

AUG 22 1983

Dr. G.S. Hunt
Rockwell Hanford Operations -
Basalt Waste Isolation Project
P.O. Box 800
Hanford, WA 99352

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SUBJECT: NUREG/CR-3213, "PRESSURE TESTING OF FRACTURED ROCKS
-- A METHODOLOGY EMPLOYING THREE-DIMENSIONAL
CROSS-HOLE TESTS" BY P. A. HSIEH, S. P. NEUMAN AND
E. S. SIMPSON

Dear Dr. Hunt:

Attached are two copies of NUREG/CR-3213, "Pressure Testing of Fractured Rocks -- A Methodology Employing Three-Dimensional Cross-Hole Tests" by P. A. Hsieh, S. P. Neuman and E. S. Simpson. This is a topical report prepared for the Division of Health, Siting and Waste Management, Office of Nuclear Regulatory Research of the NRC by personnel of the University of Arizona under NRC Contract FIN B5753.

The techniques and preliminary results that are discussed in this report were discussed briefly by NRC and RHO hydrogeologists at the NRC/DOE-RHO workshop on hydrologic testing, held in Richland, Washington, July 11-15, 1983. In those discussion, Drs. Spane and Baker expressed an interest in receiving copies of the report when it was finalized and published. The NRC staff is transmitting copies of NUREG/CR-3213 for the background information of the BWIP staff; no action is required.

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Tilak R. Verma, Ph.D.,
Senior Hydrogeologist
High-Level Waste Technical
Development Branch
Division of Waste Management

Attachments:
NUREG/CR-3213

cc: Ralph Stein, DOE, HQ (w/o attachments)
Mark Frei, DOE, HQ (w/o attachments)

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