

17 November 1987

David Tiktinsky - SS623 U.S. Nuclear Regulatory Commission Division of Waste Management Washington, D.C. 20555 "NRC Technical Assistance for Design Reviews" Contract No. NRC-02-85-002 FIN D1016

Dear David:

Enclosed are items related to the use of rock reinforcement representations in FLAC and MUDEC:

- (1) a recent paper entitled "Rock Reinforcement: Mechanical Representation and Use in Finite Difference Schemes";
- (2) example calculations of parameters used in various models; and
- (3) example problems (data files) in which reinforcement was specified.

Please feel free to call me if you require additional information or if anything is unclear. We hope to send updated versions of FLAC and MUDEC for the DSI board this week.

Sincerely,

Loren J. Lorig

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