau of Radiation Protection
Resources
Commonwealth of Pennsylvania
P. O. Box 2063
Harrisburg, Pennsylvania 17120

Mr. Jesse C. Tilton, III
Allegheny Elec. Cooperative, Inc.
212 Locust Street
P.O. Box 1266
Harrisburg, Pennsylvania 17108-1266

Mr. W. H. Hirst, Manager
Joint Generation
Projects Department
Atlantic Electric
P.O. Box 1500
1199 Black Horse Pike
Pleasantville, New Jersey 08232

Regional Administrator, Region I
U.S. Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, Pennsylvania 19406



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. 77
License No. NPF-14

1. The Nuclear Regulatory Commission (the Commission or the NRC) having found that:
 - A. The application for the amendment filed by the Pennsylvania Power & Light Company, dated October 15, 1987, as revised October 30, 1987, complies 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, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment and paragraph 2.C.(2) of the Facility Operating License No. NPF-14 is hereby amended to read as follows:

(2) Technical Specifications and Environmental Protection Plan

The Technical Specifications contained in Appendix A, as revised through Amendment No. 77 and the Environmental Protection Plan contained in Appendix B, are hereby incorporated in the license. PP&L shall operate the facility in accordance with the Technical Specifications and the Environmental Protection Plan.

BB04120164 880330
PDR ADOCK 05000387
P PDR

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

Attachment:
Changes to the Technical
Specifications

Date of Issuance: March 30, 1988

PDI-2/D
M. Bryen
3/28/88

PDI-2/PM
MThadani
3/15/88

OGC
3/22/88

PDI-2/D
WButler
3/28/88

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

FOR THE NUCLEAR REGULATORY COMMISSION



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

Attachment:
Changes to the Technical
Specifications

Date of Issuance: March 30, 1988

ATTACHMENT TO LICENSE AMENDMENT NO. 77

FACILITY OPERATING LICENSE NO. NPF-14

DOCKET NO. 50-387

Replace the following pages of the Appendix A Technical Specifications with enclosed pages. The revised pages are identified by Amendment number and contain vertical lines indicating the area of change. The overleaf page is provided to maintain document completeness.*

REMOVE

3/4 8-5*
3/4 8-6

INSERT

3/4 8-5*
3/4 8-6

ELECTRICAL POWER SYSTEM

SURVEILLANCE REQUIREMENTS (Continued)

6. Simulating a loss-of-offsite power in conjunction with an ECCS actuation test signal, and:
 - a) Verifying deenergization of the emergency busses and load shedding from the emergency busses.
 - b) Verifying the diesel generator starts on the auto-start signal, energizes the emergency busses with permanently connected loads within 10 seconds, energizes the auto-connected loads through the load timers and operates for greater than or equal to 5 minutes while its generator is loaded with the emergency loads. After energization, the steady state voltage and frequency of the emergency busses shall be maintained at 4160 ± 400 volts and 60 ± 3.0 Hz during this test.
 - c) Verifying that all automatic diesel generator trips, except engine overspeed, generator differential and engine low lube oil pressure, are automatically bypassed upon loss of voltage on the emergency bus concurrent with an ECCS actuation signal.

7. Verifying with at least one unit in OPERATIONAL CONDITION 4 or 5 that the diesel generator operates for at least 24 hours. During the first 2 hours of this test, the diesel generator shall be loaded to greater than or equal to 4700 kW and during the remaining 22 hours of this test, the diesel generator shall be loaded to 4000 kW. The generator voltage and frequency shall be 4160 ± 400 volts and 60 ± 3.0 Hz within 10 seconds after the start signal; the steady state generator voltage and frequency shall be maintained within these limits during this test.

8. Verify the hot restart capability of the diesel by verifying the diesel generator starts on the auto-start signal, energizes the emergency busses with permanently connected loads within 10 seconds and operates for greater than or equal to 5 minutes while its generator is loaded with the shutdown loads. After energization, the steady state voltage and frequency of the emergency busses shall be maintained at 4160 ± 400 volts and 60 ± 3.0 Hz during this test. This test shall be performed within 5 minutes of completing a one hour run at 4000 KW or within 5 minutes after operating temperatures have stabilized at a load of 4000 KW.

9. Verifying that the auto-connected loads to each diesel generator do not exceed the 2000-hour rating of 4700 kW.

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, 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.



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

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. 42
License No. NPF-22

1. The Nuclear Regulatory Commission (the Commission or the NRC) having found that:
 - A. The application for the amendment filed by the Pennsylvania Power & Light Company, dated October 15, 1987, as revised October 30, 1987, complies 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, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment and paragraph 2.C.(2) of the Facility Operating License No. NPF-22 is hereby amended to read as follows:

(2) Technical Specifications and Environmental Protection Plan

The Technical Specifications contained in Appendix A, as revised through Amendment No. 42 and the Environmental Protection Plan contained in Appendix B, are hereby incorporated in the license. PP&L shall operate the facility in accordance with the Technical Specifications and the Environmental Protection Plan.

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

Attachment:
Changes to the Technical
Specifications

Date of Issuance: March 30, 1988

VR
MO Bryen
3/28/88

Mer
PDI-2/PM
MThadani
3/23/88

OGC *AC*
3/23/88

PDI-2/D *WB*
WButler
3/28/88

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

FOR THE NUCLEAR REGULATORY COMMISSION



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

Attachment:
Changes to the Technical
Specifications

Date of Issuance: March 30, 1988

ATTACHMENT TO LICENSE AMENDMENT NO. 42

FACILITY OPERATING LICENSE NO. NPF-22

DOCKET NO. 50-388

Replace the following pages of the Appendix A Technical Specifications with enclosed pages. The revised pages are identified by Amendment number and contain vertical lines indicating the area of change. The overleaf page is provided to maintain document completeness.*

REMOVE

3/4 8-5*
3/4 8-6

INSERT

3/4 8-5*
3/4 8-6

ELECTRICAL POWER SYSTEMS

SURVEILLANCE REQUIREMENTS (Continued)

6. Simulating a loss-of-offsite power in conjunction with an ECCS actuation test signal, and;
 - a) Verifying deenergization of the emergency busses and load shedding from the emergency busses.
 - b) Verifying the diesel generator starts on the auto-start signal, energizes the emergency busses with permanently connected loads within 10 seconds, energizes the auto-connected loads through the load timers and operates for greater than or equal to 5 minutes while its generator is loaded with the emergency loads. After energization, the steady state voltage and frequency of the emergency busses shall be maintained at 4160 ± 400 volts and 60 ± 3.0 Hz during this test.
 - c) Verifying that all automatic diesel generator trips, except engine overspeed, generator differential and engine low lube oil pressure, are automatically bypassed upon loss of voltage on the emergency bus concurrent with an ECCS actuation signal.
7. Verifying with at least one unit in OPERATIONAL CONDITION 4 or 5 that the diesel generator operates for at least 24 hours. During the first 2 hours of this test, the diesel generator shall be loaded to greater than or equal to 4700 kw and during the remaining 22 hours of this test, the diesel generator shall be loaded to 4000 kW. The generator voltage and frequency shall be 4160 ± 400 volts and 60 ± 3.0 Hz within 10 seconds after the start signal; the steady state generator voltage and frequency shall be maintained within these limits during this test.
8. Verify the hot restart capability of the diesel by verifying the diesel generator starts on the auto-start signal, energizes the emergency busses with permanently connected loads within 10 seconds and operates for greater than or equal to 5 minutes while its generator is loaded with the shutdown loads. After energization, the steady state voltage and frequency of the emergency busses shall be maintained at 4160 ± 400 volts and 60 ± 3.0 hz during this test. This test shall be performed within 5 minutes of completing a one hour run at 4000 KW or within 5 minutes after operating temperatures have stabilized at a load of 4000 KW.
9. Verifying that the auto-connected loads to each diesel generator do not exceed the 2000-hour rating of 4700 kW.
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,

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, 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.



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

SUPPORTING AMENDMENT NO. 77 TO FACILITY OPERATING LICENSE NO. NPF-14 AND

AMENDMENT NO. 42 TO FACILITY OPERATING LICENSE NO. NPF-22

PENNSYLVANIA POWER & LIGHT COMPANY

ALLEGHENY ELECTRIC COOPERATIVE, INC.

DOCKET NOS. 50-387 AND 50-388

SUSQUEHANNA STEAM ELECTRIC STATION, UNITS 1 AND 2

1.0 INTRODUCTION

By letter dated October 15, 1987, as revised October 30, 1987, Pennsylvania Power & Light Company requested amendments to Facility Operating License Nos. NPF-14 and NPF-22 for the Susquehanna Steam Electric Station, Units 1 and 2. The proposed amendments would change Technical Specifications 4.8.1.1.2.d.12 and 4.8.1.1.3.d.12 to allow adjustment of required tolerance for diesel generator loading timers associated with residual heat removal (RHR) pumps. Technical Specification 4.8.1.1.2.d.12 Table 4.8.1.1.2-2 requires the setpoint to be within $\pm 10\%$ of its design setpoint. The licensee is experiencing difficulty in meeting the upper (+10%) side of the setpoint tolerance in case of RHR pump timers and has requested to change it to +20%.

2.0 EVALUATION

The licensee proposed a change to Table 4.8.1.1.2-2 to allow adjustment to upper (+10%) side of the setpoint tolerance for the RHR pump timers. The RHR and core spray pump timers are normally set at 3.0 and 10.5 seconds, respectively, with a +10% margin on pickup. With the proposed change to +20% in place for the RHR timers, the worst case scenario would have the RHR pump starting at $3.0 + 0.6 = 3.6$ seconds and the core spray pump starting at $10.5 - 1.1 = 9.4$ seconds. This provides a 5.8 second ($9.4 - 3.6$ seconds) window for the RHR pump to start. The licensee states that 100% voltage for the RHR pump is reached 2.6 seconds after the RHR pump starts. The start time for the RHR pump at 100% voltage is 2.7 seconds. Therefore, the worst case start time for the RHR pump is $2.6 + 2.7 = 5.3$ seconds. Comparing the start time of the RHR pump (5.3 seconds) with the available window (5.8 seconds) provides a 0.5 second margin to avoid an undervoltage trip. The staff has evaluated the licensee's submittal and has found that the licensee has given sufficient justification for changing the upper tolerance of the RHR timer from +10% to +20% and, therefore, the change is acceptable.

8804120170 880330
PDR ADOCK 05000387
P PDR

3.0 ENVIRONMENTAL CONSIDERATION

Pursuant to 10 CFR 51.32, an environmental assessment has been published (53 FR 10308) in the Federal Register on March 30, 1988 . Accordingly, the Commission has determined that the issuance of this amendment will not result in any environmental impacts other than those evaluated in the Final Environmental Statement.

4.0 CONCLUSION

The Commission has issued a Notice of Consideration of Issuance of Amendment to Facility Operating License and Opportunity for Prior Hearing which was published in the Federal Register (53 FR 2554) on January 28, 1988. No request for hearing or petition for leave to intervene was filed following this notice.

The staff has concluded, based on the considerations discussed above, that: (1) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and (2) such activities 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 nor to the health and safety of the public.

Principal Contributor: N. Trehan

Dated: March 30, 1988

UNITED STATES NUCLEAR REGULATORY COMMISSIONPENNSYLVANIA POWER AND LIGHT COMPANYDOCKET NOS. 50-387 AND 50-388NOTICE OF ISSUANCE OF AMENDMENTS TOFACILITY OPERATING LICENSES

The U.S. Nuclear Regulatory Commission (Commission) has issued Amendment No. 77 to Facility Operating License No. NPF-14 and Amendment No. 42 to Facility Operating License No. NPF-22, issued to Pennsylvania Power and Light Company (the licensee), which revised the Technical Specifications for operation of the Susquehanna Steam Electric Station, Units 1 and 2, located in Luzerne County, Pennsylvania.

The amendments were effective as of the date of issuance.

The amendments modified the Technical Specifications to incorporate changes related to diesel generator loading timer.

The application for the amendments complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations. The Commission has made appropriate findings as required by the Act and the Commission's rules and regulations in 10 CFR Chapter I, which are set forth in the license amendments.

Notice of Consideration of Issuance of Amendments and Opportunity for Prior Hearing in connection with this action was published in the FEDERAL REGISTER on January 28, 1988 (53 FR 2554). No request for a hearing or petition for leave to intervene was filed following this notice.

8804110279-1A

The Commission has prepared an Environmental Assessment related to the action and has concluded that an environmental impact statement is not warranted because there will be no environmental impact attributable to the action beyond that which has been predicted and described in the Commission's Final Environmental Statement for the facility dated June 1981.

For further details with respect to the action see (1) the application for amendments dated October 15, 1987, as revised October 30, 1987, (2) Amendment No. 77 to License No. NPF-14, (3) Amendment No. 42 to License No. NPF-22, and (4) the Commission's related Safety Evaluation and Environmental Assessment. All of these items are available for public inspection at the Commission's Public Document Room, 1717 H Street N.W., and at the Osterhout Free Library, Reference Department, 71 South Franklin Street, Wilkes-Barre, Pennsylvania 18701. A copy of items (2), (3) and (4) may be obtained upon request addressed to the U.S. Nuclear Regulatory Commission, Washington, D.C. 20555, Attention: Director, Division of Reactor Projects I/II.

Dated at Rockville, Maryland this 30th day of March 1988.

FOR THE NUCLEAR REGULATORY COMMISSION



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