

## **STATEMENT OF WORK FOR Mr. Rich Vance**

### **RATIONALE**

In FY 98, several tasks under the TWRS program involve writing summary reports on the existing processes, unit operations and treatment technologies for the low level and high level radioactive wastes. These tasks require expertise and work experience in the field of radioactive waste treatment and solidification. Due to the time constraints imposed on CNWRA staff who could perform these tasks and that the SwRI does not have expertise outside the CNWRA to perform these tasks, the work is planned to be performed by consultants.

### **ANTICIPATED ACTIVITIES**

Mr. Vance will generate summary reports, based on published literature, and provide technical guidance related to the unit operations associated with the waste treatment and solidification. The review will include unit operations for pretreatment, feed makeup, solidification, and off-gas treatment. and provide technical basis for existing technologies. In addition he will be asked to provide technical review, on a short turnaround schedule, on the submittals from TWRS privatization contractors -BNFL or LMAES.

The work shall be performed in FY98 and the results of the activity will be reported in the letter reports to the NRC.