

# ROUTING AND TRANSMITTAL SLIP

Date

5/11/87

TO: (Name, office symbol, room number, building, Agency/Post)		Initials	Date
1.	Tom Longo, DOE HQ Dave Siefken, Weston		
2.	R. Jackson, Weston Glen Faulkner, DOE HQ		
3.	Steven Brocum, Weston R. Browning, NRC		
4.			
5.			

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REMARKS

For your information.

101.2 PDR-1

(PDR-WM-10(2))

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PDR WASTE  
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(Return to WM, 623-SS)

DO NOT use this form as a RECORD of approvals, concurrences, disposals, clearances, and similar actions

FROM: (Name, org. symbol, Agency/Post)

Ralph Stein

Room No.—Bldg.

Phone No.  
586-5355

5041-102

U.S.G.P.O.: 1984-421-529/416

OPTIONAL FORM 41 (Rev. 7-76)  
Prescribed by GSA  
FPMR (41 CFR) 101-11.206

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United States Government

Department of Energy

# memorandum

DATE:

APR 29 1981

REPLY TO  
ATTN OF:

RW-23

SUBJECT:

Continuation of Pre-ES Hydrology Program Evaluation

TO:

John Anttonen, Assistant Manager, Commercial Nuclear Waste  
Richland Operations Office

We have decided to continue the pre-ES Hydrology Program Evaluation by considering the effects of sinking the exploratory shafts to the first basalt flow while hydrology data acquisition is underway. To accomplish this task, I have asked Ralph Stein to reconvene the Hydrology Task Group. Concurrently, you should initiate a study to evaluate the engineering aspects of sinking the shafts to the first basalt flow.

In directing these studies you should bear in mind the following guidance:

1. The objectives of the pre-ES Hydrology Program remain the same. We will not undertake any activity that compromises the acquisition of hydrology data and the program goals.
2. The schedule for sinking the first exploratory shaft should continue to reflect the schedule in the options paper, that is, sinking of the exploratory shaft starts after the pre-ES Program is completed.
3. The States and Tribes should be made aware of this decision and you should plan to consult with them during the continuation of the evaluation by the Hydrology Task Group. I will arrange to inform the Nuclear Regulatory Commission.
4. Modification to the pre-ES Hydrology Program, if any, will not be made unless and until there is full consultation with all parties, and only if there is strong technical basis that acquisition of needed data will not be compromised.

If you have any questions on this direction, please contact Ralph Stein or me.



Stephen Kale  
Associate Director for  
Geologic Repositories

87050246

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**Department of Energy**

Richland Operations Office  
P.O. Box 550  
Richland, Washington 99352

87-AMC-250

MAY 05 1987

Those on Attached List

Gentlemen:

**EVALUATION OF CONCURRENT EXPLORATORY SHAFT (ES) DRILLING THROUGH SEDIMENTS  
AND HYDROLOGY DATA COLLECTION**

Attached is a program guidance memorandum from the Office of Civilian Radioactive Waste Management, DOE-HQ, pertaining to the evaluation of sinking the exploratory shafts to the first basalt flow while hydrology data acquisition is underway. As discussed in the memorandum, we will consult with the affected parties during the evaluation.

If additional information is desired, please feel free to contact me at (509) 376-7591.

Sincerely,

A handwritten signature in black ink, appearing to read "John H. Anttonen", is written over a horizontal line.

John H. Anttonen, Assistant Manager  
for Commercial Nuclear Waste

AMC:MLP

Attachment:  
4/29/87 memo, Kale to Anttonen

Addressees - Letter dated May 5, 1987

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