

D1020

Docket No.

PDR

LPDR

WM s/f (426.1/D1020)

WMGT r/f

NMSS r/f

RBrowning

MBell

JBunting

MKnapp

MFliegel

JPohle & r/f

PDR

LPDR (B,N,S)

Distribution: FEB 26 1986

426.1/D1020/86/02/26

(Return to WM, 623-SS)

Dr. Roy E. Williams
Williams and Associates, Inc.
Post Office Box 48
Viola, Idaho 83872

Dear Dr. Williams:

I have reviewed your Monthly Progress Report for January dated February 5, 1986. This report describes the status of Williams and Associates Technical Assistance under Contract No. NRC-02-85-008. Progress made to date under this contract is satisfactory. I have the following comments relative to ongoing work.

Task 1-NNWSI

Subtask 1.1

Complete

Subtask 2.1

We have received your reviews of the following documents:

1. Kerrisk, J.F., 1983, Reaction-Path Calculations of Ground Water Chemistry and Mineral Formation at Rainier Mesa, Nevada: LA-9912-MS, Los Alamos National Laboratory, Los Alamos, New Mexico.
2. Ogard, A.E., and Kerrisk, J.F., 1984, Ground Water Chemistry Along Flow Paths Between a Proposed Repository Site and the Accessible Environment: LA-10188-MS, Los Alamos National Laboratory, Los Alamos, New Mexico.
3. Travis, B.J., 1985, TRACR3D: A Model of Flow and Transport in Porous/Fractured Media: LA-9667-MS, Los Alamos National Laboratory, Los Alamos, New Mexico.
4. "An Issues Hierarchy Approach to Site Characterization and Regulatory Compliance": An Outline by DOE/NVO

Subtask 1.3

No Comments.

WM Record File

WM Project

Docket No.

PDR

LPDR

Distribution:

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PDR WMRES EECWILA
D-1020 PDR

Task 2-BWIP

Subtask 2.1

Complete.

Subtask 2.2

We have received your review of the following documents:

1. Rockwell Hanford Operations, 1984, Exploratory Shaft Test Plan, Volume I: Exploratory Shaft Test Program: SD-BWI-TP-007.
2. Rockwell Hanford Operations, 1985, Exploratory Shaft Test Plan, Volume II: Preliminary Test Descriptions: SD-BWI-TP-007.

Subtask 2.3

No comments.

Task 3-SRPO

Subtask 3.1

Your letter report containing recommendations concerning the ISTP's for the three primary salt sites, as required by Subtask 3.1, was received. This report included a list of SRPO related documents which you have in your possession. All requirements of Subtask 3.1 have been completed successfully.

Subtask 3.2

We have received your reviews of the following documents:

1. Kaiser, W.R., 1985, Cross-Formational Flow in the Palo Duro Basin, Texas Panhandle: Texas Bureau of Economic Geology, Austin, Texas, OF-WTWI-1985-33.

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2. Orr, E.D. and Senger, R.K., 1984, Vertical Hydraulic Conductivity, Flux and Flow in the Deep-Basin Brine Aquifer, Palo Duro Basin, Texas: Texas Bureau of Economic Geology, Austin, Texas, OF-WTWI-1984-44.
3. Senger, Rainer K., 1984, Hydrodynamic Development of the Palo Duro Basin and Other Mechanisms Creating Possible Transient Flow Conditions: Texas Bureau of Economic Geology, Austin, Texas, OF-WTWI-1984-54.

Subtask 3.3

No comments.

Task 4

Not initiated.

Task 5

We have received your trip report covering the Unsaturated Rock/Contaminated Transport Workshop #3 held in Tucson, Arizona on January 6-9, 1986. I have already forwarded a copy of NWC's Trip Report on this same meeting to you. It appears that this meeting was quite beneficial in identifying topics for our evaluations.

As discussed in our telephone conversation last week, I request that you attend the Waste Management 86 conference in Tucson, Arizona during March 3-6, 1986. As a follow-up to that meeting I agree with your suggestion that a stop-over in Las Vegas, Nevada to meet with Dr. Mifflin is appropriate. I have discussed this with Mr. Stablein and he agrees that it is a good idea to maintain contact with Dr. Mifflin.

The action taken by this letter is considered to be within the scope of the current contract NRC-02-85-008. No changes to cost or delivery of contracted

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services and products are authorized. Please notify me immediately if you believe that this letter would result in changes to cost or delivery of contracted products.

Sincerely,

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Jeffrey A. Pohle, Project Officer
Hydrology Section, Geotechnical Branch
Division of Waste Management
Office of Nuclear Material Safety
and Safeguards

cc:

Barry Bromberg, ACB
Atef Elzeftawy, WMGT
Richard Codell, WMGT
Neil Coleman, WMGT
Fred Ross, WMGT
Michael Weber, WMGT

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