

WM-RES
WM Record File
D1020
WEA

Project 10, 11, 16
Docket No. FEB 20 1986

WM s/f (426-101020)
WMGT r/f
NMSS r/f
RBrowning
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MKnapp
FRoss & r/f
MFliegel
PDR
LPDR (B,N,S)
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426-1/D1020/FWR/86/02/20
Distribution:

PDR ✓
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(Return to WM, 623-SS)

Dr. Roy Williams *encl. are already in the PDR*
Williams and Associates
Post Office Box 48
Viola, Idaho 83872

RE: SALT

Dear Dr. Williams:

Enclosed are two major salt Final Environmental Assessment (FEA) supporting documents recently received from DOE/SRPO. The reports, "PTRACK: A Particle Tracking Program for Evaluating Travel Path/Travel Time Uncertainties" and "Travel Path/Travel Time Uncertainties of Salt Sites Proposed for High-Level Waste Repositories", were prepared to address comments on Draft Environment Assessment groundwater travel time analyses. In addition, the reports present analyses of the relative importance of input parameters on predicted travel time distributions (sensitivity analysis).

Under Subtask 3.2 of NRC Contract NRC-02-85-008, FIN D1020, I request that Williams and Associates review these reports. Your review should address only travel time analyses for the three salt sites for which a FEA will be released (Deaf Smith Co., Davis Canyon, and Richton Dome). Your review should be conducted as if you are reviewing the groundwater travel time analysis portions of the FEA's. You should particularly focus on determining the extent that NRC's major and detailed comments on DEA groundwater travel times are addressed by the revised analyses.

Because DOE plans on using results of sensitivity analysis as direct input to developing plans for detailed site characterization, you should evaluate the suitability of the sensitivity analysis approaches for prioritizing data needs for site characterization. Finally, although it is not suggested that DOE follow NRC Draft Generic Technical Position on Groundwater Travel Time for their revised analyses, you should, however, determine the extent that DOE's travel time/travel pathway analysis methodology conforms with the latest draft of the GTP.

I anticipate that your review will require no more than 3 staff weeks of effort. Please send me your review before May 1, 1986. Should you desire additional information or guidance concerning this review request, contact Mr. Fred Ross (301) 427-4539.

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The action taken by this letter is considered to be within the scope of the current contract NRC-02-85-008. This letter does not authorize changes to the cost or delivery of contracted services or products. Please notify me immediately if you believe 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

Enclosures:
As Stated

cc:
Barry Bromberg, ACB

FC	:WMGT	:WMGT	:	:	:	:	:
NAME	:FRoss <i>Full</i>	:JPohle	:	:	:	:	:
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