



Department of Energy
Washington, D.C. 20545

SEP 21 1982

*Primary
FYI*

101.2

*John / Rob
file*

Mr. Hubert J. Miller, Chief
HLW Technical Development Branch
Division of Waste Management
U.S. NRC
Washington, D.C. 20555

WM-10
PDR
(Return to WM, 623-SS)

Dear Hub:

At the DOE/NRC Geohydrology Workshop at Richland on July 21-23, 26, and 27, NRC staff requested a listing of Washington State contractors who are now, or have been, performing work on BWIP. Enclosed is the listing you requested.

I would appreciate it if there are follow-on actions you desire with any of these contractors, pertaining to BWIP, that you initiate this action by written request through the DOE-RL Office with a copy to me.

Sincerely,

Ralph Stein

Ralph Stein, Acting Team Leader
Basalt Waste Project Team
Division of Waste Repository Deployment
Office of Terminal Waste Disposal
and Remedial Action
Office of Nuclear Energy

Enclosure

cc: L. Olson, RL

8303300053 820921
PDR WASTE
WM-10 PDR

00205

BASALT WASTE ISOLATION PROJECT
TECHNICAL CONTRACTORS FROM WITHIN WASHINGTON STATE

1977

<u>Contractor</u>	<u>Contracted Service</u>
Washington State University University of Washington	X-ray fluorescence analysis Seismic monitoring

1978

Western Washington University Washington State Department of Natural Resources sublet to: G. D. Webster L. G. Hanson N. P. Campbell D. G. Stradling E. P. Kiver	Paleomagnetic analysis Sediment mapping and bibliography compilation
Dr. R. Bentley State of Washington Department of Ecology	Geology consultant Regional hydrologic assessment
Washington State University - J. C. Brown University of Washington Washington State University	Hydrology consultant Seismic monitoring X-ray fluorescence

1979

University of Washington Washington State University Western Washington University	Seismic monitoring X-ray fluorescence analysis Paleomagnetic analysis
------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------

1979 (cont'd)

<u>Contractor</u>	<u>Contracted Service</u>
Washington State Department of Natural Resources sublet to: G. D. Webster L. G. Hanson N. P. Campbell D. G. Stradling E. P. Kiver	Sediment mapping
State of Washington Department of Ecology	Regional hydrologic assessment
Washington State University - J. C. Brown	Hydrology consultant
R. Bentley	Geology consultant
Washington State University	Geophysical borehole surveys

1980

Ted Livingston (Washington State Department of Natural Resources)	Geology consultant
P. Grimstad (Washington State Department of Ecology)	Hydrology consultant
Washington State Department of Natural Resources	Complete mapping of cenozoic sediments in Washington
Washington State Department of Ecology	Update regional hydrologic data base
Washington State University	Basalt characterization (Engineered Barriers)
University of Washington	Seismic monitoring

1981

P. Grimstad	Hydrology overview consultant
Ted Livingston	Geology consultant

1981 (cont'd)

<u>Contractor</u>	<u>Contracted Service</u>
Washington State University	X-ray fluorescence analysis
Newell P. Campbell	Mapping
D. F. Stradling	Mapping
L. G. Hanson	Mapping
Washington State Department of Ecology	Water well reports
Washington State Department of Natural Resources	Mapping of Cenozoic sediments within Washington
University of Washington	Seismic monitoring

1982

Washington State University	Geological analysis
David G. Rice	Archeological consultant
Boyles Brothers	Drilling services
Washington State Department of Geology	Well reports
H. Tanaka	Overview Committee
D. Ford	Overview Committee
Washington State University (K. Liddell)	Equilibrium Modeling
Joint Center for Graduate Study	Computer time
University of Washington	Seismic monitoring