

JUN 30 1988

426/D1020/WHF/88/06/17

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6/30/88

Dr. Roy E. Williams  
Williams and Associates, Inc.  
P.O. Box 48  
Viola, Idaho 83878

Dear Dr. Williams:

We have reviewed the second draft of the report "Ground Water Testing Methodologies Applicable to Unsaturated Fractured Rock at Yucca Mountain". We have two general comments; (1) each method should have a recommendation with respect to YUCCA MOUNTAIN APPLICABILITY (especially with respect to testing fractured tuff) and (2) if there are no COMMENTS, this section should just say "none". In addition, please add a short glossary of technical terms used in relation to water flow in unsaturated media. Our detailed comments are attached. Please make the indicated changes and provide a revised copy to me by July 31, 1988. Should you have any questions, please call William Ford (301)492-0506 or myself.

The action taken by this letter is considered to be within the scope of the current contract NRC-02-85-008. No changes to costs or delivery of contracted products are authorized. Please notify me immediately if you believe that this letter would result in a change to costs or delivery of contracted products.

Sincerely,

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Jeffrey A. Pohle, Project Officer  
Hydrology Section  
Technical Review Branch  
Division of High-Level Waste Management  
Office of Nuclear Material Safety  
and Safeguards

Attachments: As stated

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# WILLIAMS & ASSOCIATES, INC.

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(208) 883-0153 (208) 875-0147

Hydrogeology • Mineral Resources Waste Management • Geological Engineering • Mine Hydrology

NRC  
staff  
Comments

March 28, 1988

Contract No. NRC-02-85-008

Fin No. D-1020

Communication No. 177

Mr. Jeff Pohle  
Division of Waste Management  
Mail Stop 4-H-3  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Dear Jeff:

A copy of the second draft of the report for the task to investigate "Ground Water Testing Methodologies Applicable to Unsaturated Fractured Rock at Yucca Mountain" is enclosed. This report has been updated with respect to testing techniques proposed in the Consultation Draft SCP. Summaries of additional testing techniques that are referenced, but not specifically proposed in the Consultation Draft SCP are not included in this draft. Please contact me if you have any questions.

Sincerely,

*James L. Osiensky, Jr.*

James L. Osiensky

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enclosure

cc: Dr. Chery, Jr.  
Lyle Davis, Water, Waste and Land, Inc.

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