

DCS

# Center for Nuclear Waste Regulatory Analyses

6220 CULEBRA ROAD • P.O. DRAWER 28510 • SAN ANTONIO, TEXAS, U.S.A. 78228-0510  
(210) 522-5160 • FAX (210) 522-5155

February 25, 1994  
Contract No. NRC-02-93-005  
Account No. 20-5702-723

U. S. Nuclear Regulatory Commission  
Attn: J. T. Buckley  
Mail Stop 4H3  
Washington, D.C. 20555

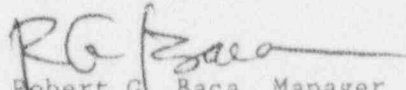
Subject: Transmittal of Intermediate Milestone (IM) 5702-723-415: User Guide for  
Drillo Modules

Dear Mr. Buckley:

The subject user guide is specified as a deliverable in the CNWRA Operations Plans for the Division of High-Level Waste Management for FY94-95. The user guide, which is entitled "DRILLO Code-A Module for Simulation of Human Intrusion Scenarios, Model Description, and User Guide, Iterative Performance Assessment Phase 2," describes the calculational bases, input instructions, output, and other attributes of the DRILLO modules. These consequence modules are key components of the Total-System Performance Assessment (TPA) code. The document was written and organized in accordance with the generic outline for user's guides that we have followed in the past. The user guide is submitted for your review and acceptance. The document fulfills IM 5702-723-415, entitled "User Guide for DRILLO Modules"

If you have any questions, please call me on 210/522-3805.

Very truly yours,



Robert G. Baca, Manager  
Performance Assessment & Hydrologic  
Transport

RGB/mag

E:Drillo-Trans.ltr

- cc: B. Meehan
- M. Knapp
- S. Fortuna
- B. Stiltenspole (2)
- J. Linehan
- M. Federline
- N. Eisenberg
- R. Wescott
- J. Holonich
- R. Ballard
- D. Brooks
- K. McConnell
- F. Costanzi

- M. Silberberg
- T. McCartin
- J. Latz
- W. Patrick
- CNWRA Directors
- CNWRA Element Managers
- C. Freitas
- S. Rowe

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Washington Office • Crystal Gateway One, Suite 1102 • 1235 Jefferson Davis Hwy. • Arlington, Virginia, 22202-3293

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**DRILLO CODE: A MODULE FOR SIMULATION OF HUMAN  
INTRUSION SCENARIOS, MODEL DESCRIPTION,  
AND USER GUIDE**

**Iterative Performance Assessment Phase 2**

*Prepared for*

**Nuclear Regulatory Commission  
Contract NRC-02-93-005**

*Prepared by*

**Center for Nuclear Waste Regulatory Analyses  
San Antonio, Texas**

**February 1994**

