

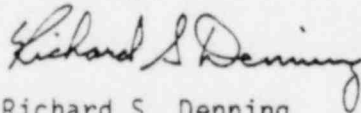
May 14, 1980

Dr. Gordon Edison  
Office of Nuclear Regulatory Research  
U.S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Dear Dr. Edison:

Enclosed is a copy of the monthly report for April, 1980, on the program "Analysis of Hypothetical Accidents Resulting in Core Meltdown", which is Task 8 of Contract NRC-04-76-293. The report describes the efforts for: Subtask 1, Reactor Safety Study Follow-on Program; Subtask 2, Probabilistic Uncertainty Analysis; Subtask 3, Analysis of Thermal-Hydraulic Behavior; and Subtask 4, Analysis of Radionuclide Transport.

Sincerely,



Richard S. Denning  
Research Leader  
Nuclear and Flow  
Systems Section

RSD:erc

Enc.

xc: W. Vesely  
J. Curry  
R. Mattson  
R. DeYoung  
R. Boyd  
T. Novak  
MA Taylor  
JA Murphy  
R. DiSalvo

~~Div. of Tech. Info. and~~  
Document Control (2)

XCO3  
S  
//