

# NRC Research and Technical Assistance Report

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July 16, 1979

Mr. Mark A. Cunningham  
Office of Nuclear Regulatory Research  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Dear Mr. Cunningham:

Enclosed is a copy of the monthly report for June, 1979, 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; and Subtask 3, Analysis of Thermal-Hydraulic Behavior.

In April and May, \$58,100 in costs were incurred in responding to the Three-Mile Island accident. If the initial objectives of the on-going tasks are to be met, it will be necessary to supplement FY80 funds by this amount. The current project balance including Three-Mile Island costs is \$245.7K.

Sincerely,



Richard S. Denning  
Research Leader  
Nuclear and Flow Systems Section

RSD/sm

Enc.

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