

WM Record File  
101.2

WM Project 40  
Docket No. \_\_\_\_\_

AUG 14 1984

PDR   
LPDR

Distribution: 3013.1/JMC/84/08/06

\_\_\_\_\_  
\_\_\_\_\_  
(Return to WM, 623-SS)

- 1 -

Distribution:  
WM sf  
WMGT rf  
RBrowning  
MBell  
JCutler & rf  
PJustus  
MKnapp  
RWright  
RGalster (COE)  
KWestbrook  
WRehfeldt  
PDR  
LPDR (B)

MEMORANDUM FOR: Philip S. Justus, Section Leader  
Geology/Geophysics Section  
Geotechnical Branch, WM

FROM: Jonathan M. Cutler, Project Manager  
Geology/Geophysics Section  
Geotechnical Branch, WM

SUBJECT: TRIP REPORT FOR TRIP TO HANFORD RESERVATION,  
WASHINGTON; JULY 29 TO AUGUST 2, 1984.

DATE OF TRIP: 7/29/84 to 8/2/84.

PLACE OF TRIP: Rockwell Hanford Operations, Richland, Washington; and  
Hanford Reservation, Washington.

PURPOSE OF TRIP: To review geologic maps and field work done since the 1979  
publication of ST-4.

ATTENDEES: Richard Galster (COE on behalf of NRC), Bob Cook (NRC),  
Bruce Hurley (DOE), Sue Price (RHO), Ann Tallman  
(RHO), Steven Reidel (RHO), Teri Tolan (RHO), Karl  
Fecht (RHO).

SUMMARY OF COMMITMENTS, CONCLUSIONS, AND AGREEMENTS:

On Monday (7/30) and Tuesday (7/31) NRC, DOE, and Rockwell Hanford Operations (RHO) met so that NRC could review geologic mapping relevant to BWIP which has taken place since 1979. Some of this mapping has been undertaken by RHO on behalf of DOE, some has been conducted by independent and Washington State geologists, and some has been sponsored through the Northwest Organization of Colleges and Universities for Science (NORCUS), which is DOE program for assisting Ph.D. students working on projects relevant to BWIP. A detailed listing of all maps begun or completed since 1979 was compiled by NRC on this trip, and will be provided in final form by Richard Galster. During this data review it became apparent that the precise region which needs to be geologically mapped and the level of detail at which this region is covered may be an issue for future discussion between NRC and DOE. The schedule for completion of maps now planned or in progress may also need to be discussed.

On Wednesday (8/1) a field trip to the Hanford Reservation area was led by Bob Cook of NRC. The purpose of this excursion was to give me some direct

FC :	8408230034	840814	:	:	:
:	PDR WASTE	:	PDR	:	:
:	WM-10	:	:	:	:
NAME :	:	:	:	:	:
:	:	:	:	:	:
DATE :	84/08/14	:	:	:	:

familiarity with the regional and site geology, and to evaluate locations to be visited by NRC on an upcoming geologic data review. Hurley, Reidel, Tolan, and Art Lassila (DOE) all attended this excursion on a voluntary basis. We clearly noted at every opportunity that DOE/RHO attendance was neither requested nor required.

On Thursday morning (8/2) I visited Richard Galster (COE) at Federal Center South, Seattle, Washington. The purpose of this visit was to see Side Looking Airborn Radar (SLAR) done for the Corp of Engineers which covered the BWIP site area. These images facilitate the interpretation of some regional structures such as the Rattlesnake-Wallula lineament.

No specific commitments or agreements were made by me, as an individual, or on behalf of the NRC during this data review.

*151*

Jonathan M. Cutler, Project Manager  
Geology/Geophysics Section  
Geotechnical Branch, WM

FC	:		:		:		:		:
NAME	:	WMGT	:		:		:		:
DATE	:	JM Cutler:dw	:		:		:		:
DATE	:	:84/08/14	:		:		:		: