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WM Record F
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WM Project 10, 11, 16
Docket No. _____
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NOV 25 1986

425.1/D1020/JP/86/11/24-WM8692

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Distribution:

(Return to WM, 623-SS)

Dr. Roy E. Williams
Williams and Associates, Inc.
P.O. Box 48
Viola, Idaho 83872

Dear Dr. Williams:

I have reviewed your monthly progress report for October dated November 7, 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.

Task 1 - NNWSI

We have received your reviews of the following NNWSI related documents:

1. Hodson, J.N., and Hoover, D.L., 1978, Geology and Lithologic Log for Drill Hole UE17a, Nevada Test Site. USGS-1543-1, 14 p.
2. Hodson, J.N., and Hoover, D.L., 1979, Geology of the UE17e Drill Hole, Area 17, Nevada Test Site. USGS-1543-2, 33p.
3. Trimmer, D., 1982, Laboratory Measurements of Ultralow Permeability of Geologic Materials. American Institute of Physics, REV. SCI. INSTRUM. 53 (b), p. 1246-1254.

Within the next week or so Mr. Bill Ford will become the NNWSI site lead in Hydrology. This is part of our re-organization of the HLW Hydrology Group. I will provide additional details as they become available.

Task 2 - BWIP

Dr. Verma has reviewed your proposal to analyze the hypothesized groundwater flow system in the vicinity of the site using the USGS Hydrochemical Data Base. Dr. Verma has indicated to me that this is something which is worth pursuing. Dr. Verma has directed the site lead to prepare a letter authorizing this work for my signature. Note that Mr. Neil Coleman shortly will become the BWIP site lead in Hydrology.

Task 3 - SRPO

We have received your reviews of the following SRPO related documents:

1. Dutton, A.R. and Simpkins, W.W., 1985, Hydrogeology and Water Resources of the Lower Dockum Group (Triassic) in the Texas Panhandle and Eastern New Mexico. Prepared for the U.S. Department of Energy by the Bureau of Economic Geology, University of Texas, Austin, TX, OF-WTWI-1985-32.

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2. Smith, D.A., 1984 Evaluation of the J. Friemel #1 Vertical Well Tests, Deaf Smith County, Palo Duro Basin, Texas Panhandle. Texas Bureau of Economic Geology, Austin, TX, OF-WTWI-1984-28, 12 p.

Mr. Fred Ross will remain as SRPO site lead in Hydrology. Currently, we have a project, at the request of WMRP, to review the WIPP literature. The objective of this project is to review the testing and/or analysis methodologies used at WIPP and the potential (appropriateness) of transferring that experience to other salt sites. We will not be reviewing the WIPP site per se as that is not within the purview of the NRC. Over the next few weeks, Mr. Ross will be collecting relevant documents and setting up the scope and tasks for reviewing relevant technology. You can anticipate being tasked with some of these reviews as directed by Mr. Ross through me.

Task 5

I have authorized a meeting between your staff and NWC's staff to lay out the scope and begin outline preparation for the topical report on treatment of uncertainty. NWC wishes to brief the NRC team on the scoping discussions during the week of the BWIP data review. In the meantime, direct your staff to continue with the outline for the topical report dealing with sources of uncertainty. For the record and to avoid confusion with related efforts to deal with uncertainty by the Performance Assessment Team, our evaluation of uncertainty is with respect to groundwater flow and subsequent predictions of groundwater travel time.

I have no further comments.

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 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,



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

OFFICIAL CONCURRENCE AND DISTRIBUTION RECORD

LETTER TO: Dr. Roy E. Williams
Williams and Associates, Inc.
P.O. Box 48
Viola, Idaho 83872

FROM: Jeffrey A. Pohle, Project Officer

SUBJECT: MONTHLY PROGRESS REPORT FOR OCTOBER FIN D1020

DATE: NOV 25 1986

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ORGANIZATION/CONCUREE	INITIALS	DATE CONCURRED
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WM ACTION 86922

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