



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

APR 30 1982

Docket No.: 50-498/499

Mr. G. W. Oprea, Jr.
Executive Vice President
Houston Lighting and Power Company
P. O. Box 4700
Houston, Texas 77001

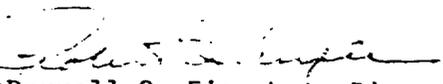
Dear Mr. Oprea:

Subject: Order Extending Construction Completion Dates - South Texas
Project, Units 1 and 2

In response to your request of March 12, 1982, the Nuclear Regulatory Commission has issued an Order extending the construction completion dates for the South Texas Project, Units 1 and 2. The referenced Order extends the latest construction completion date specified in CPPR-128 to December 31, 1987 and CPPR-129 to December 31, 1989.

Copies of the Order and the staff's evaluation are enclosed for your information. The Order has been transmitted to the Office of the Federal Register for publication.

Sincerely,


Darrell G. Eisenhut, Director
Division of Licensing
Office of Nuclear Reactor Regulation

Enclosures:
As stated

cc: See next page.

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CP

SOUTH TEXAS

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HOUSTON LIGHTING AND POWER COMPANY, ET. AL.

SOUTH TEXAS PROJECT, UNITS 1 AND 2

DOCKET NOS. 50-498/499

ORDER EXTENDING CONSTRUCTION COMPLETION DATES

Houston Lighting and Power Company, the City Public Service Board of San Antonio, Texas, Central Power and Light Company, and the City of Austin, Texas, are the holders of Construction Permits No. CPPR-128 and CPPR-129 issued by the Nuclear Regulatory Commission on December 22, 1975 for the South Texas Project, Units 1 and 2. This facility is presently under construction at the applicants' site in Matagorda County, Texas.

By letter dated March 12, 1982, Houston Lighting and Power Company filed a request for extension of the latest construction completion date for the facility. This request is to extend the latest completion date to December 31, 1987 for Unit 1 and to December 31, 1989 for Unit 2.

Houston Lighting and Power Company stated that this extension is requested because construction has been delayed due to:

- (1) Replacement of Brown and Root as Architect/Engineer and Construction Manager by Bechtel Power Corporation.
- (2) Replacement of Brown and Root as constructor by Ebasco Services, Inc.
- (3) The design of the project did not proceed as quickly as expected, the scope of the construction work was more extensive than originally estimated, and expected unit construction rates were not achieved, in part due to changes in complexity attributable to evolving regulatory requirements, as were experienced by other nuclear power plants of the same vintage.

- (4) Certain concrete placement and welding activities were suspended by HL&P in 1979-80, as a result of investigations that disclosed problems relating to those activities.

Corrective measures had been implemented and a limited resumption of these activities had begun prior to the decision to remove Brown & Root as Architect/Engineer and Construction Manager.

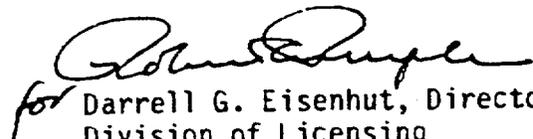
- (5) Progress on the South Texas Project has been essentially halted since December, 1981, as a consequence of Brown & Root's withdrawal as constructor. Prior public notice of this extension was not required since the Commission has determined that this action involves no significant hazards consideration; good cause has been shown for the delays; and the requested extension is for a reasonable period of time. The staff's conclusions are set forth in the NRC staff's evaluation of the request for extension.

The Commission has determined that this action will not result in any significant environmental impact and, pursuant to 10 CFR 51.5(d)(4), an environmental impact statement, or negative declaration and environmental impact appraisal, need not be prepared in connection with this action.

The NRC staff's evaluation of the request for extension of the construction permit is available for public inspection at the Commission's Public Document Room, 1717 H Street, N.W., Washington, D.C. 20555, at the Bay City Library, 1900 Fifth Street, Bay City, Texas 77414 and at the Austin Public Library, 810 Guadalupe Street, Austin, Texas 78768.

IT IS HEREBY ORDERED that the latest completion date for CPPR-128 is extended from May 31, 1982 to December 31, 1987 and for CPPR-129 from October 31, 1983 to December 31, 1989.

FOR THE NUCLEAR REGULATORY


for Darrell G. Eisenhut, Director
Division of Licensing
Office of Nuclear Reactor Regulation

Date of Issuance: APR 30 1982



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

• Evaluation of a Request for Extension of
Construction Permits Nos. CPPR-128 and CPPR-129
for the South Texas Project, Units 1 and 2
Docket Nos. 50-498 and 50-499

Introduction

Construction Permits CPPR-128 and CPPR-129 were issued on December 22, 1975 to Houston Lighting and Power Company, the City Public Service Board of San Antonio, Texas, Central Power and Light Company, and the City of Austin, Texas, authorizing the construction of the South Texas Project, Units 1 and 2. The latest date for completion of the construction of this facility, as stated in the permits, was May 31, 1982 for Unit 1 and October 31, 1983 for Unit 2. On March 12, 1982, Houston Lighting and Power Company filed a request for extension of the latest construction completion dates to December 31, 1987 for Unit 1 and December 31, 1989 for Unit 2.

Discussion

In its application for extension of the construction completion dates, Houston Lighting and Power Company indicated a number of factors that are responsible for the delay in completion of construction activities. These are:

- (1) Replacement of Brown and Root as Architect/Engineer and Construction Manager by Bechtel Power Corporation.
- (2) Replacement of Brown and Root as constructor by Ebasco Services, Inc.
- (3) The design of the project did not proceed as quickly as expected, the scope of the construction work was more extensive than originally estimated, and expected unit construction rates were not achieved, in part due to changes in complexity attributable to evolving regulatory requirements, as were experienced by other nuclear power plants of the same vintage.
- (4) Certain concrete placement and welding activities were suspended by HL&P in 1979-80 as a result of investigations that disclosed problems relating to those activities.

Corrective measures had been implemented and a limited resumption of these activities had begun prior to the decision to remove Brown & Root as Architect/Engineer and Construction Manager.

- (5) Progress on the South Texas Project has been essentially halted since December, 1981, as a consequence of Brown & Root's withdrawal as constructor.

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Collectively these factors have led Houston Lighting and Power to conclude that construction completion and the fuel load date will be delayed until December 1986 for Unit 1 and December 1988 for Unit 2. Adding a contingency factor of twelve months leads to the requested extension to December 31, 1987 for CPPR-128 (Unit 1) and December 31, 1989 for CPPR-129 (Unit 2).

The NRC staff has reviewed the information provided in Houston Lighting and Power Company's submittal and concludes that the factors discussed above constitute good cause for granting the requested extension. The staff has evaluated each factor contributing to the construction delay and concurs with the Permittee as to the reasonableness of time estimated for the delay. As a result of the staff's review of the Final Safety Analysis Report to date, and considering the nature of the delays, the staff has identified no areas of significant safety consideration in connection with the extension of the construction completion dates for the South Texas Project, Units 1 and 2. The only change proposed by the Permittee to the existing construction permit is an extension of the latest construction completion dates. This extension will not allow any work to be performed involving new safety information of a type not considered by previous Commission safety reviews of the facility and that is not already allowed by the existing construction permits. Therefore, the staff finds that (1) this action does not involve a significant hazards consideration, (2) prior public notice of this action is not required, (3) there is reasonable assurance that the health and safety of the public will not be endangered by the requested extension of the construction completion dates, and (4) good cause exists for issuance of an Order extending the construction completion date.

Conclusion

For the reasons stated above, the staff concludes that issuance of an Order extending the latest construction completion dates for the South Texas Project Units 1 and 2, as set forth in CPPR-128 and CPPR-129 to December 31, 1987 and December 31, 1989 respectively is reasonable and should be authorized.

Dated: APR 30 1982

The Light company

Houston Lighting & Power, P.O. Box 200, Houston, Texas 77001

15-0011

Mr Harold R Denton, Director
Office Of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, DC 20555

ST-HL-AE-806

March 12, 1982

SOUTH TEXAS PROJECT, UNITS 1 AND 2
DOCKETS NOS SIN 50-498; SIN 50-499
CONSTRUCTION PERMIT NOS CPPR-128 &
CPPR-129



Dear Mr Denton:

Pursuant to 10 CFR 50.55(b) and 42 USC 2235, Houston Lighting & Power Company (HL&P), as Project Manager for the South Texas Project, acting for itself and for the City of San Antonio, Texas (acting by and through the City Public Service Board of San Antonio), Central Power and Light Company, and the City of Austin, Texas (Permittees) hereby request that the latest construction completion dates for the South Texas Project (STP) Units 1 and 2, be extended from May 31, 1982, to December 31, 1987, for Unit 1 and from October 31, 1983, to December 31, 1989, for Unit 2.

As we informed you on September 24, 1981, Bechtel Power Corporation has been selected to replace Brown & Root, Inc as the Architect/Engineer and Construction Manager. Brown & Root was to continue to function as constructor. In early November, 1981, Brown & Root advised it was withdrawing from the project altogether. In February, 1982, Ebasco Services, Inc was selected to be the new constructor.

The periods required for the construction of the South Texas Project have been affected by the following factors:

1. The design of the Project did not proceed as quickly as expected, the scope of the construction work was more extensive than originally estimated, and expected unit construction rates were not achieved, in part due to changes in complexity attributable to evolving regulatory requirements, as were experienced by other nuclear power plants of the same vintage.
2. Certain concrete placement and welding activities were suspended by HL&P in 1979-80 as a result of investigations that disclosed problems relating to those activities. These suspensions were confirmed in Immediate Action Letters dated December 31, 1979, and April 17, 1980, from Region IV of the

*Good w/ [unclear]
\$1,600*

Director, Director

March 1982

Office of Inspection and Enforcement (I&E). Corrective measures had been implemented and a limited resumption of these activities had begun prior to the decision to remove Brown & Root as Architect/Engineer and Construction Manager.

1. Progress on the South Texas Project has been essentially halted since December, 1981, as a consequence of Brown & Root's withdrawal as constructor.

Our current schedule provides for resuming non-safety related construction by June 30, 1982, and safety-related construction by September 30, 1982. We project a remaining construction duration to "ready for fuel loading" of fifty-one months for Unit 1 and seventy-five months for Unit 2 from the time construction resumes at the site based on the current status of construction, applicable recent industry experience, and a partial "rolling-four tens" program.

Attachment 1 summarizes our tentative projected construction schedule. Bechtel is preparing a more definitive schedule which is expected to be available in July, 1982, and which may result in completion dates earlier than those projected in this letter.

Nuclear power plant construction experience indicates that a contingency period should also be included in these schedules. Permittees would provide fifteen months as a contingency on each unit. Accordingly, Permittees request that CPPR-128 be extended to December 31, 1987, and CPPR-129 extended to December 31, 1989.

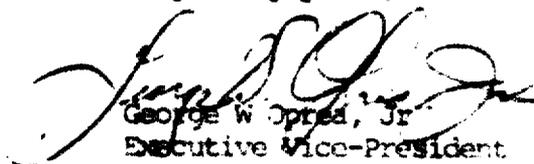
The foregoing constitutes good cause for the extension of the latest completion dates for CPPR-128 and CPPR-129 as requested herein.

The requested extensions to the latest completion dates involve no significant hazards considerations.

Since the amendments have no safety or environmental significance, they fall within Class II under 10 CFR 170.22 for Unit 1 and Class I for Unit 2. The appropriate fee is therefore \$1,600 and our check in that amount is enclosed.

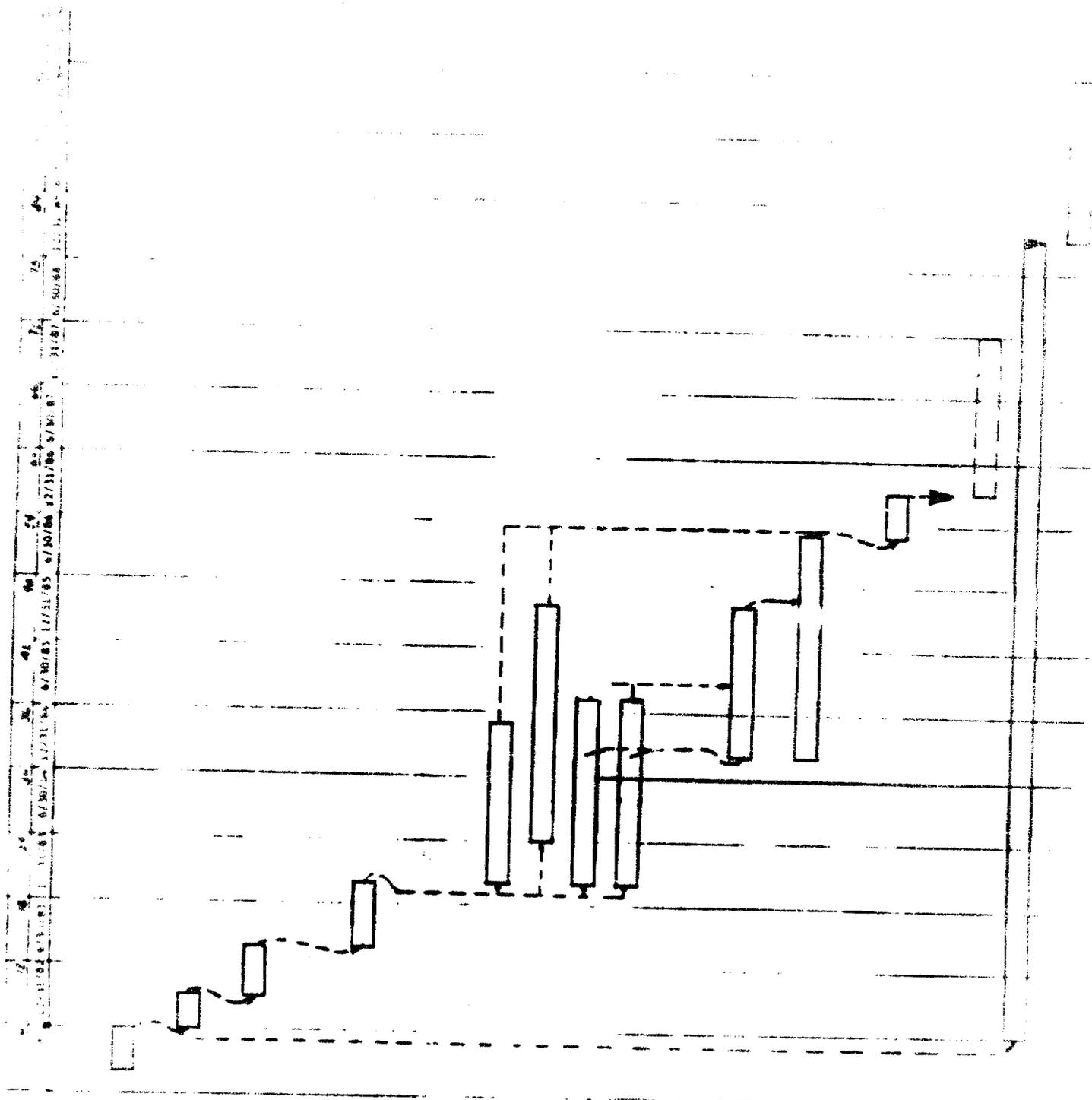
Your prompt and favorable action on this request will be appreciated.

Very truly yours,


George W. Opped, Jr.
Executive Vice-President

HOUSTON LIGHTING & POWER COMPANY, Project Manager of the South Texas Project, acting herein in behalf of itself and the other Applicants. THE CITY OF SAN ANTONIO, TEXAS, acting by and through the CITY PUBLIC SERVICE BOARD of the City of San Antonio, CENTRAL POWER & LIGHT COMPANY, and the CITY OF AUSTIN, TEXAS.

SOUTH TEXAS PROJECT
CONSTRUCTION SCHEDULE



- 1. PRELIMINARY WORK
- 2. SITE PREPARATION
- 3. FOUNDATION
- 4. CONCRETE WORK
- 5. STEEL ERECTION
- 6. MECHANICAL & ELECTRICAL
- 7. INTERIOR FINISHES
- 8. EXTERIOR FINISHES
- 9. UTILITIES
- 10. PAVING
- 11. LANDSCAPING
- 12. FINAL INSPECTION

STATE OF TEXAS

COUNTY OF HARRIS

GEORGE W. OPREA, JR., being first duly sworn, deposes and says: That he is Executive Vice-President of HOUSTON LIGHTING & POWER COMPANY, Project Manager of the South Texas Project and an Applicant herein; that the foregoing request for extensions of latest completion dates, including Attachment 1 thereto, has been prepared under his supervision and direction; that he knows the contents thereof; and that to the best of his knowledge and belief said request and the facts contained therein are true and correct.

DATED: This 13th day of March, 1982.

Signed: 

Subscribed and sworn to before me this 12th day of March, 1982.


Notary Public

My commission expires:

June 30, 1982

cc: G. W. Oprea, Jr.
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J. G. Dewease
J. D. Parsons
D. G. Barker
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R. A. Frazar
J. W. Williams
J. W. Briskin
J. E. Geiger
R. L. Ulrey
S. M. Dow
J. T. Collins
D. E. Sell
W. M. Hill, Jr.
M. D. Schwarz
R. Gordon Goch
J. R. Newman
STP EMS

(NRC)
(NRC)
(NRC)
(Baker & Botts)
(Baker & Botts)
(Lowenstein, Newman, Reis, & Anselrad)

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