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October 29, 1984  
WGC - R531

U.S. NUCLEAR REGULATORY COMMISSION  
Division of Waste Management  
Washington, DC 20555

Attention: Mr. Benjamin Rice, MS 623-SS

Gentlemen:

In accordance with the provisions of Contract NRC-02-84-001, we have enclosed the Trip Report for Task Order 006, Data Review for Paradox Basin.

Very truly yours,

WESTON GEOPHYSICAL CORPORATION

*Mary M. Fannon*  
Mary M. Fannon

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TRIP REPORT - TASK 006

DATA REVIEW FOR PARADOX BASIN

On the 16th, 17th, and 18th of October, 1984, representatives of Weston Geophysical, V. J. Murphy and J. P. Imse, met with members of the NRC Waste Management Staff in the San Francisco offices of Woodward-Clyde Consultants [WCC] to review data utilized for the report entitled "Seismic Reflection, Gravity, and Aeromagnetic Studies of Geologic Structure in the Gibson Dome Area, Southwestern Paradox Basin" by C. A. Kitcho, December 1983. The object of the meeting was to assess the acquisition, processing and analysis of the proprietary data used to produce the report.

The first day of meetings began with introductions to the data sets given by WCC project management personnel, T. Grant, I. Wong and T. Turcotte. A great deal of insight into the individual data sets was provided by the introductions and helped to guide the subsequent review by the NRC and consultants.

A generalized review of all three data sets was conducted during the afternoon of the 16th. The NRC staff and consultants divided into two groups for the 17th and 18th. One group reviewed the seismic reflection data; the other group reviewed gravity and aeromagnetic data sets. These more detailed reviews on the 17th and 18th concentrated on intensive analysis of the data sets for internal quality and correlation with the other geophysical data sets and known geological features.

A review summary and three sets of detailed data review sheets were completed on the 18th and copies provided to WGC, ONWI, USGS, and DOE representatives at the meetings.

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