

September 26, 1991

Docket Nos. 50-498  
and 50-499

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

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Dear Mr. Hall:

SUBJECT: ISSUANCE OF AMENDMENT NOS. 29 AND 20 TO FACILITY OPERATING  
LICENSE NOS. NPF-76 AND NPF-80 - SOUTH TEXAS PROJECT, UNITS 1  
AND 2 (TAC NOS. 77925 AND 77926)

The Commission has issued the enclosed Amendment Nos. 29 and 20 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 October 15, 1990 (ST-HL-AE-3234).

The amendments modify Section 6.2.2.g of the Technical Specifications to  
delete the requirement that the Plant Operations Manager hold a Senior  
Reactor Operator (SRO) license.

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  
Office of Nuclear Reactor Regulation

Enclosures:

1. Amendment No. 29 to NPF-76
2. Amendment No. 20 to NPF-80
3. Safety Evaluation

cc w/enclosures:  
See next page

OFC	: PDIV-2/LA	: PDIV-2	: OGC	: PDIV-2/D	:	:
NAME	: EPeyton	: GDick: <i>GD</i>	: <i>CPW</i>	: SBlack	:	:
DATE	: 9/12/91	: 9/16/91	: 9/17/91	: 9/25/91	:	:

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Document Name: STP1&2 AMENDMENT 77925/77926

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P PDR

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CP'

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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. 29  
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 October 15, 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.

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PDR

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. 29 , 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



Suzanne C. Black, Director  
Project Directorate IV-2  
Division of Reactor Projects - III/IV/V  
Office of Nuclear Reactor Regulation

Attachment:  
Changes to the Technical  
Specifications

Date of Issuance: September 26, 1991



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. 20  
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 October 15, 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.

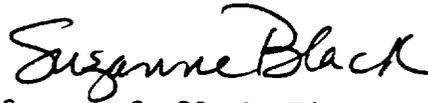
2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment and Paragraph 2.C.(2) of Facility Operating License No. NPF-80 is hereby amended to read as follows:

2. Technical Specifications

The Technical Specifications contained in Appendix A, as revised through Amendment No. 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



Suzanne C. Black, Director  
Project Directorate IV-2  
Division of Reactor Projects - III/IV/V  
Office of Nuclear Reactor Regulation

Attachment:  
Changes to the Technical  
Specifications

Date of Issuance: September 26, 1991

ATTACHMENT TO LICENSE AMENDMENT NOS. 29 AND 20  
FACILITY OPERATING LICENSE NOS. NPF-76 AND NPF-80  
DOCKET NOS. 50-498 AND 50-499

Replace the following page of the Appendix A Technical Specifications with the attached page. The revised page is identified by Amendment number and contains vertical lines indicating the areas of change. The corresponding overleaf page is also provided to maintain document completeness.

REMOVE

6-3

INSERT

6-3

ADMINISTRATIVE CONTROLS

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UNIT STAFF (Continued)

4. Except during extended shutdown periods, the use of overtime should be considered on an individual basis and not for the entire staff on a shift.

Any deviation from the above guidelines shall be authorized by the Plant Manager or his deputy, or higher levels of management, in accordance with established procedures and with documentation of the basis for granting the deviation. Controls shall be included in the procedures such that individual overtime shall be reviewed monthly by the Plant Manager or his designee to assure that excessive hours have not been assigned. Routine deviation from the above guidelines is not authorized.

- g. Senior reactor operator licenses shall be held by:

Unit Operations Manager  
Shift Supervisors  
Unit Supervisors

Reactor operator licenses shall be held by:

Reactor Operators

TABLE 6.2-1  
MINIMUM SHIFT CREW COMPOSITION  
TWO UNITS WITH TWO SEPARATE CONTROL ROOMS

WITH THE OPPOSITE UNIT IN MODE 5 OR 6 OR DEFUELED		
POSITION	NUMBER OF INDIVIDUALS REQUIRED TO FILL POSITION	
	MODE 1, 2, 3, or 4	MODE 5 or 6
SS	1*	1*
SRO	1	None
RO	2	1
RPO	2	2**
STA	1***	None

WITH THE OPPOSITE UNIT IN MODE 1, 2, 3, OR 4		
POSITION	NUMBER OF INDIVIDUALS REQUIRED TO FILL POSITION	
	MODE 1, 2, 3, or 4	MODE 5 or 6
SS	1*	1*
SRO	1	None
RO	2	1
RPO	2	1
STA	1* ***	None

- SS - Shift Supervisor with a Senior Operator license
- SRO - Individual with a Senior Operator license
- RO - Individual with an Operator license
- RPO - Reactor Plant Operator
- STA - Shift Technical Advisor

The shift crew composition may be one less than the minimum requirements of Table 6.2-1 for a period of time not to exceed 2 hours in order to accommodate unexpected absence of on-duty shift crew members provided immediate action is taken to restore the shift crew composition to within the minimum requirements of Table 6.2-1. This provision does not permit any shift crew position to be unmanned upon shift change due to an oncoming shift crewman being late or absent.

During any absence of the Shift Supervisor from the control room while the unit is in MODE 1, 2, 3, or 4, an individual (other than the Shift Technical Advisor) with a valid Senior Operator license shall be designated to assume the control room command function. During any absence of the Shift Supervisor from the control room while the unit is in MODE 5 or 6, an individual with a valid Senior Operator license or Operator license shall be designated to assume the control room command function.

TABLE 6.2-1  
MINIMUM SHIFT CREW COMPOSITION  
TWO UNITS WITH TWO SEPARATE CONTROL ROOMS

WITH THE OPPOSITE UNIT IN MODE 5 OR 6 OR DEFUELED		
POSITION	NUMBER OF INDIVIDUALS REQUIRED TO FILL POSITION	
	MODE 1, 2, 3, or 4	MODE 5 or 6
SS	1*	1*
SRO	1	None
RO	2	1
RPO	2	2**
STA	1***	None

WITH THE OPPOSITE UNIT IN MODE 1, 2, 3, OR 4		
POSITION	NUMBER OF INDIVIDUALS REQUIRED TO FILL POSITION	
	MODE 1, 2, 3, or 4	MODE 5 or 6
SS	1*	1*
SRO	1	None
RO	2	1
RPO	2	1
STA	1* ***	None

- SS - Shift Supervisor with a Senior Operator license
- SRO - Individual with a Senior Operator license
- RO - Individual with an Operator license
- RPO - Reactor Plant Operator
- STA - Shift Technical Advisor

The shift crew composition may be one less than the minimum requirements of Table 6.2-1 for a period of time not to exceed 2 hours in order to accommodate unexpected absence of on-duty shift crew members provided immediate action is taken to restore the shift crew composition to within the minimum requirements of Table 6.2-1. This provision does not permit any shift crew position to be unmanned upon shift change due to an oncoming shift crewman being late or absent.

During any absence of the Shift Supervisor from the control room while the unit is in MODE 1, 2, 3, or 4, an individual (other than the Shift Technical Advisor) with a valid Senior Operator license shall be designated to assume the control room command function. During any absence of the Shift Supervisor from the control room while the unit is in MODE 5 or 6, an individual with a valid Senior Operator license or Operator license shall be designated to assume the control room command function.



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

RELATED TO AMENDMENT NOS. 29 AND 20 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

1.0 INTRODUCTION

By application dated October 15, 1990 (ST-HL-AE-3234), Houston Lighting & Power Company, et. al., (HL&P) (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, Units 1 and 2 (STP-1 and STP-2). The proposed amendment would delete the requirement in Section 6.2.2.g that the Plant Operations Manager hold a Senior Reactor Operator (SRO) license. The change is requested because maintenance of an SRO license requires considerable time and effort which could dilute the effectiveness in management functions. An SRO license requires seven weeks per year in requalification training, during which the Plant Operations Manager must still attend to management of the operation of STP-1 and STP-2.

2.0 EVALUATION

The staff has evaluated the licensee's request for revision of the Technical Specification (TS) in accordance with the criteria set forth in the Standard Review Plan (SRP) Sections 13.1.2 and 13.1.3, "Operating Organizations." Additionally, Regulatory Guide (RG) 1.8, Revision 1-R, 1977, "Personnel Selection and Training," and ANSI-N18.1-1971, "Selection and Training of Nuclear Power Plant Personnel" were reviewed since they are the basis for the STP-1 and STP-2 TS commitments.

Section 50.54(1) of Part 50 of Title 10 of the Code of Federal Regulations requires that the licensee shall designate individuals holding SRO licenses with the responsibility of directing licensed activities of licensed operators. Additionally, RG 1.8, Rev. 1-R, endorses, with exception, the criteria for

selection and training of nuclear power plant personnel contained in ANSI-N18.1-1971. ANSI-N18.1-1971 describes in detail the qualifications for the functional levels of the operating organization including both managers and supervisors. According to ANSI-N18.1-1971, Operations Managers shall hold an SRO license at the time of appointment to the position.

HL&P has incorporated additional levels of line supervision in the direct chain of command between the operating crew and the Plant Operations Manager to satisfy the requirement that the operations management maintain in-depth, plant-specific knowledge. These three positions; the Units Operations Managers, Shift Supervisors, and Unit Supervisors, are all responsible for directing the licensed activities of licensed operators, and all require SRO licenses. As a result of implementing and maintaining these additional levels of line supervision, HL&P has satisfied the requirements of 10 CFR 50.54(1). The proposed deletion of the requirement for the Plant Operations Manager to hold an SRO license is, therefore, acceptable.

### 3.0 STATE CONSULTATION

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

### 4.0 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 issuance of the amendments.

### 5.0 CONCLUSION

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: Greg Galletti

Date: September 26, 1991