

Center for Nuclear Waste Regulatory Analyses

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June 15, 1995
Contract No. NRC-02-93-005
Account No. 20-5702-723

U.S. Nuclear Regulatory Commission
ATTN: Mr. T.J. McCartin
Performance Assessment & Hydrology Branch
Mail Stop T7D-13
Washington, DC 20555

Subject: Transmittal of Intermediate Milestone 20-5702-723-505: Report on Technical Description for FAULTING Module

Dear Mr. McCartin:

The subject milestone is specified in the CNWRA Operations Plans for the Division of Waste Management. A letter report entitled "Technical Specifications for a Fault Displacement Module," was prepared to fulfill this milestone. The subject report contains descriptions and discussions of the theoretical basis for a new faulting consequence module. The purpose of the new module, which will be incorporated into the Total-System Performance Assessment (TPA) code, is to represent the scenario of container failure resulting from fault displacement in the repository block. After completion of the FORTRAN coding of the new module, this letter report will be expanded into a user's guide as required by the CNWRA technical operating procedure for software control. It is expected that the user's guide will be designated as a new deliverable and issued as a CNWRA report, as has been done with other TPA modules. This new consequence module will be used in the Iterative Performance Assessment Phase 3 analysis.

The subject report fulfills IM 5702-723-505 and is submitted for your review and acceptance. If you have any questions, please contact me at (210) 522-3805 or Dr. Gerry Stirewalt at (703) 416-1129.

Very truly yours,

RGB
Robert G. Baca, Manager
Performance Assessment

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Full Text*

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Attachment
f:Module-Trans.ltr

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