September 8, 1991

Docket Nos. 50-352 and 50-353

> Mr. George A. Hunger, Jr. Director-Licensing, MC 52A-5 PECO Energy Company Nuclear Group Headquarters Correspondence Control Desk P.O. Box No. 195 Wayne, Pennsylvania 19087-0195

Dear Mr. Hunger:

SUBJECT: RELOCATION OF CERTAIN TECHNICAL SPECIFICATIONS TO CORE OPERATING LIMITS REPORT, LIMERICK GENERATING STATION, UNITS 1 AND 2 (TAC NOS. M89916 AND M89917)

The Commission has issued the enclosed Amendment No. 77 to Facility Operating License No. NPF-39 and Amendment No. 38 to Facility Operating License No. NPF-85 for the Limerick Generating Station, Units 1 and 2. These amendments consist of changes to the Technical Specifications (TS) in response to your application dated June 30, 1994.

These amendments relocate selected recirculation and control rod block instrumentation setpoints from Technical Specifications (TS) Table 3.3.6-2, and Section 3/4.4.1 to the Core Operating Limits Report (COLR), thereby revising TS Section 6.9.1.9 to document relocation of these items into the COLR. Please inform the staff, in writing, when these amendments have been implemented.

A copy of our Safety Evaluation is also enclosed. Notice of Issuance will be included in the Commission's biweekly <u>Federal</u> <u>Register</u> notice.

Sincerely, /S/ Frank Rinaldi, Project Manager Project Directorate I-2 9409200158 940908 PDR Division of Reactor Projects - I/II ADOCK 05000352 Office of Nuclear Reactor Regulation PDR Enclosures: Amendment No. 77 to 1 License No. NPF-39 Amendment No. 38 to License No. NPF-85 NRC FILE GENTER COPY 2. Safety Evaluation cc w/enclosures: See next page DISTRIBUTION: CGrimes. 11E21 Docket File MO'Brien(2) JWermiel NRC & Local PDRs FRinaldi/TLiu ACRS(10)PDI-2 Reading OGC DHagan, 3206 OPA SVarga CMiller OC/LFDCB GHill(4), P1-22 CAnderson, RGN-I MThadani EWenzinger, RGN-I **OFC** :PDI-2/PE :PDI-2/PM :HICB NAME :TLitt:tlc :FRinadi :JWermie hmano /94 12494 DATE

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UNITED STATES NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

September 8, 1994

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These amendments relocate selected recirculation and control rod block instrumentation setpoints from Technical Specifications (TS) Table 3.3.6-2, and Section 3/4.4.1 to the Core Operating Limits Report (COLR), thereby revising TS Section 6.9.1.9 to document relocation of these items into the COLR. Please inform the staff, in writing, when these amendments have been implemented.

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Sincerely,

Jank Munda.

Frank Rinaldi, Project Manager Project Directorate I-2 Division of Reactor Projects - I/II Office of Nuclear Reactor Regulation

Enclosures:

- 1. Amendment No. 77 to License No. NPF-39 Amendment No. 38 to License No. NPF-85
- 2. Safety Evaluation

cc w/enclosures: See next page Mr. George A. Hunger, Jr. PECO Energy Company

cc:

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

Mr. Neil S. Perry Senior Resident Inspector US Nuclear Regulatory Commission P. O. Box 596 Pottstown, Pennsylvania 19464

Mr. Craig L. Adams Superintendent - Services Limerick Generating Station P.O. Box A Sanatoga, Pennsylvania 19464 Limerick Generating Station, Units 1 & 2

Mr. Rich R. Janati, Chief Division of Nuclear Safety PA Dept. of Environmental Resources P. O. Box 8469 Harrisburg, Pennsylvania 17105-8469

Mr. James A. Muntz Superintendent-Technical Limerick Generating Station P. O. Box A Sanatoga, Pennsylvania 19464

Mr. James L. Kantner Manager-Experience Assessment Limerick Generating Station P. O. Box A Sanatoga, Pennsylvania 19464

Library US Nuclear Regulatory Commission Region I 475 Allendale Road King of Prussia, PA 19406

Mr. Larry Hopkins Superintendent-Operations Limerick Generating Station P. O. Box A Sanatoga, Pennsylvania 19464

Mr. John Doering, Chairman Nuclear Review Board PECO Energy Company 965 Chesterbrook Boulevard Mail Code 63C-5 Wayne, Pennsylvania 19087



UNITED STATES NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

PHILADELPHIA ELECTRIC COMPANY

DOCKET NO. 50-352

LIMERICK GENERATING STATION, UNIT 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 77 License No. NPF-39

- 1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by Philadelphia Electric Company (the licensee) dated June 30, 1994, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and 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 rules and 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;
 - 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.

9409200169 940908 PDR ADDCK 05000352 PDR 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 Facility Operating License No. NPF-39 is hereby amended to read as follows:

Technical Specifications

The Technical Specifications contained in Appendix A and the Environmental Protection Plan contained in Appendix B, as revised through Amendment No. 77, are hereby incorporated into this license. Philadelphia Electric Company 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

Nohan COlli

Mohan C. Thadani, Acting Director Project Directorate I-2 Division of Reactor Projects - I/II Office of Nuclear Reactor Regulation

Attachment: Changes to the Technical Specifications

Date of Issuance: September 8, 1994

ATTACHMENT TO LICENSE AMENDMENT NO. 77

FACILITY OPERATING LICENSE NO. NPF-39

DOCKET NO. 50-352

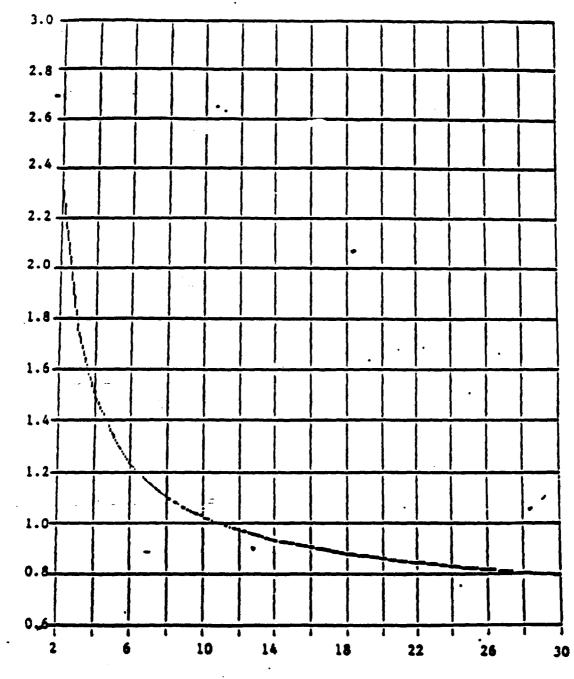
Replace the following pages of the Appendix A Technical Specifications with the attached pages. The revised pages are identified by Amendment number and contain vertical lines indicating the area of change. Overleaf pages are provided to maintain document completeness.*

Remove	Insert
3/4 3-60a	3/4 3-60a
3/4 3-60b	3/4 3-60b*
3/4_4-2	3/4_4-2
6-18a	6-18a
-	-

TABLE 3.3.6-2 (continued)				
CONTROL ROD BLOCK INSTRUMENTATION SETPOINTS				
TRIP	FUNCTION	TRIP_SETPOINT	ALLOWABLE VALUE	
6.	6. <u>REACTOR COOLANT SYSTEM RECIRCULATION</u> <u>FLOW</u>			
	a. Upscale b. Inoperative c. Comparator	* N.A ≤ 10% flow deviation	* N.A. ≤ 11% flow deviation	
7.	<u>REACTOR MODE SWITCH SHUTDOWN</u> POSITION	N.A.	N.A.	

- * Refer to the COLR for these setpoints.
- ** May be reduced provided the Source Range Monitor has an observed count rate and signal-to-noise ratio on or above the curve shown in Figure 3.3.6-1.
- *** Equivalent to 13 gallons/scram discharge volume.
- (a) There are three upscale trip levels. Each is applicable only over its specified operating core thermal power range. All RBM trips are automatically bypassed below the low power setpoint (LPSP). The upscale LTSP is applied between the low power setpoint (LPSP) and the intermediate power setpoint (IPSP). The upscale ITSP is applied between the intermediate power setpoint and the high power setpoint (HPSP). The HTSP is applied above the high power setpoint.
- (b) Power range setpoints control enforcement of appropriate upscale trips over the proper core thermal power ranges. The power signal to the RBM is provided by the APRM.

SRM COUNT RATE (CPS)



SIGNAL TO NOISE RATIO

SRM COUNT RATE VERSUS SIGNAL TO NOISE RATIO

FIGURE 3.3.6-1

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Limerick - Unit 1

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Amendment No. 34 DEC 13 1989

REACTOR COOLANT SYSTEM

SURVEILLANCE REQUIREMENTS

4.4.1.1.1 DELETED

4.4.1.1.2 Each pump MG set scoop tube mechanical and electrical stop shall be demonstrated OPERABLE with overspeed setpoints less than or equal to the setpoints as noted in the CORE OPERATING LIMITS REPORT, as a percentage of rated core flow, at least once per 24 months.

4.4.1.1.3 Establish a baseline APRM and LPRM** neutron flux noise value within the regions for which monitoring is required (Specification 3.4.1.1, ACTION c) within 2 hours of entering the region for which monitoring is required unless baselining has previously been performed in the region since the last refueling outage.

4.4.1.1.4 With one reactor coolant system recirculation loop not in operation, at least once per 12 hours verify that:

- a. Reactor THERMAL POWER is \leq 70% of RATED THERMAL POWER,
- b. The recirculation flow control system is in the Local Manual mode, and
- c. The speed of the operating recirculation pump is \leq 90% of rated pump speed.
- d. Core flow is greater than 39% when THERMAL POWER is within the restricted zone of Figure 3.4.1.1-1.

4.4.1.1.5 With one reactor coolant system recirculation loop not in operation, within 15 minutes prior to either THERMAL POWER increase or recirculation loop flow increase, verify that the following differential temperature requirements are met if THERMAL POWER is \leq 30% of RATED THERMAL POWER or the recirculation loop flow in the operating recirculation loop is \leq 50% of rated loop flow.

- a. \leq 145°F between reactor vessel steam space coolant and bottom head drain line coolant,
- b. \leq 50°F between the reactor coolant within the loop not in operation and the coolant in the reactor pressure vessel, and
- c. \leq 50°F between the reactor coolant within the loop not in operation and the operating loop.

The differential temperature requirements of Specification 4.4.1.1.5b. and c. do not apply when the loop not in operation is isolated from the reactor pressure vessel.

^{**}Detector levels A and C of one LPRM string per core octant plus detectors A and C of one LPRM string in the center of the core should be monitored.

ADMINISTRATIVE CONTROLS

CORE OPERATING LIMITS REPORT

6.9.1.9 Core Operating Limits shall be established prior to each reload cycle, or prior to any remaining portion of a reload cycle, and shall be documented in the CORE OPERATING LIMITS REPORT for the following:

- a. The AVERAGE PLANAR LINEAR HEAT GENERATION RATE (APLHGR) for Specification 3.2.1,
- b. MAPFAC(P) and MAPFAC(F) factors for Specification 3.2.1,
- c. The MINIMUM CRITICAL POWER RATIO (MCPR) for Specification 3.2.3,
- d. The MCPR(P) and MCPR(F) adjustment factors for specification 3.2.3,
- e. The LINEAR HEAT GENERATION RATE (LHGR) for Specification 3.2.4,
- f. The power biased Rod Block Monitor setpoints and the Rod Block Monitor MCPR OPERABILITY limits of Specification 3.3.6,
- g. The Reactor Coolant System Recirculation Flow upscale trip setpoint and allowable value for Specification 3.3.6,
- h. The Recirculation MG set mechanical and electrical overspeed stop setpoints for Specification 4.4.1.1.2.

6.9.1.10 The analytical methods used to determine the core operating limits shall be those previously reviewed and approved by the NRC, specifically those described in the following document:

a. NEDE-24011-P-A "General Electric Standard Application for Reactor Fuel" (Latest approved revision).

6.9.1.11 The core operating limits shall be determined such that all applicable limits (e.g., fuel thermal-mechanical limits, core thermal-hydraulic limits, ECCS limits, nuclear limits such as SHUTDOWN MARGIN, transient analysis limits, and accident analysis limits) of the safety analysis are met.

6.9.1.12 The CORE OPERATING LIMITS REPORT, including any mid-cycle revisions or supplements, shall be provided upon issuance for each reload cycle to the NRC Document Control Desk with copies to the Regional Administrator and Resident Inspector.

SPECIAL REPORTS

6.9.2 Special reports shall be submitted to the Regional Administrator of the Regional Office of the NRC within the time period specified for each report.



UNITED STATES NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

PHILADELPHIA ELECTRIC COMPANY

DOCKET NO. 50-353

LIMERICK GENERATING STATION, UNIT 2

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 38 License No. NPF-85

- 1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by Philadelphia Electric Company (the licensee) dated June 30, 1994, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and 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 rules and 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;
 - 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.

 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 Facility Operating License No. NPF-85 is hereby amended to read as follows:

Technical Specifications

The Technical Specifications contained in Appendix A and the Environmental Protection Plan contained in Appendix B, as revised through Amendment No. 38, are hereby incorporated into this license. Philadelphia Electric Company 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

Mohan Mu Dani

Mohan C. Thadani, Acting Director Project Directorate I-2 Division of Reactor Projects - I/II Office of Nuclear Reactor Regulation

Attachment: Changes to the Technical Specifications

Date of Issuance: September 8, 1994

- 2 -

ATTACHMENT TO LICENSE AMENDMENT NO. 38

FACILITY OPERATING LICENSE NO. NPF-39

DOCKET NO. 50-352

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

<u>Remove</u>	Insert	
3/4 3-60a	3/4 3-60a	
3/4 3-60b	3/4 3-60b*	
3/4 4-1a	3/4 4-1a*	
3/4 4-2	3/4 4-2	
6-18a	6-18a -	

TABLE 3.3.6-2 (Continued)

CONTROL ROD BLOCK INSTRUMENTATION SETPOINTS TRIP SETPOINT ALLOWABLE VALUE TRIP FUNCTION INTERMEDIATE RANGE MONITORS 4. N.A. Detector not full in N.A. а. \leq 108/125 divisions of \leq 110/125 divisions of Upscale b. full scale full scale N.A. N.A. Inoperative с. \geq 3/125 divisions of full \geq 5/125 divisions of full Downscale d. scale scale 5. SCRAM DISCHARGE VOLUME \leq 257' 7 3/8" elevation*** \leq 257" 9 3/8" elevation Water Level-High а. a. Float Switch REACTOR COOLANT SYSTEM RECIRCULATION 6. FLOW ***** ***** Upscale а. N.A. N.A. Inoperative b. < 11% flow deviation < 10% flow deviation Comparator с. REACTOR MODE SWITCH SHUTDOWN 7. N.A. POSITION N.A.

Amendment No. 3, 4,

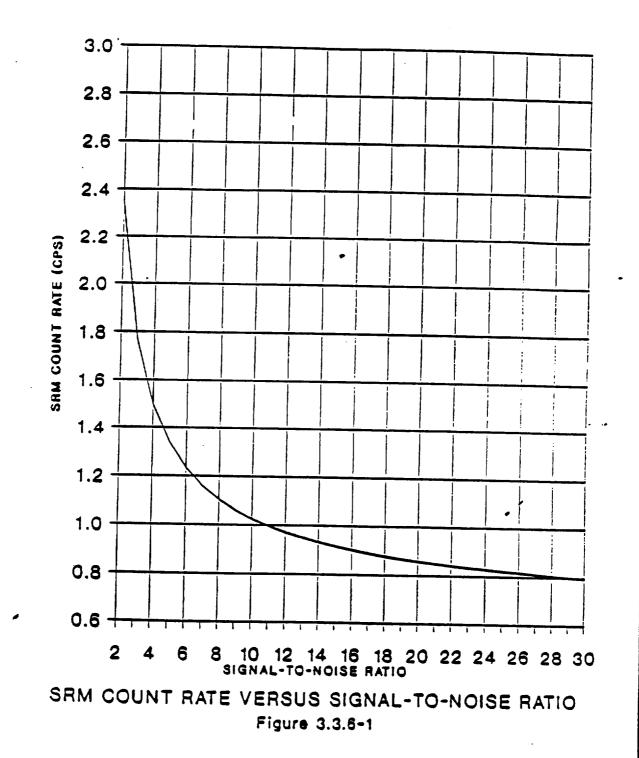
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LIMERICK - UNIT

N

3/4 3-60a

- * The rod block function varies as a function of recirculation loop drive flow (W). The trip setting of the average power range monitor rod block function must be maintained in accordance with Specification 3.2.2.
- ** May be reduced, provided the source range monitor has an observed count rate and signal-to-noise ratio on or above the curve shown in Figure 3.3.6-1.
- *** Equivalent to 13.56 gallons/scram discharge volume.
- **** The value of N is shown in the CORE OPERATING LIMITS REPORT in accordance with Specifications 6.9.1.9 thru 6.9.1.12.
 - ***** Refer to COLR for these setpoints.



LIMERICK - UNIT 2

3/4 3-606

Amendment No. 3

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REACTOR COOLANT SYSTEM

LIMITING CONDITION FOR OPERATION (Continued)

ACTION: (Continued)

2. With 6 hours:

Reduce the average power range monitor (APRM) scram and rod block, and rod block monitor Trip Setpoints and Allowable Values, to those applicable for single recirculation loop operation, er Specifications 2.2.1, 3.2.2, and 3.3.6, or declare the associated channel(s) inoperable and take the actions required by the referenced specifications, and,

- 3. The provisions of Specification 3.0.4 are not applicable.
- 4. Otherwise be in at least HOT SHUTDOWN within the next 12 hours.
- b. With no reactor coolant system recirculation loops in operation, immediately initiate action to reduce THERMAL POWER such that it is not within the restricted zone of Figure 3.4.1.1-1 within 2 hours, and initiate measures to place the unit in at least STARTUP within 6 hours and in HOT SHUTDOWN within the next 6 hours.
- c. With one or two reactor coolant system recirculation loops in operation and total core flow less than 45% but greater than 39% of rated core flow and THERMAL POWER within the restricted zone of Figure 3.4.1.1-1:
 - Determine the APRM and LPRM** noise levels (Surveillance 4.4.1.1.3):
 - a. At least once per 8 hours, and
 - b. Within 30 minutes after the completion of a THERMAL POWER increase of at least 5% of RATED THERMAL POWER.
 - 2. With the APRM or LPRM** neutron flux noise levels greater than three times their established baseline noise levels, within 15 minutes initiate corrective action to restore the noise levels within the required limits within 2 hours by increasing core flow or by reducing THERMAL POWER.
- d. With one or two reactor coolant system recirculation loops in operation and total core flow less than or equal to 39% and THERMAL POWER within the restricted zone of Figure 3.4.1.1-1, within 15 minutes initiate corrective action to reduce THERMAL POWER to within the unrestricted zone of Figure 3.4.1.1-1 or increase core flow to greater than 39% within 4 hours.

^{**}Detector levels A and C of one LPRM string per core octant plus detectors A and C of one LPRM string in the center of the core should be monitored.

REACTOR COOLANT SYSTEM

SURVEILLANCE REQUIREMENTS

4.4.1.1.1 DELETED

4.4.1.1.2 Each pump MG set scoop tube mechanical and electrical stop shall be demonstrated OPERABLE with overspeed setpoints less than or equal to the setpoints as noted in the CORE OPERATING LIMITS REPORT, as a percentage of rated core flow, at least once per 24 months.

4.4.1.1.3 Establish a baseline APRM and LPRM** neutron flux noise value within the regions for which monitoring is required (Specification 3.4.1.1, ACTION c) within 2 hours of entering the region for which monitoring is required unless baselining has previously been performed in the region since the last refueling outage.

4.4.1.1.4 With one reactor coolant system recirculation loop not in operation, at least once per 12 hours verify that:

- a. Reactor THERMAL POWER is \leq 70% of RATED THERMAL POWER,
- b. The recirculation flow control system is in the Local Manual mode, and
- c. The speed of the operating recirculation pump is \leq 90% of rated pump speed.
- d. Core flow is greater than 39% when THERMAL POWER is within the restricted zone of Figure 3.4.1.1-1.

4.4.1.1.5 With one reactor coolant system recirculation loop not in operation, within 15 minutes prior to either THERMAL POWER increase or recirculation loop flow increase, verify that the following differential temperature requirements are met if THERMAL POWER is \leq 30% of RATED THERMAL POWER or the recirculation loop flow in the operating recirculation loop is \leq 50% of rated loop flow.

- a. \leq 145°F between reactor vessel steam space coolant and bottom head drain line coolant,
- b. \leq 50°F between the reactor coolant within the loop not in operation and the coolant in the reactor pressure vessel, and
- c. \leq 50°F between the reactor coolant within the loop not in operation and the operating loop.

The differential temperature requirements of Specification 4.4.1.1.5b. and c. do not apply when the loop not in operation is isolated from the reactor pressure vessel.

^{**}Detector levels A and C of one LPRM string per core octant plus detectors A and C of one LPRM string in the center of the core should be monitored.

ADMINISTRATIVE CONTROLS

CORE OPERATING LIMITS REPORT

6.9.1.9 Core Operating Limits shall be established prior to each reload cycle, or prior to any remaining portion of a reload cycle, and shall be documented in the CORE OPERATING LIMITS REPORT for the following:

- a. The AVERAGE PLANAR LINEAR HEAT GENERATION RATE (APLHGR) for Specification 3.2.1,
- b. The MINIMUM CRITICAL POWER RATIO (MCPR) for Specification 3.2.3,
- c. The K, core flow adjustment factor for specification 3.2.3,
- d. The LINEAR HEAT GENERATION RATE (LHGR) for Specification 3.2.4,
- e. The upscale flow biased Rod Block Monitor setpoint and the upscale high flow clamped Rod Block monitor setpoint of Specification 3.3.6,
- f. The Reactor Coolant System Recirculation Flow upscale trip setpoint and allowable value for Specification 3.3.6,
- g. The Recirculation MG set mechanical and electrical overspeed stop setpoints for Specification 4.4.1.1.2.

6.9.1.10 The analytical methods used to determine the core operating limits shall be those previously reviewed and approved by the NRC, specifically those described in the following document:

a. NEDE-24011-P-A "General Electric Standard Application for Reactor Fuel" (Latest approved revision).

6.9.1.11 The core operating limits shall be determined such that all applicable limits (e.g., fuel thermal-mechanical limits, core thermal-hydraulic limits, ECCS limits, nuclear limits such as SHUTDOWN MARGIN, transient analysis limits, and accident analysis limits) of the safety analysis are met.

6.9.1.12 The CORE OPERATING LIMITS REPORT, including any mid-cycle revisions or supplements, shall be provided upon issuance for each reload cycle to the NRC Document Control Desk with copies to the Regional Administrator and Resident Inspector.

SPECIAL REPORTS

6.9.2 Special reports shall be submitted to the Regional Administrator of the Regional Office of the NRC within the time period specified for each report.



UNITED STATES NUCLEAR REGULATORY COMMISSION WASHINGTON, D.C. 20555-0001

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

RELATED TO AMENDMENT NOS. 77 AND 38 TO FACILITY OPERATING

LICENSE NOS. NPF-39 AND NPF-85

PECO ENERGY COMPANY

LIMERICK GENERATING STATION, UNITS 1 AND 2

DOCKET NOS. 50-352 AND 50-353

1.0 INTRODUCTION

By letter dated June 30, 1994, the PECO Energy Company (the licensee) submitted a request for changes to the Limerick Generating Station, Units 1 and 2, Technical Specifications (TS). The requested changes would relocate selected recirculation and control rod block instrumentation setpoints from Technical Specifications (TS) Table 3.3.6-2, and Section 3/4.4.1 to the Core Operating Limits Report (COLR), thereby revising TS Section 6.9.1.9 to document relocation of these items into the COLR.

2.0 EVALUATION

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PDR

The licensee has proposed the following for TS change and document relocation:

- Relocate the setpoint values for the recirculation pump Motor-Generator (MG) set mechanical and electrical stops and the control rod block instrumentation reactor coolant system recirculation flow upscale trip in TS Section 3/4.4.1, "Recirculation System -Recirculation Loops," paragraph 4.4.1.1.2 to the COLR;
- Revise TS Table 3.3.6-2, "Control Rod Block Instrumentation Setpoints," to remove the trip setpoint and allowable value for the Reactor Coolant System Recirculation Flow - Upscale from the TS and to refer to COLR for these setpoints;
- 3. Add paragraphs g. and h. to Unit 1 TS Section 6.9.1.9 to document the relocation of the recirculation pump MG set mechanical and electrical overspeed stop setpoints from TS Section 3.3.6-2 into the COLR, and add identical paragraphs, except labeled as f. and g., respectively, to Unit 2 TS Section 6.9.1.9.

No physical changes are being made to the plant equipment and systems as a result of the proposed changes. Also, the relocation of certain recirculation and control rod block instrumentation setpoints from the TS to COLR does not impact the associated TS Limiting Conditions for Operation surveillance requirements and setpoint values. The proposed changes are administrative in nature.

The subject setpoint values will become cycle dependent and will be determined by NRC-approved methods, as are the balance of setpoints and thermal limits found in the COLR. However, the subject setpoint values are not modified as part of this TS change. Therefore, the staff concludes that as a result of the proposed TS changes, these changes do not affect the existing accident analyses or design assumptions, nor will they have any impacts on the safety limits. By relocating these setpoint values to the COLR, the licensee will be allowed to make cycle dependent changes without a TS amendment request. Furthermore, the setpoint values can be changed from cycle to cycle and within an operating cycle to maximize thermal margins. Based on the above evaluation, the staff finds the proposed changes to be acceptable.

3.0 STATE CONSULTATION

In accordance with the Commission's regulations, the Pennsylvania State official was notified of the proposed issuance of the amendments. The State official had no comments.

4.0 ENVIRONMENTAL CONSIDERATION

The amendments change a requirement with respect to installation or use of a facility component located within the restricted area as defined in 10 CFR Part 20 and change the Surveillance Requirements. The amendments also relate to changes in recordkeeping, reporting, or administrative procedures or requirements. The NRC has determined that the amendments involve no significant increase in the amounts, and no significant change in the types, of any effluents that may be released offsite, and that there is no significant increase in individual or cumulative occupational radiation exposure. The Commission has previously issued a proposed finding that the amendments involve no significant hazards consideration, and there has been no public comment on such finding (59 FR 39595). Accordingly, the amendments meet the eligibility criteria for categorical exclusion set forth in 10 CFR 51.22(c)(9) and (10). Pursuant to 10 CFR 51.22(b), no environmental impact statement or environmental assessment need be prepared in connection with the issuance of the amendments.

5.0 <u>CONCLUSION</u>

The Commission 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, (2) such activities will be conducted in compliance with the Commission's regulations, and (3) the issuance of the amendments will not be inimical to the common defense and security or to the health and safety of the public.

Principal Contributor: T. Liu

Date: September 8, 1994

- 2 -