

CONVERSATION RECORD

TIME

1:00 pm

DATE

85/06/10

TYPE

☐ VISIT

☐ CONFERENCE

☒ TELEPHONE

☐ INCOMING

☒ OUTGOING

Location of Visit/Conference: Silver Spring, MD to Denver, CO

NAME OF PERSON(S) CONTACTED OR IN CONTACT WITH YOU

Paul Hildenbrandt

ORGANIZATION (Office, dept., bureau, etc.)

NRC-URFO

TELEPHONE NO.

FTS 776-2812

SUBJECT

URFO'S GROUNDWATER COMMENTS ON THE LAKEVIEW DEA/DRAP

ROUTING

NAME/SYMBOL INT

G. Gnugnoli

McFiezel

M. Knapp

L. Higgins

WM-64

SUMMARY

Following my review of URFO's comments on the Lakeview DEA/DRAP, I called

Paul to inquire about the technical basis for several comments about the incorrect

selection of aquifer analysis methods at the site. Paul explained that the

comments were based on URFO's evaluation of the lithologies beneath the site and

general geology of the area. I asked Paul if URFO had requested and reviewed any

of the aquifer data (e.g., drawdowns vs. time). He responded that he only

reviewed the explanations in the Lakeview documents: DEA, DRAP, and PSCR.

The conclusion that the shallow aquifer beneath the site is not confined was based

on the absence of a continuous aquitard above the aquifer, contrary to assumptions

made in the documents. He indicated that his principal concern was about DOE's

averaging of aquifer properties determined assuming both confined and unconfined

conditions. I agreed that such averaging would not be appropriate. Paul also

mentioned that URFO did not review the water quality/geochemistry information

in much detail because only one sample was available from each sampling point.

Thus, the sampling program was insufficient to characterize temporal and spatial

ACTION REQUIRED

Discuss with G. Gnugnoli, WMLU and determine appropriate action for preparing comments to DOE on the Lakeview DEA/DRAP.

NAME OF PERSON DOCUMENTING CONVERSATION

Michael F. Weber

SIGNATURE

Michael F. Weber

DATE

June 10, 1985

ACTION TAKEN

Same as above; prepared note to G. Gnugnoli describing my concerns about the groundwater comments.

WM Record File

WM Project

64

Docket No.

PDR

LPDR

SIGNATURE

Michael F. Weber

TITLE

Hydrogeologist

Distribution:

D. SMITH

DATE

June 10, 1985

50271-101

GPO : 1981 O - 361-526 (7227)

CONVERSATION RECORD

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DEPARTMENT OF DEFENSE

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variability in water quality in the shallow system. I pointed out that although the sampling may not be adequate to characterize temporal variability, it still may provide an approximate representation of the distribution of contaminants/constituents in the groundwater system. I also mentioned that it appeared that DOE was developing the types of analyses (e.g., Piper Hydrochemical Facies diagrams) requested by NRC for earlier analyses.