

MAY 15 1978

Docket Nos 50-498
and 50-499

Houston Lighting & Power Company
ATTN: Mr. G. W. Oprea, Jr.
Executive Vice President
Post Office Box 1700
Houston, Texas 77001

DISTRIBUTION

Docket File

NRC PDR
Local PDR
DSE Reading
EP-1 Reading
I&E(7)
HDenton
RBoyd
DMuller
BJones(w/4 cys of encl)
~~Starga~~ O.D. Parr
DVassallo
TCox
~~Lee~~ M. Rushbrook

JJackson
GWKnighton
PKreutzer
MIPC
OELD
ORNL

ACRS(16)

SUBJECT: AMENDMENTS TO CONSTRUCTION PERMITS

Gentlemen:

The Commission has issued the enclosed Amendments No. 1 to Construction Permit Nos. CPPR-128 and CPPR-129 for the South Texas Project. These amendments are in response to your request dated March 10, 1978, and delete two construction permit requirements related to measures for controlling siltation and erosion.

A copy of the Negative Declaration, the Federal Register Notice and the Environmental Impact Appraisal are also enclosed.

Sincerely,

JS
George W. Knighton, Chief
Environmental Projects Branch No. 1
Division of Site Safety
and Environmental Analysis

Enclosures:

1. Amendments to CPs
2. Negative Declaration
3. Federal Register Notice
4. Environ. Impact Appraisal

cc: w/encl: See attached list

OFFICE	DSE:EP-1	DSE:EP-1	OELD <i>UKH</i>	DSE:EP-1		
SURNAME	<i>PK</i> PKreutzer:mh	<i>JS</i> JJackson	<i>V Harding</i> V Harding	<i>GW</i> GWKnighton		<i>CH</i> CH
DATE	5/4/78	5/5/78	5/9/78	5/5/78		

MAY 15 1978

cc: Mr. T. L. Luke
Project Manager, STP
Houston Lighting and Power Company
P. O. Box 1700
Houston, Texas 77001

Mr. M. L. Borchelt
Central Power and Light Company
P. O. Box 2121
Corpus Christi, TX 78403

Mr. R. L. Hancock
City of Austin
Electric Utility Department
P. O. Box 1088
Austin, TX 78767

Mr. J. B. Poston
Assistant General Manager
for Operations
City Public Service Board
P. O. Box 1771
San Antonio, TX 78296

Jack R. Newman, Esq.
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Mr. J. A. Signorelli
NUS Corporation
NUS-4 Research Place
Rockville, MD 20850

Mr. G. S. Bierman
Brown & Root, Inc.
P. O. Box 3
Houston, Texas 77001

Mr. Troy C. Webb
Assistant Attorney General
Environmental Protection Div.
P. O. Box 12548
Capitol Station
Austin, Texas 78711

R. Gordon Gooch, Esq.
Baker & Botts
1701 Pennsylvania Avenue, N.W.
Washington, D. C. 20006

Director, Governor's Budget
and Planning Office
Executive Office Building
411 W. 13th Street
Austin, Texas 78701

Mr. James M. Rose, Director
Division of Planning Coordination
Office of the Governor
ATTN: State Clearinghouse
P. O. Box 12428, Capitol Station
Austin, Texas 78711

Houston-Galveston Area Council
3701 West Alabama Avenue
Houston, Texas 77027

Mr. Clinton Spotts
U. S. Environmental Protection
Agency
1201 Elm Street
First International Building
Dallas, Texas 75270

Honorable Bert Huebner
Judge, Matagorda County
Matagorda County Courthouse
1700 Seventh Street
Bay City, Texas 77414

OFFICE ➤						
SURNAME ➤						
DATE ➤						

MAY 15 1978

HOUSTON LIGHTING & POWER COMPANY

CITY PUBLIC SERVICE BOARD OF SAN ANTONIO, TEXAS

CENTRAL POWER AND LIGHT COMPANY

DOCKET NO. STN 50-498

SOUTH TEXAS PROJECT, UNIT NO. 1

AMENDMENT TO CONSTRUCTION PERMIT

Amendment No. 1
Construction Permit No. CPPR-128

The Nuclear Regulatory Commission has issued Amendment No. 1 to Construction Permit No. CPPR-128. The amendment deletes the commitment and condition set forth in the first sentence of commitment 25 of Section 4.5.1 of the Final Environmental Statement (FES), the amendment also deletes the condition set forth in the first sentence of condition 1 of Section 4.5.2 of the FES, as clarified by Staff Exhibit 3 of the Hearing Record (paragraph 3.E.1 of CPPR-128). The remainder of Section 4.5 remains in effect.

This amendment is effective as of the date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

[Signature]

Roger S. Boyd, Director
Division of Project Management
Office of Nuclear Reactor Regulation

*For concurrence see previous yellow

OFFICE	DSE:EP-1	DSE:EP-1	OELD	DPM:LWR-3	DPM-LWR	DRM
SURNAME	PKreutzer:mh	GWKnighton	VHarding	TCox(5/11/78)	DVassallo	RSBoyd
DATE	5/4/78	5/5/78	5/9/78	5/12/78	5/14/78	5/15/78

HOUSTON LIGHTING & POWER COMPANY
CITY PUBLIC SERVICE BOARD OF SAN ANTONIO, TEXAS
CENTRAL POWER AND LIGHT COMPANY
DOCKET NO. STN 50-498
SOUTH TEXAS PROJECT, UNIT NO. 1
AMENDMENT TO CONSTRUCTION PERMIT

Amendment No. 1
Construction Permit No. CPPR-128

The Nuclear Regulatory Commission has issued Amendment No. 1 to Construction Permit No. CPPR-128. The amendment deletes the commitment and condition set forth in the first sentence of commitment 26 of Section 4.5.1 of the Final Environmental Statement (FES); the amendment also deletes the condition set forth in the first sentence of condition 1 of Section 4.5.2 of the FES, as clarified by Staff Exhibit 3 of the Hearing Record (paragraph 3.E.1 of CPPR-128). The remainder of Section 4.5 remains in effect.

This amendment is effective as of the date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

Olan D. Parr, Chief
Light Water Reactors Branch No. 3
Division of Project Management

OFFICE	DSE:EP-1	DSE:EP-1	DSE:EP-1	OELD	DPM:LWR-3	DPM:LWR-s
SURNAME	PKreutzer:mh	JJackson	GWknighton	V. HARDING	TCox	OParr
DATE	5/4/78	5/5/78	5/5/78	5/9/78	5/11/78	5/ /78

MAY 15 1978

HOUSTON LIGHTING & POWER COMPANY

CITY PUBLIC SERVICE BOARD OF SAN ANTONIO, TEXAS

CENTRAL POWER AND LIGHT COMPANY

DOCKET NO. STN 50-499

SOUTH TEXAS PROJECT, UNIT NO. 2

AMENDMENT TO CONSTRUCTION PERMIT

Amendment No. 1
Construction Permit No. CPPR-129

The Nuclear Regulatory Commission has issued Amendment No. 1 to Construction Permit No. CPPR-129. The amendment deletes the commitment and condition set forth in the first sentence of commitment 26 of Section 4.5.1 of the Final Environmental Statement (FES); the amendment also deletes the condition set forth in the first sentence of condition 1 of Section 4.5.2 of the FES, as clarified by Staff Exhibit 3 of the Hearing Record (paragraph 3.E.1 of CPPR-129). The remainder of Section 4.5 remains in effect.

This amendment is effective as of the date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

18

Roger S. Boyd, Director
Division of Project Management
Office of Nuclear Reactor Regulation

*For concurrence see previous yellow

OFFICE ➤	DSE:EP-1	DSE:EP-1	OELD	DPM:LWR-3	DPM_LWR	DPM
SURNAME ➤	*PKreutzer:mh	*GWKnighton	*VHarding	*TCox (5/11/78) OParr <i>OP</i>	DVassallo	RSBoyd
DATE ➤	5/4/78	5/5/78	5/9/78	5/12/78	5/12/78	5/4/78

HOUSTON LIGHTING & POWER COMPANY
CITY PUBLIC SERVICE BOARD OF SAN ANTONIO, TEXAS
CENTRAL POWER AND LIGHT COMPANY
DOCKET NO. STN 50-499
SOUTH TEXAS PROJECT, UNIT NO. 2
AMENDMENT TO CONSTRUCTION PERMIT

Amendment No. 1
Construction Permit No. CPPR-129

The Nuclear Regulatory Commission has issued Amendment No. 1 to Construction Permit No. CPPR-129. The amendment deletes the commitment and condition set forth in the first sentence of commitment 26 of Section 4.5.1 of the Final Environmental Statement (FES); the amendment also deletes the condition set forth in the first sentence of condition 1 of Section 4.5.2 of the FES, as clarified by Staff Exhibit 3 of the Hearing Record (paragraph 3.E.1 of CPPR-129). The remainder of Section 4.5 remains in effect.

This amendment is effective as of the date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

Olan D. Parr, Chief
Light Water Reactors Branch No. 3
Division of Project Management

OFFICE➤	DSE:EP-1	DSE:EP-1	DSE:EP-1	OELD <i>UH</i>	DPM:LWR-3	DPM:LWR-3
SURNAME➤	<i>mk</i> PKreutzer:mh	<i>129</i> JJackson	<i>RMH</i> GKnighon	V. HARDING	TCox <i>TH</i>	OParr
DATE➤	5/4/78	5/5/78	5/6/78	5/9/78	5/11/78	5/ /78

NEGATIVE DECLARATION
SUPPORTING AMENDMENT RELATING TO THE DELETION OF
CERTAIN CONSTRUCTION PERMIT REQUIREMENTS
SOUTH TEXAS PROJECT
UNITS NO. 1 AND 2 (CPPR-128 AND CPPR-129)
HOUSTON LIGHTING AND POWER COMPANY
DOCKET NOS. 50-498 AND 50-499

The U. S. Nuclear Regulatory Commission (the Commission) has reviewed the proposed Amendment relating to the construction permits for the South Texas Project, Units No. 1 and 2 (CPPR-128 and CPPR-129), located in Matagorda County, Texas, issued to Houston Lighting and Power Company. The Amendment would authorize the deletion of two construction permit requirements related to measures for controlling siltation and erosion.

The Commission's Division of Site Safety and Environmental Analysis has prepared an environmental impact appraisal for the Amendment, and has concluded that an environmental impact statement for this particular action is not warranted. This conclusion is based on the fact that there will be no significant environmental impacts attributable to the proposed action, and any impacts which might occur will be less than those predicted and described in the Final Environmental Statement for the South Texas Project, Units No. 1 and 2, published in March 1975.

The environmental impact appraisal is available for public inspection at the Commission's Public Document Room, 1717 H Street, N.W., Washington, D.C., and at the Matagorda County Courthouse, 1700 Seventh

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DATE ➤						

Street, Bay City, Texas, 77914. A copy may be obtained upon request addressed to the U. S. Nuclear Regulatory Commission, Washington, D. C. 20555, Attention: Director, Division of Site Safety and Environmental Analysis.

Dated at Bethesda, Maryland, this 15th day of May 1978.
Dat

FOR THE NUCLEAR REGULATORY COMMISSION

KS
George W. Knighton, Chief
Environmental Projects Branch No. 1
Division of Site Safety
and Environmental Analysis

OFFICE ➤	DSE:EP-1	DSE	OELD <i>W.H.</i>			
SURNAME ➤	JJ Jackson:mh	<i>GW Knighton</i>	V. HARDING			
DATE ➤	4/15/78	4/5/78	5/9/78			

UNITED STATES NUCLEAR REGULATORY COMMISSION

DOCKET NOS. STN 50-498 AND STN 50-499

HOUSTON LIGHTING & POWER COMPANY, et al

NOTICE OF ISSUANCE OF AMENDMENT TO CONSTRUCTION PERMIT

Notice is hereby given that the U. S. Nuclear Regulatory Commission (the Commission) has issued Amendments No. 1 to Construction Permit Nos. CPPR-128 and CPPR-129 issued to Houston Lighting & Power Company, et al for construction of the South Texas Project, Unit Nos. 1 and 2, located at the Permittee's site in Matagorda County, Texas.

The amendment deletes two construction permit requirements related to measures for controlling siltation and erosion.

The application for the amendment complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations. Prior public notice of this amendment is not required since the amendment does not involve a significant hazards consideration.


The Commission has prepared an environmental impact appraisal for the amendment to the construction permits, and has concluded that an environmental impact statement for this particular action is not warranted because there will be no significant environmental impact attributable to this action.

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For further details with respect to this action, see (1) the application for amendment dated March 10, 1978, (2) Amendments No. 1 to Construction Permit Nos. CPPR-128 and CPPR-129, and (3) the Commission's Environmental Impact Appraisal. All of these items are available for public inspection at the Commission's Public Document Room, 1717 H Street, N.W., Washington, D.C., and in the Matagorda County Courthouse, 1700 Seventh Street, Bay City, Texas. A copy of items (2), and (3) may be obtained upon request addressed to the U. S. Nuclear Regulatory Commission, Washington, D. C. 20555, Attention: Director, Division of Site Safety and Environmental Analysis.

Dated at Bethesda, Maryland, this 15th day of May 1978.

FOR THE NUCLEAR REGULATORY COMMISSION


George W. Knighton, Chief
Environmental Projects Branch No. 1
Division of Site Safety
and Environmental Analysis

OFFICE>	DSE:EP-1	DSE:EP-1	OELD VRH	DSE:EP-1		
SURNAME>	PKreutzen:mh	Jackson	V. HARDING	GW Knighton		
DATE>	5/4/78	5/5/78	5/9/78	5/6/78		

ENVIRONMENTAL IMPACT APPRAISAL
BY THE DIVISION OF SITE SAFETY AND ENVIRONMENTAL ANALYSIS
SUPPORTING AN AMENDMENT RELATING TO THE DELETION OF
CERTAIN CONSTRUCTION PERMIT REQUIREMENTS
SOUTH TEXAS PROJECT, UNITS NO. 1 AND 2 (CPPR-128 AND CPPR-129)
HOUSTON LIGHTING AND POWER COMPANY
DOCKET NOS. 50-498 AND 50-499

1. Description of Proposed Action

The action proposed is the issuance of an Amendment to the construction Permits pertaining to the South Texas Project (STP), Units No. 1 and 2. The Amendment deletes the commitment and condition set forth in the first sentence of commitment 26 of Section 4.5.1 of the Final Environmental Statement (FES); the Amendment also deletes the condition set forth in the first sentence of condition 1 of Section 4.5.2 of the FES, as clarified by Staff Exhibit 3 of the Hearing record.

The permittee, Houston Lighting and Power Company, requested the above stated deletions by letter dated March 10, 1978. The request has to do with the lifting of the requirement that the permittee must (1) cover the bottom of the barge slip with crushed stone, gravel or shell to stabilize the bottom and reduce siltation and erosion, and (2) route the discharge from plant construction runoff through sedimentation basins sized to hold the runoff from a 10 year - 24 hour rainfall event, prior to final discharge into the Colorado River. The NRC staff has reviewed the request and found that good cause has been shown for deletion of the two construction permit requirements.

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2. Summary Description of the Probable Impacts of the Proposed Action

At the time of the construction permit review, it was assumed that material would erode from the bottom of the barge slip into the Colorado River. In reality, the normal tidal activity and fluctuating river conditions create an eddy effect in the barge slip resulting in the transport of river sediments into the slip. The general quiescent condition in the barge slip results in sediment being deposited over any stabilizing material on the bottom. Thus, the slip is a repository for sediment rather than a source, and the stabilizing material cannot serve its purpose of reducing sedimentation. Consequently, the deletion of the requirement to cover the barge slip with stabilizing material will not result in an adverse impact on the Colorado River.

The second construction permit amendment would allow the permittee to decommission two sedimentation basins which received runoff during station construction. The two basins -- the East and West Sedimentation Basins -- currently serve the station site; other basins serving the cooling lake will not be affected by this amendment. The permittee desires to decommission the two basins so that he might construct the permanent storm drainage system. Onsite space limitations necessitate this sequence of events.

During the construction permit review, staff calculated the amount of total suspended solids (TSS) expected to occur due to storm runoff during construction. This value was found to be acceptable, and actual data have been considerably below the estimates (180 ppm vs. 900 ppm).

Calculations of TSS resulting from the decommissioning of the two sedimentation basins have shown that these values, too, will be much lower than the acceptable levels calculated during the construction permit review (240 ppm vs. 900 ppm). Furthermore, the effects of decommissioning the two sedimentation basins will be of a temporary nature in that the permanent storm drain system will be in place in early 1979. The permittee also plans to implement an erosion stabilization plan during the interim between the construction and permanent systems, and this plan will further reduce the TSS concentrations in the storm runoff.

Thus, because of the temporary nature of the period between sedimentation basin decommissioning and implementation of the permanent storm drainage system, because the permittee will reduce erosion through the use of an acceptable stabilization program, and because the impacts are expected to be much lower than those found accep-

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table during the construction permit review, the impacts resulting from this second construction permit amendment will be insignificant and acceptable.

3. Safety Consideration

We have determined that the requested amendment, pertaining to the control of erosion and sedimentation on the plant site, does not involve any increase in the probability or consequences of accidents previously considered, or a decrease in any safety margin. Therefore, there is no significant hazards consideration. Further, there is reasonable assurance that the health and safety of the public will not be endangered by continued construction under the proposed amended construction permits. We reaffirm our conclusions as stated in our Safety Evaluation Report and its Supplement.

4. Conclusion and Basis for Negative Declaration

On the basis of the foregoing analysis and the NRC staff evaluation, it is concluded that there will be no significant environmental impacts attributable to the proposed action. Furthermore, any impacts which do occur will be less than those predicted and described in the staff's FES issued in March 1975. Having made this conclusion, the Commission has further concluded that no environmental impact statement for the proposed action need be prepared, and that a negative declaration to this effect is appropriate.

JDJ

Jeremiah D. Jackson, Project Manager
Environmental Projects Branch 1
Division of Site Safety and
Environmental Analysis

GWN

George W. Knighton, Chief
Environmental Projects Branch 1
Division of Site Safety and
Environmental Analysis

Dated: **MAY 18 1978**

154

OFFICE	DSE:EP 1	DSE:EP 1	OELD <i>UCH</i>			
SURNAME	<i>154</i> JD Jackson/lk	<i>154</i> GWN Knighton	<i>154</i> V. HARDING			
DATE	5/5/78	5/6/78	5/9/78			



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

ENVIRONMENTAL IMPACT APPRAISAL
BY THE DIVISION OF SITE SAFETY AND ENVIRONMENTAL ANALYSIS
SUPPORTING AN AMENDMENT RELATING TO THE DELETION OF
CERTAIN CONSTRUCTION PERMIT REQUIREMENTS
SOUTH TEXAS PROJECT, UNITS NO. 1 AND 2 (CPPR-128 AND CPPR-129)
HOUSTON LIGHTING AND POWER COMPANY
DOCKET NOS. 50-498 AND 50-499

1. Description of Proposed Action

The action proposed is the issuance of an Amendment to the construction Permits pertaining to the South Texas Project (STP), Units No. 1 and 2. The Amendment deletes the commitment and condition set forth in the first sentence of commitment 26 of Section 4.5.1 of the Final Environmental Statement (FES); the Amendment also deletes the condition set forth in the first sentence of condition 1 of Section 4.5.2 of the FES, as clarified by Staff Exhibit 3 of the Hearing record.

The permittee, Houston Lighting and Power Company, requested the above stated deletions by letter dated March 10, 1978. The request has to do with the lifting of the requirement that the permittee must (1) cover the bottom of the barge slip with crushed stone, gravel or shell to stabilize the bottom and reduce siltation and erosion, and (2) route the discharge from plant construction runoff through sedimentation basins sized to hold the runoff from a 10 year - 24 hour rainfall event, prior to final discharge into the Colorado River. The NRC staff has reviewed the request and found that good cause has been shown for deletion of the two construction permit requirements.

2. Summary Description of the Probable Impacts of the Proposed Action

At the time of the construction permit review, it was assumed that material would erode from the bottom of the barge slip into the Colorado River. In reality, the normal tidal activity and fluctuating river conditions create an eddy effect in the barge slip resulting in the transport of river sediments into the slip. The general quiescent condition in the barge slip results in sediment being deposited over any stabilizing material on the bottom. Thus, the slip is a repository for sediment rather than a source, and the stabilizing material cannot serve its purpose of reducing sedimentation. Consequently, the deletion of the requirement to cover the barge slip with stabilizing material will not result in an adverse impact on the Colorado River.

The second construction permit amendment would allow the permittee to decommission two sedimentation basins which received runoff during station construction. The two basins -- the East and West Sedimentation Basins -- currently serve the station site; other basins serving the cooling lake will not be affected by this amendment. The permittee desires to decommission the two basins so that he might construct the permanent storm drainage system. Onsite space limitations necessitate this sequence of events.

During the construction permit review, staff calculated the amount of total suspended solids (TSS) expected to occur due to storm runoff during construction. This value was found to be acceptable, and actual data have been considerably below the estimates (180 ppm vs. 900 ppm).

Calculations of TSS resulting from the decommissioning of the two sedimentation basins have shown that these values, too, will be much lower than the acceptable levels calculated during the construction permit review (240 ppm vs. 900 ppm). Furthermore, the effects of decommissioning the two sedimentation basins will be of a temporary nature in that the permanent storm drain system will be in place in early 1979. The permittee also plans to implement an erosion stabilization plan during the interim between the construction and permanent systems, and this plan will further reduce the TSS concentrations in the storm runoff.

Thus, because of the temporary nature of the period between sedimentation basin decommissioning and implementation of the permanent storm drainage system, because the permittee will reduce erosion through the use of an acceptable stabilization program, and because the impacts are expected to be much lower than those found accep-

table during the construction permit review, the impacts resulting from this second construction permit amendment will be insignificant and acceptable.

3. Safety Consideration

We have determined that the requested amendment, pertaining to the control of erosion and sedimentation on the plant site, does not involve any increase in the probability or consequences of accidents previously considered, or a decrease in any safety margin. Therefore, there is no significant hazards consideration. Further, there is reasonable assurance that the health and safety of the public will not be endangered by continued construction under the proposed amended construction permits. We reaffirm our conclusions as stated in our Safety Evaluation Report and its Supplement.

4. Conclusion and Basis for Negative Declaration

On the basis of the foregoing analysis and the NRC staff evaluation, it is concluded that there will be no significant environmental impacts attributable to the proposed action. Furthermore, any impacts which do occur will be less than those predicted and described in the staff's FES issued in March 1975. Having made this conclusion, the Commission has further concluded that no environmental impact statement for the proposed action need be prepared, and that a negative declaration to this effect is appropriate.

MAY 15 1978

MAY 15 1978

Docket Nos. 50-498
and 50-499

Houston Lighting & Power Company
ATTN: Mr. G. W. Oprea, Jr.
Executive Vice President
Post Office Box 1700
Houston, Texas 77001

DISTRIBUTION

Docket File

NRC PDR
Local PDR
DSE Reading
EP-1 Reading
I&E(7)
HDenton
RBoyd
DMueller
BJones(w/4 cys of encl)
~~SVarga~~ O.D. Parr
DVassallo
TCox
~~Lee~~ M. Rushbrook

JJackson
GWKnighton
PKreutzer
MIPC
OELD
ORNL

ACR2(16)

SUBJECT: AMENDMENTS TO CONSTRUCTION PERMITS

Gentlemen:

The Commission has issued the enclosed Amendments No. 1 to Construction Permit Nos. CPPR-128 and CPPR-129 for the South Texas Project. These amendments are in response to your request dated March 10, 1978, and delete two construction permit requirements related to measures for controlling siltation and erosion.

A copy of the Negative Declaration, the Federal Register Notice and the Environmental Impact Appraisal are also enclosed.

Sincerely,

[Signature]

George W. Knighton, Chief
Environmental Projects Branch No. 1
Division of Site Safety
and Environmental Analysis

Enclosures:

1. Amendments to CPs
2. Negative Declaration
3. Federal Register Notice
4. Environ. Impact Appraisal

cc: w/encl: See attached list

OFFICE →	DSE:EP-1	DSE:EP-1	OELD <i>UKH</i>	DSE:EP-1		
SURNAME →	<i>PK</i> PKreutzer:mh	<i>JK</i> JJackson	<i>V</i> V Harding	<i>GW</i> GWKnighton		
DATE →	5/4/78	5/5/78	5/9/78	5/5/78		

MAY 15 1978

cc: Mr. T. L. Luke
Project Manager, STP
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P. O. Box 1700
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Director, Governor's Budget
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Executive Office Building
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Mr. James M. Rose, Director
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Office of the Governor
ATTN: State Clearinghouse
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3701 West Alabama Avenue
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Mr. Clinton Spotts
U. S. Environmental Protection
Agency
1201 Elm Street
First International Building
Dallas, Texas 75270

Honorable Bert Huebner
Judge, Matagorda County
Matagorda County Courthouse
1700 Seventh Street
Bay City, Texas 77414

OFFICE ➤						
SURNAME ➤						
DATE ➤						

MAY 15 1978

HOUSTON LIGHTING & POWER COMPANY

CITY PUBLIC SERVICE BOARD OF SAN ANTONIO, TEXAS

CENTRAL POWER AND LIGHT COMPANY

DOCKET NO. STN 50-498

SOUTH TEXAS PROJECT, UNIT NO. 1

AMENDMENT TO CONSTRUCTION PERMIT

Amendment No. 1
Construction Permit No. CPPR-128

The Nuclear Regulatory Commission has issued Amendment No. 1 to Construction Permit No. CPPR-128. The amendment deletes the commitment and condition set forth in the first sentence of commitment 26 of Section 4.5.1 of the Final Environmental Statement (FES), the amendment also deletes the condition set forth in the first sentence of condition 1 of Section 4.5.2 of the FES, as clarified by Staff Exhibit 3 of the Hearing Record (paragraph 3.E.1 of CPPR-128). The remainder of Section 4.5 remains in effect.

This amendment is effective as of the date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

[Signature]

Roger S. Boyd, Director
Division of Project Management
Office of Nuclear Reactor Regulation

*For concurrence see previous yellow

OFFICE➤	DSE:EP-1	DSE:EP-1	OELD	DPM:LWR-3	DPM-LWR	DPM
SURNAME➤	PKreutzer:mh	GWKnighton	VHarding	TCox(5/11/78) OParr630	DVassallo	RSBoyd
DATE➤	5/4/78	5/5/78	5/9/78	5/12/78	5/14/78	5/15/78

MAY 15 1978

HOUSTON LIGHTING & POWER COMPANY

CITY PUBLIC SERVICE BOARD OF SAN ANTONIO, TEXAS

CENTRAL POWER AND LIGHT COMPANY

DOCKET NO. STN 50-499

SOUTH TEXAS PROJECT, UNIT NO. 2

AMENDMENT TO CONSTRUCTION PERMIT

Amendment No. 1
Construction Permit No. CPPR-129

The Nuclear Regulatory Commission has issued Amendment No. 1 to Construction Permit No. CPPR-129. The amendment deletes the commitment and condition set forth in the first sentence of commitment 26 of Section 4.5.1 of the Final Environmental Statement (FES); the amendment also deletes the condition set forth in the first sentence of condition 1 of Section 4.5.2 of the FES, as clarified by Staff Exhibit 3 of the Hearing Record (paragraph 3.E.1 of CPPR-129). The remainder of Section 4.5 remains in effect.

This amendment is effective as of the date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION



Roger S. Boyd, Director
Division of Project Management
Office of Nuclear Reactor Regulation

*For concurrence see previous yellow

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NEGATIVE DECLARATION
SUPPORTING AMENDMENT RELATING TO THE DELETION OF
CERTAIN CONSTRUCTION PERMIT REQUIREMENTS
SOUTH TEXAS PROJECT
UNITS NO. 1 AND 2 (CPPR-128 AND CPPR-129)
HOUSTON LIGHTING AND POWER COMPANY
DOCKET NOS. 50-498 AND 50-499

The U. S. Nuclear Regulatory Commission (the Commission) has reviewed the proposed Amendment relating to the construction permits for the South Texas Project, Units No. 1 and 2 (CPPR-128 and CPPR-129), located in Matagorda County, Texas, issued to Houston Lighting and Power Company. The Amendment would authorize the deletion of two construction permit requirements related to measures for controlling siltation and erosion.

The Commission's Division of Site Safety and Environmental Analysis has prepared an environmental impact appraisal for the Amendment, and has concluded that an environmental impact statement for this particular action is not warranted. This conclusion is based on the fact that there will be no significant environmental impacts attributable to the proposed action, and any impacts which might occur will be less than those predicted and described in the Final Environmental Statement for the South Texas Project, Units No. 1 and 2, published in March 1975.

The environmental impact appraisal is available for public inspection at the Commission's Public Document Room, 1717 H Street, N.W., Washington, D.C., and at the Matagorda County Courthouse, 1700 Seventh

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Street, Bay City, Texas, 77914. A copy may be obtained upon request addressed to the U. S. Nuclear Regulatory Commission, Washington, D. C. 20555, Attention: Director, Division of Site Safety and Environmental Analysis.

Dated at Bethesda, Maryland, this 15th day of May 1978.

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FOR THE NUCLEAR REGULATORY COMMISSION

KS
George W. Knighton, Chief
Environmental Projects Branch No. 1
Division of Site Safety
and Environmental Analysis

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SURNAME >	JJ Jackson: mh	<i>GW Knighton</i>	V. HARDING			
DATE >	4/5/78	4/5/78	5/9/78			

UNITED STATES NUCLEAR REGULATORY COMMISSION

DOCKET NOS. STN 50-498 AND STN 50-499

HOUSTON LIGHTING & POWER COMPANY, et al

NOTICE OF ISSUANCE OF AMENDMENT TO CONSTRUCTION PERMIT

Notice is hereby given that the U. S. Nuclear Regulatory Commission (the Commission) has issued Amendments No. 1 to Construction Permit Nos. CPPR-128 and CPPR-129 issued to Houston Lighting & Power Company, et al for construction of the South Texas Project, Unit Nos. 1 and 2, located at the Permittee's site in Matagorda County, Texas.

The amendment deletes two construction permit requirements related to measures for controlling siltation and erosion.

The application for the amendment complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations. Prior public notice of this amendment is not required since the amendment does not involve a significant hazards consideration.

The Commission has prepared an environmental impact appraisal for the amendment to the construction permits, and has concluded that an environmental impact statement for this particular action is not warranted because there will be no significant environmental impact attributable to this action.

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For further details with respect to this action, see (1) the application for amendment dated March 10, 1978, (2) Amendments No. 1 to Construction Permit Nos. CPPR-128 and CPPR-129, and (3) the Commission's Environmental Impact Appraisal. All of these items are available for public inspection at the Commission's Public Document Room, 1717 H Street, N.W., Washington, D.C., and in the Matagorda County Courthouse, 1700 Seventh Street, Bay City, Texas. A copy of items (2), and (3) may be obtained upon request addressed to the U. S. Nuclear Regulatory Commission, Washington, D. C. 20555, Attention: Director, Division of Site Safety and Environmental Analysis.

Dated at Bethesda, Maryland, this ^{15th} day of May 1978.

FOR THE NUCLEAR REGULATORY COMMISSION


George W. Knighton, Chief
Environmental Projects Branch No. 1
Division of Site Safety
and Environmental Analysis

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ENVIRONMENTAL IMPACT APPRAISAL
BY THE DIVISION OF SITE SAFETY AND ENVIRONMENTAL ANALYSIS
SUPPORTING AN AMENDMENT RELATING TO THE DELETION OF
CERTAIN CONSTRUCTION PERMIT REQUIREMENTS
SOUTH TEXAS PROJECT, UNITS NO. 1 AND 2 (CPPR-128 AND CPPR-129)
HOUSTON LIGHTING AND POWER COMPANY
DOCKET NOS. 50-498 AND 50-499

1. Description of Proposed Action

The action proposed is the issuance of an Amendment to the construction Permits pertaining to the South Texas Project (STP), Units No. 1 and 2. The Amendment deletes the commitment and condition set forth in the first sentence of commitment 26 of Section 4.5.1 of the Final Environmental Statement (FES); the Amendment also deletes the condition set forth in the first sentence of condition 1 of Section 4.5.2 of the FES, as clarified by Staff Exhibit 3 of the Hearing record.

The permittee, Houston Lighting and Power Company, requested the above stated deletions by letter dated March 10, 1978. The request has to do with the lifting of the requirement that the permittee must (1) cover the bottom of the barge slip with crushed stone, gravel or shell to stabilize the bottom and reduce siltation and erosion, and (2) route the discharge from plant construction runoff through sedimentation basins sized to hold the runoff from a 10 year - 24 hour rainfall event, prior to final discharge into the Colorado River. The NRC staff has reviewed the request and found that good cause has been shown for deletion of the two construction permit requirements.

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2. Summary Description of the Probable Impacts of the Proposed Action

At the time of the construction permit review, it was assumed that material would erode from the bottom of the barge slip into the Colorado River. In reality, the normal tidal activity and fluctuating river conditions create an eddy effect in the barge slip resulting in the transport of river sediments into the slip. The general quiescent condition in the barge slip results in sediment being deposited over any stabilizing material on the bottom. Thus, the slip is a repository for sediment rather than a source, and the stabilizing material cannot serve its purpose of reducing sedimentation. Consequently, the deletion of the requirement to cover the barge slip with stabilizing material will not result in an adverse impact on the Colorado River.

The second construction permit amendment would allow the permittee to decommission two sedimentation basins which received runoff during station construction. The two basins -- the East and West Sedimentation Basins -- currently serve the station site; other basins serving the cooling lake will not be affected by this amendment. The permittee desires to decommission the two basins so that he might construct the permanent storm drainage system. Onsite space limitations necessitate this sequence of events.

During the construction permit review, staff calculated the amount of total suspended solids (TSS) expected to occur due to storm runoff during construction. This value was found to be acceptable, and actual data have been considerably below the estimates (180 ppm vs. 900 ppm).

Calculations of TSS resulting from the decommissioning of the two sedimentation basins have shown that these values, too, will be much lower than the acceptable levels calculated during the construction permit review (240 ppm vs. 900 ppm). Furthermore, the effects of decommissioning the two sedimentation basins will be of a temporary nature in that the permanent storm drain system will be in place in early 1979. The permittee also plans to implement an erosion stabilization plan during the interim between the construction and permanent systems, and this plan will further reduce the TSS concentrations in the storm runoff.

Thus, because of the temporary nature of the period between sedimentation basin decommissioning and implementation of the permanent storm drainage system, because the permittee will reduce erosion through the use of an acceptable stabilization program, and because the impacts are expected to be much lower than those found accep-

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table during the construction permit review, the impacts resulting from this second construction permit amendment will be insignificant and acceptable.

3. Safety Consideration

We have determined that the requested amendment, pertaining to the control of erosion and sedimentation on the plant site, does not involve any increase in the probability or consequences of accidents previously considered, or a decrease in any safety margin. Therefore, there is no significant hazards consideration. Further, there is reasonable assurance that the health and safety of the public will not be endangered by continued construction under the proposed amended construction permits. We reaffirm our conclusions as stated in our Safety Evaluation Report and its Supplement.

4. Conclusion and Basis for Negative Declaration

On the basis of the foregoing analysis and the NRC staff evaluation, it is concluded that there will be no significant environmental impacts attributable to the proposed action. Furthermore, any impacts which do occur will be less than those predicted and described in the staff's FES issued in March 1975. Having made this conclusion, the Commission has further concluded that no environmental impact statement for the proposed action need be prepared, and that a negative declaration to this effect is appropriate.

JSJ

Jeremiah D. Jackson, Project Manager
Environmental Projects Branch 1
Division of Site Safety and
Environmental Analysis

GWK

George W. Knighton, Chief
Environmental Projects Branch 1
Division of Site Safety and
Environmental Analysis

Dated: **MAY 18 1978**
JSJ

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