

WM-11/KS/85/08/7

- 1 -

AUG 07 1985 - > 1

Dr. Maxwell B. Blanchard, Chief
Geologic Investigations Branch
Waste Management Project Office
Department of Energy
Nevada Operations Office
P.O. Box 14100
Las Vegas, NV 89114-4100

Dear Dr. Blanchard:

Tom Nicholson of NRC's Office of Nuclear Regulatory Research has passed on to me your request for copies of reports describing the progress or results of studies conducted by the University of Arizona for the NRC about unsaturated zone hydrology. The following reports are enclosed:

NUREG/CR-3206, Unsaturated Flow and Transport through Fractured Rock - Related to High-Level Waste Repositories, Final Report - Phase 1, by D.D. Evans.

NUREG/CR-3680, Relationship between the Gas Conductivity and Geometry of a Natural Fracture, by T.W. Schrauf and D.D. Evans.

NUREG/CR-4042, A 3-Dimensional Computer Model to simulate Fluid Flow and Contaminant Transport through a Rock Fracture System, by C. Huang and D.D. Evans.

If you have further requests, please do not hesitate to contact me (FTS 427-4611).

Distribution

W 7F WM-11

WMRP r/f

NMSS r/f

CF

REBrowning

MJBell

HJMiller

JLinehan

SCoplan

JKennedy

RBoyle

MKnapp

JGreeves

JBunting

RCook

PPrestholt

TVerma

JGiarratana

RJohnson

KStablein & r/f

TJNicholson

PDR

WM Record File

102.2

WM Project 11

Docket No.

PDR ✓

LPDR ✓ N

Sincerely,

~~Newton K. Stablein~~

Newton K. Stablein, Project Manager
Repository Projects Branch
Division of Waste Management

Distribution:

(Return to WM, 623-SS)

Enclosures: As stated (*Published reports*)

cc: D.L. Vieth, WMPO, DOE/NV
(w/o enclosures)

OFC :WMRP:ejc

NAME :KStablein

DATE :8/7/85

B509300034 B50807
PDR WASTE
WM-11

PDR

W1022 18

H

P