

November 14, 1990

Docket Nos. 50-498
and 50-499

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Mr. Donald P. Hall
Group Vice-President, Nuclear
Houston Lighting & Power Company
P. O. Box 1700
Houston, Texas 77251

Dear Mr. Hall:

SUBJECT: ISSUANCE OF AMENDMENT NOS. 20 AND 10 TO FACILITY OPERATING
LICENSE NOS. NPF-76 AND NPF-80 - SOUTH TEXAS PROJECT, UNITS 1
AND 2 (TAC NOS. 75616 AND 75617)

The Commission has issued the enclosed Amendment Nos. 20 and 10 to Facility
Operating License Nos. NPF-76 and NPF-80 for the South Texas Project, Units 1
and 2. The amendments consist of changes to the Technical Specifications (TSs)
in response to your application dated December 18, 1989, (ST-HL-AE-3216) and
July 30, 1990, (ST-HL-AE-3527).

The amendments change the Appendix A Technical Specifications by deleting the
organizational titles from the requirements for membership on the Plant
Operations Review Committee (PORC) and Nuclear Safety Review Board (NSRB),
Technical Specifications 6.5.1.2 and 6.5.2.2. Instead, the compositions of
the two committees are defined in terms of qualification for membership.

A copy of the Safety Evaluation supporting the amendments is also enclosed.
The Notice of Issuance will be included in the Commission's next biweekly
Federal Register notice.

Sincerely,
(ORIGINAL SIGNED BY)

George F. Dick, Jr., Project Manager
Project Directorate IV-2
Division of Reactor Projects - III,
IV, V and Special Projects
Office of Nuclear Reactor Regulation

Enclosures:

1. Amendment No. 20 to NPF-76
2. Amendment No. 10 to NPF-80
3. Safety Evaluation

cc w/enclosures:
See next page

CP-1

OFC	: PDIV-2/LA	: PDIV-2	: OGC	: PDIV-2/D:ACT	:	:
NAME	: EPeyton	: GDick: jc	: <i>cpw</i>	: GFDick	: <i>gh</i>	:
DATE	: 10/9/90	: 10/11/90	: 10/11/90	: 10/13/90	:	:

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Document Name: STP AMENDMENT/75616 & 75617

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November 14, 1990

cc w/enclosure:

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

HOUSTON LIGHTING & POWER COMPANY

CITY PUBLIC SERVICE BOARD OF SAN ANTONIO

CENTRAL POWER AND LIGHT COMPANY

CITY OF AUSTIN, TEXAS

DOCKET NO. 50-498

SOUTH TEXAS PROJECT, UNIT 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 20
License No. NPF-76

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by Houston Lighting & Power Company* (HL&P) acting on behalf of itself and for the City Public Service Board of San Antonio (CPS), Central Power and Light Company (CPL), and City of Austin, Texas (COA) (the licensees) dated December 18, 1989, as supplemented on July 30, 1990, 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, as amended, 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 license 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.

*Houston Lighting & Power Company is authorized to act for the City Public Service Board of San Antonio, Central Power and Light Company and City of Austin, Texas and has exclusive responsibility and control over the physical construction, operation and maintenance of the facility.

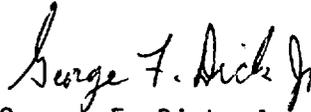
2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment and Paragraph 2.C.(2) of Facility Operating License No. NPF-76 is hereby amended to read as follows:

2. Technical Specifications

The Technical Specifications contained in Appendix A, as revised through Amendment No. 20, and the Environmental Protection Plan contained in Appendix B, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications and the Environmental Protection Plan.

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

FOR THE NUCLEAR REGULATORY COMMISSION



George F. Dick, Jr., Acting Director
Project Directorate IV-2
Division of Reactor Projects - III,
IV, V and Special Projects
Office of Nuclear Reactor Regulation

Attachment:
Changes to the Technical
Specifications

Date of Issuance: November 14, 1990



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

HOUSTON LIGHTING & POWER COMPANY

CITY PUBLIC SERVICE BOARD OF SAN ANTONIO

CENTRAL POWER AND LIGHT COMPANY

CITY OF AUSTIN, TEXAS

DOCKET NO. 50-499

SOUTH TEXAS PROJECT, UNIT 2

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 10
License No. NPF-80

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by Houston Lighting & Power Company* (HL&P) acting on behalf of itself and for the City Public Service Board of San Antonio (CPS), Central Power and Light Company (CPL), and City of Austin, Texas (COA) (the licensees) dated December 18, 1989, as supplemented on July 30, 1990, 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, as amended, 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 license 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.

*Houston Lighting & Power Company is authorized to act for the City Public Service Board of San Antonio, Central Power and Light Company and City of Austin, Texas and has exclusive responsibility and control over the physical construction, operation and maintenance of the facility.

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 Facility Operating License No. NPF-80 is hereby amended to read as follows:

2. Technical Specifications

The Technical Specifications contained in Appendix A, as revised through Amendment No. 10, and the Environmental Protection Plan contained in Appendix B, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications and the Environmental Protection Plan.

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

FOR THE NUCLEAR REGULATORY COMMISSION

George F. Dick Jr.
George F. Dick, Jr., Acting Director
Project Directorate IV-2
Division of Reactor Projects - III,
IV, V and Special Projects
Office of Nuclear Reactor Regulation

Attachment:
Changes to the Technical
Specifications

Date of Issuance: November 14, 1990

ATTACHMENT TO LICENSE AMENDMENT NOS. 20 AND 10
FACILITY OPERATING LICENSE NOS. NPF-76 AND NPF-80
DOCKET NOS. 50-498 AND 50-499

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 areas of change. The corresponding overleaf pages are also provided to maintain document completeness.

REMOVE

6-7
6-10

INSERT

6-7
6-10

ADMINISTRATIVE CONTROLS

6.4 TRAINING

6.4.1 A retraining and replacement training program for the unit staff shall be maintained under the direction of the Training Manager and shall meet or exceed the requirements and recommendations of Section 5.5 of ANSI N18.1-1971 and Appendix A of 10 CFR Part 55 and the supplemental requirements specified in Sections A and C of Enclosure 1 of the March 28, 1980 NRC letter to all licensees, and shall include familiarization with relevant industry operational experience.

6.5 REVIEW AND AUDIT

6.5.1 PLANT OPERATIONS REVIEW COMMITTEE(PORC)

FUNCTION

6.5.1.1 The PORC shall function to advise the Plant Manager on all matters related to nuclear safety.

COMPOSITION

6.5.1.2 The PORC shall be composed of six members, who shall be appointed in writing by the Plant Manager from senior experienced onsite individuals, at the manager level or equivalent, representing each of the following disciplines: engineering, operations, chemistry, health physics, quality assurance/quality control and maintenance. The quality assurance/quality control representatives shall not be appointed as PORC Chairman.

The PORC Chairman shall be appointed in writing from among those members by the Plant Manager. One of the members shall meet the requirements of Regulatory Guide 1.8 (Personnel Selection and Training - Revision 1-R), Radiation Protection Manager.

ALTERNATES

6.5.1.3 All alternate members shall be appointed in writing by the Plant Manager to serve on a temporary basis; however, no more than two alternates shall participate as voting members in PORC activities at any one time.

MEETING FREQUENCY

6.5.1.4 The PORC shall meet at least once per calendar month and as convened by the PORC Chairman or his designated alternate.

QUORUM

6.5.1.5 The quorum of the PORC necessary for the performance of the PORC responsibility and authority provisions of these Technical Specifications shall consist of the Chairman or his designated alternate and three other members including alternates.

ADMINISTRATIVE CONTROLS

RESPONSIBILITIES

6.5.1.6 The PORC shall be responsible for:

- a. Review of all safety-related station administrative procedures and changes thereto.
- b. Review of safety evaluations for (1) procedures, (2) changes to procedures, structures, components, or systems, and (3) tests or experiments completed under the provision of 10 CFR 50.59 to verify that such actions did not constitute an unreviewed safety question.
- c. Review of proposed (1) procedures, (2) changes to procedures, structures, components, or systems, and (3) tests or experiments which may involve an unreviewed safety question as defined in 10 CFR 50.59.
- d. Review of all programs required by Specification 6.8 and changes thereto.
- e. Review of proposed changes to the Technical Specifications or the Operating License.
- f. Review of all REPORTABLE EVENTS.
- g. Review of reports of significant operating abnormalities or deviations from normal and expected performance of plant equipment or systems that affect nuclear safety.
- h. Review of reports of unanticipated deficiencies in the design or operation of structures, systems, or components that affect nuclear safety.
- i. Review of the Security Plan and implementing procedures and changes thereto.
- j. Review of the Emergency Plan and implementing procedures and changes thereto.
- k. Review of the PROCESS CONTROL PROGRAM and implementing procedures and changes thereto.
- l. Review of the OFFSITE DOSE CALCULATION MANUAL and implementing procedures and changes thereto.
- m. Performance of special reviews, investigations, or analyses and reports thereon as requested by the Plant Manager or the Nuclear Safety Review Board (NSRB).
- n. Review of any accidental, unplanned, or uncontrolled radioactive release including the preparation of reports covering evaluation, recommendations, and disposition of the corrective action to prevent recurrence and the forwarding of these reports to the Plant Manager and to the NSRB.
- o. Reports of violations of codes, regulations, orders, Technical Specifications, or Operating License requirements having nuclear safety significance or reports of abnormal degradation of systems designed to contain radioactive material.
- p. Review of the Fire Protection Program, quality-related implementing procedures and changes thereto.

ADMINISTRATIVE CONTROLS

RESPONSIBILITIES (Continued)

6.5.1.7 The PORC shall:

- a. Recommend in writing to the Plant Manager approval or disapproval of items considered under Specification 6.5.1.6a. through e. prior to their implementation, and items considered under Specification 6.5.1.6i. through l.
- b. Render determinations in writing with regard to whether or not each item considered under Specification 6.5.1.6a. through e. and o. constitutes an unreviewed safety question; and
- c. Provide written notification within 24 hours to the Group Vice President-Nuclear and the Nuclear Safety Review Board of disagreement between the PORC and the Plant Manager; however, the Plant Manager shall have responsibility for resolution of such disagreements pursuant to Specification 6.1.1.

RECORDS

6.5.1.8 The PORC shall maintain written minutes of each PORC meeting that, at a minimum, document the results of all PORC activities performed under the responsibility provisions of these Technical Specifications. Copies shall be provided to the Group Vice President-Nuclear and the Nuclear Safety Review Board.

6.5.2 NUCLEAR SAFETY REVIEW BOARD (NSRB)

FUNCTION

6.5.2.1 The NSRB shall function to provide independent review and audit of designated activities in the areas of:

- a. Nuclear power plant operations,
- b. Nuclear engineering,
- c. Chemistry and radiochemistry,
- d. Metallurgy,
- e. Instrumentation and control,
- f. Radiological safety,
- g. Mechanical and electrical engineering,
- h. Civil engineering,
- i. Training,
- j. Nuclear assurance,
- k. Nuclear licensing,
- l. Plant security, and
- m. Environmental impact.

The NSRB shall report to and advise the Group Vice President-Nuclear on those areas of responsibility specified in Specifications 6.5.2.7 and 6.5.2.8.

ADMINISTRATIVE CONTROLS

COMPOSITION

6.5.2.2 The NSRB shall be composed of at least five members appointed in writing by the Group Vice President, Nuclear selected from senior managers reporting to at least the vice president level in the STPEGS Management Organization. Additional members shall be appointed in writing by the Group Vice President, Nuclear so the NSRB collectively has the capability to review technical matters listed in Technical Specification 6.5.2.1. The NSRB Chairman shall be appointed in writing from among these members by the Group Vice President, Nuclear.

ALTERNATES

6.5.2.3 All alternate members shall be appointed in writing by the Group Vice President-Nuclear to serve on a temporary basis; however, no more than two alternates shall participate as voting members in NSRB activities at any one time.

CONSULTANTS

6.5.2.4 Consultants shall be utilized as determined by the NSRB Chairman to provide expert advice to the NSRB.

MEETING FREQUENCY

6.5.2.5 The NSRB shall meet at least once per calendar quarter during the initial year of unit operation following fuel loading and at least once per 6 months thereafter.

QUORUM

6.5.2.6 The quorum of the NSRB necessary for the performance of the NSRB review and audit functions of these Technical Specifications shall consist of the Chairman or his designated alternate and at least a majority of NSRB members including alternates. No more than a minority of the quorum shall have line responsibility for operation of the unit.

REVIEW

6.5.2.7 The NSRB shall be responsible for the review of:

- a. The safety evaluations for: (1) changes to procedures, equipment, or systems; and (2) tests or experiments completed under the provision of 10 CFR 50.59, to verify that such actions did not constitute an unreviewed safety question;
- b. Proposed changes to procedures, equipment, or systems which involve an unreviewed safety question as defined in 10 CFR 50.59;



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

RELATED TO AMENDMENT NOS. 20 AND 10 TO

FACILITY OPERATING LICENSE NOS. NPF-76 AND NPF-80

HOUSTON LIGHTING & POWER COMPANY

CITY PUBLIC SERVICE BOARD OF SAN ANTONIO

CENTRAL POWER AND LIGHT COMPANY

CITY OF AUSTIN, TEXAS

DOCKET NOS. 50-498 AND 50-499

SOUTH TEXAS PROJECT, UNITS 1 AND 2

INTRODUCTION

By application dated December 18, 1989, and supplemented on July 30, 1990, Houston Lighting & Power Company, et. al., (the licensee) requested changes to the Technical Specifications (Appendix A to Facility Operating License Nos. NPF-76 and NPF-80) for the South Texas Project (STP), Units 1 and 2. The proposed changes would revise the description of the Plant Operations Review Committee (PORC) and Nuclear Safety Review Board (NSRB) compositions included in the plant's Technical Specifications (TSs) 6.5.1.2 and 6.5.2.2.

DISCUSSION

TS 6.5.1.2 designates PORC composition by management title. These titles are Plant Superintendent, Technical Services Manager, Plant Operations Manager, Plant Engineering Manager, Maintenance Manager and Quality Engineering Manager. To avoid administrative TS changes for future organization changes, the licensee proposed replacing the titles with composition descriptions. The function of the PORC would remain the same.

TS 6.5.2.2 requires that the NSRB composition consist of managers by specific title. The specific titles include the General Manager, NSRB; General Manager, South Texas Project Management; Vice President, Nuclear Plant Operations; General Manager, Nuclear Assurance; and General Manager, South Texas Project Operations Support. Several of the management titles listed are no longer in use at STP. The licensee proposed the specific management titles be deleted and descriptions added to ensure that top level managers comprise the NSRB and that the managers collectively have the capability to review the necessary technical matters.

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EVALUATION

Section 6.5.1.2 of the South Texas TSs designates the PORC composition by listing position titles. HL&P proposes to change this specification to state that the PORC shall be composed of "six members, who shall be appointed in writing by the Plant Manager from senior onsite individuals at the manager level or equivalent, representing each of the following disciplines: engineering, operations, chemistry, health physics, quality assurance/quality control and maintenance. The quality assurance/quality control representative shall not be appointed PORC chairman. Additionally, the qualifications of the Radiation Protection Manager have been reworded to state "one of the members shall meet the requirements of Regulatory Guide 1.8 (Personnel Selection and Training - Revision 1-R), Radiation Protection Manager."

Section 6.5.2.2 of the South Texas TSs designates the NSRB members by listing position titles. HL&P proposes to change this specification to state that "the NSRB shall be composed of at least five members appointed in writing by the Group Vice President, Nuclear selected from senior managers reporting to at least the vice president level in the STPEGS Management Organization. Additional members shall be appointed in writing by the Group Vice President, Nuclear so the NSRB collectively has the capability to review technical matters listed in Technical Specification 6.5.2.1. The NSRB Chairman shall be appointed in writing from among these members by the Group Vice President, Nuclear."

SUMMARY

The staff finds these requested changes acceptable as they retain the qualification level of PORC and NSRB members, and meet the acceptance criteria of Section 13.4 of NUREG-0800, "Standard Review Plan for the Review of Safety Analysis Reports for Nuclear Power Plants, LWR Edition."

ENVIRONMENTAL CONSIDERATION

These amendments relate to changes in recordkeeping, reporting, or administrative procedures or requirements. Accordingly, the amendments meet the eligibility criteria for categorical exclusion set forth in 10 CFR 51.22(c)(10). 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.

CONCLUSION

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 the amendments will not be inimical to the common defense and security or to the health and safety of the public. The staff, therefore, concludes that the proposed changes are acceptable.

Date: November 14, 1990

Principal Contributor: F. Allenspach