

# CENTER FOR NUCLEAR WASTE REGULATORY ANALYSES

## MEMORANDUM

TO: John E. Latz  
FROM: John L. Russell *JLR*  
SUBJECT: Consultant Service Contract for Dr. Douglas G. Brookins  
March 13, 1990

The following information is submitted in connection with this request to provide a consultant service contract for the period of February 28, 1990 through March 1, 1991 for the subject consultant. Dr. Douglas Brookins previous consulting agreement with the Institute expired on May 18, 1989.

### RATIONALE FOR CONTRACT:

Dr. Douglas G. Brookins was selected to provide consulting services for technical support of the Center's Geologic Setting Program Element in geochemistry, geochemical (natural) analogs, isotope geochemistry, radiometric age dating and related technical disciplines. Specific work may include DOE study plan review, DOE Site Characterization Progress Report review, participation in Center support of NRC/DOE technical exchange meetings and field trips, support of technical position and rule development, technical assistance in development of prelicensing guidance, and related activities. He may also participate in the development of scenarios of geologic events and processes for work related to performance assessment.

Dr. Brookins may also provide technical support to geochemical research conducted in the Center's research projects. He may conduct work for the Geochemistry, Geochemical Analogs, and certain other geochemical research projects which may be initiated in the future. His credentials and experience in the scientific disciplines noted above are outstanding. He has provided consulting services to Division 20 during the year prior to May 18, 1989 when his consulting contract with the Institute expired. His performance as a consultant for the Center was excellent during the term of his previous contract.

Dr. Brookins will provide expertise and experience in geoscience disciplines (stated above) which are not available from the staff in all Divisions of the Institute.

### PROJECT NUMBER (S):

20-3702-001      20-3702-002  
20-3704-012      20-3704-013  
20-3704-061      20-3704-062      20-3704-063  
Anticipated New Performance Assessment Activities.

### DAYS/HOURS REQUIRED:

Approximately 15 days of the consultant's time will be required for