

The Light company

Houston Lighting & Power P.O. Box 1700 Houston, Texas 77001 (713) 228-9211

June 5, 1985
ST-HL-AE-1262
File No.: G9.17

Mr. George W. Knighton, Chief
Licensing Branch No. 3
Division of Licensing
U. S. Nuclear Regulatory Commission
Washington, DC 20555

Dear Mr. Knighton:

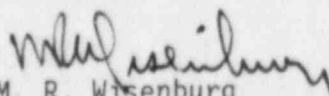
South Texas Project
Units 1 & 2
Docket Nos. STN 50-498, STN 50-499
Transmittal of Remote
Sensing Imagery Information

Enclosed herewith (Attachment 1) is a vicinity map illustrating the flight lines and a description for the low altitude color infrared photographs which were handed to Dr. Slemmons in the May 21, 1985 meeting between Houston Lighting & Power Company (HL&P), Bechtel and the NRC. Also enclosed (Attachment 2) are descriptions of other remote sensing imagery and associated documents which have been located from the previous studies.

This letter also documents that remote sensing imagery obtained since the initial studies (Attachment 3) were hand carried to Mr. P. Kadambi during the week of May 13, 1985.

If you should have any questions concerning this matter, please contact Mr. M. E. Powell at (713) 993-1328.

Very truly yours,


M. R. Wisenburg
Manager, Nuclear Licensing

MEP/RLE/as

Attachments:

- (1) Vicinity Map and Description of Low Altitude Color Infrared Photographs
- (2) Listing of Remote Sensing Imagery & Associated Documents Regarding Previous Studies
- (3) Listing of Remote Sensing Images Obtained Since Initial Studies

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Repro - Reduced Drawing

cc:

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Washington, DC 20555

Attachment 1

Description of Low Altitude Color Infrared Photographs

Description

- o Low altitude color I.R. photography; one print each
 - Lines 1 (1-13)
 - 2 (1-17)
 - 3 (1-14)
 - 4 (1-15)
 - 5 (1-14)

Scale: 1:24,000

Date Flown: May 14, 1973

Source: Texas Instruments

Flight Altitude: 12,000 ft.

Focal Length: 6 in.

Camera: Fairchild K-17

Film: Kodak 2443

Filter: Wratten 12

Detection Range: 0.5 - 0.9 micron wavelength

Plane: Beechcraft Queen-Air

Attachment 2

Remote Sensing Imagery Located - Initial Studies

- o Conventional low altitude photography; print
 - Color photographs BR-2-2 through BR-2-203; photos BR-2-1, BR-2-21, and BR-2-41 are missing from this set
 - Black and white photographs BR-2-1 through BR-2-2-3; photos BR-2-41, BR-2-82 and BR-2-121 are missing from this set

Flown by International at 3000' - May 1973
Scale: 1:6000 or 1":500'
Camera: Wilde RC8
Focal Length: 6 inches

Associated Documents Located - Initial Studies

- o Low Altitude Color I.R. Y310XR2002AWC
 - Copy of Mylar Overlays and Interpreters notes
- o NASA Color I.R. Y310XR1953AWC
 - Copy of Mylar Overlays and Interpreters notes
- o NASA B&W Y310XR2004AWC
 - Copy of Mylar Overlays and Interpreters notes
- o SLAR Y310XR1952AWC
 - Copy of Interpreters notes
- o B&W Low Altitude Photo Y310XR1954AWC
 - Copy of Interpreters notes
- o Misc. Photo Mylar Overlays and Interpreters Notes Y310XR2003AWC

LEGEND

	DWELLING
	CEMETERY
	POWER SUB-STATION
	POWER PLANT
	PUMPING STATION
	OIL OR GAS WELLS
	TANKS, OIL
	TRIANGULATION STATION
	RAILROAD
	PRIVATE ROAD
	PRIMITIVE ROAD
	GRADED EARTH ROAD
	GRADED AND DRAINED ROAD
	SOIL SURFACED ROAD
	BITUMINOUS SURFACED ROAD
	PAVED ROAD
	COUNTY SEAT
	TOWN SYMBOLS
	INTERSTATE HIGHWAY
	U.S. NUMBERED HIGHWAY
	STATE HIGHWAY
	FARM TO MARKET ROAD
	BRIDGE OR CROSSING
	INTERMITTENT STREAM
	FLOWING STREAM
	DITCH OR CANAL
	NAVIGABLE STREAM
	INTERMITTENT NAVIGATION
	SHIP AND BARGE LINES
	PETROLEUM PRODUCTS LINE
	PIPE LINE-WATER
	UNDERGROUND TELEPHONE LINE
	TRANSMISSION LINE
	SURFACE WATER CLAIMANTS

FLIGHT LINES FOR LOW
ALT. I.R. PHOTOGRAPHS

NOTE

BASED ON "TEXAS HIGHWAY DEPARTMENT PLANNING
SURVEY DIVISION FOR MATAGORDA COUNTY"



Also Available On
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APERTURE
CARD



0 1 2 MILES
SCALE

8506100168-0

SOUTH TEXAS PROJECT
UNITS 1 & 2

VICINITY MAP

FIGURE 2.4.1-1

Attachment 3

Listing of Remote Sensing Images Obtained Since Initial Studies

- I. U-2 photo images from mission 79-163; one copy of positive transparencies:

-7995	-8085
-8030	-8086
-8031	-8109
-8032	-8110
-8084	-8111

Description:

Date: November 1979

Altitude: 65,000 feet

Scale: 1 : 65,000

- II. LANDSAT Color Composite Image; One Copy

ERTS E-2681-16021

Description:

Date: December 3, 1976

Altitude: 918 km

Scale: 1 : 1,000,000