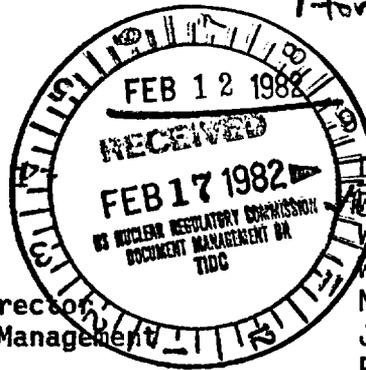


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MEMORANDUM FOR: John B. Martin, Director,  
Division of Waste Management

FROM: Malcolm R. Knapp  
High-Level Waste Licensing  
Management Branch  
Division of Waste Management

SUBJECT: NRC STAFF REVIEW OF DOE PERFORMANCE ASSESSMENT PROGRAM

Attached is the completed letter report on DOE's Performance Assessment Program which fulfills the Operating Plan Commitment due February 15, 1982, (PPSAS #31312.)

Highlights of issues discussed in the report include:

- DOE has not yet decided which codes will be used in the performance assessment of each site, and which modeling groups will have PA responsibilities.
- Many ONWI studies use figures of merit different from those found in EPA/NRC standards.
- It appears that the AEGIS and SCEPTER PA programs may not be available in time for site characterization studies at any of the sites.
- The AEGIS and SCEPTER programs have been focusing on research and code integration instead of code application.
- Coordination between the various modeling groups at the Hanford site must improve.
- DOE has not yet decided whether the NTS siting will be in the saturated or unsaturated zone. Unsaturated flow modeling capabilities have not been incorporated into the DOE program.

ORIGINAL SIGNED BY

Malcolm R. Knapp  
High-Level Waste Licensing  
Management Branch  
Division of Waste Management

Enclosure: As stated  
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