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October 12, 1984

EW-ONWI-84-7770

WM Record File

106

WM Project 16

Docket No. _____

PDR ☒

LPDR ☒

U.S. Nuclear Regulatory Commission
MS-623-SS
Washington, D.C. 20555

Attention: Mr. R. Johnson

Subject: Transmittal of Geologic Data for the Gulf Coast
Requested by the NRC - Submittal #2
Southern Region GPM - Salt Program
BPMD Contract No. E512-05700

Distribution:

R. Johnson

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179

Gentlemen,

This letter serves to transmit the second of three planned submittals of data for the Gulf Coast region requested by the Nuclear Regulatory Commission. This submittal includes two complete sets of: core photos (item 2 of the NRC request) from wells MRIG-9 (Richton) and MCCG-1 (Cypress Creek) and aerial photos (item 5) for Richton, Cypress Creek and Vacherie domes.

The final submittal of Gulf Coast Data will include the requested core photos (item 2) for Vacherie dome. At the present time, the third submittal is planned for late October.

The second submittal was shipped from our Long Beach office via United Parcel Service, and should arrive October 19. The shipment consists of one box and one mailing tube.

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Mr. R. Johnson
EW-ONWI-84-7770


October 12, 1984
Page 2

Attached to this letter are brief descriptions of each data set that identify: 1) important characteristics of the data and 2) the contents of each set. These same descriptions are included in the packages.

Should you have any questions with regard to this submittal, please do not hesitate to call.

Sincerely,

THE EARTH TECHNOLOGY CORPORATION



Kenneth L. Wilson
Project Manager

KLW:gn

Attachment A - Core Photos
Attachment B - Aerial Photos

cc: Mr. Charles S. Kuntz (w/attachments)
Dr. Walter Newcomb (w/o attachments)



ATTACHMENT A

ITEM 2, CORE PHOTOS

This data set includes 35mm color transparencies of core from MRIG-9 at Richton Dome and MCCG-1 at Cypress Creek Dome. These photos were taken by Earth Technology personnel at the Hattiesburg field office in April 1982, approximately three years after these holes had been drilled. A placard in each photo identifies the photo number, Earth Technology Corporation project number, date, well name, core run and box numbers, and core footages. Photo numbers are consecutive and continuous. These numbers are 1 to 182 for core from MRIG-9 and 1 to 184 for core from MCCG-1. The handwritten numbers on the slide frame are not continuous (i.e., some numbers are not present) and should be ignored.

We suggest viewing these pictures with core descriptions presented in ONWI - 277 (MRIG-9) and ONWI - 365 (MCCG-1).

Core photos for Vacherie Dome will be submitted at a later date.

ATTACHMENT B

ITEM 5, AERIAL PHOTOS

This data set includes black and white stereo aerial photos that cover an area over and around each of Richton, Vacherie, and Cypress Creek domes.

Richton Dome. This set of photos includes 120 frames at a scale of 1:6,000 made from color negatives flown in March 1983. A photo index and a map showing the location of photo centers are also included. These photos were flown for the Gulf Coast Salt Domes Project.

Vacherie Dome. Included are 30 frames at a scale of 1:20,000 from black and white negatives flown in December 1982 and a photo index. Ground control was not obtained for these reconnaissance photos and, therefore, they should not be used for qualitative purposes such as topographic mapping. These photos were flown for the Gulf Coast Salt Domes Project.

Cypress Creek. Included are 63 frames at a scale of 1:20,000 from black and white negatives flown in March and April 1970. A photo index is not available. These photos were obtained through the U.S.D.A. Agricultural Stabilization and Conservation Service in Salt Lake City, Utah.

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