

INTERIM REPORT

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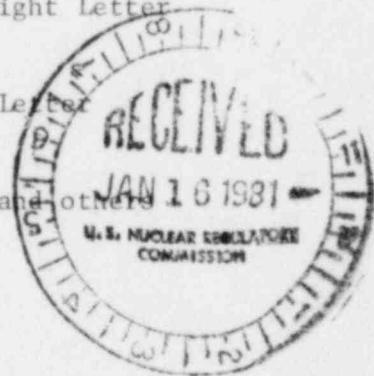
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NRC Research and Technical  
Assistance Report

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Monthly Highlights

for

June, 1980\*

Thermal Hydraulic LMFBR Safety Experiments

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NRC Research and Technical  
Assistance Report

1. Thermal Hydraulic LMFBR Safety Experiments

1.1 Hydrodynamic Characteristics of Two-Phase Dispersed Systems (T. Ginsberg, J. Klages, G. Zimmer, Y. Sanborn; J. Chen, Lehigh University)

The preliminary experiments designed to evaluate the effect of injector tube disturbances on two-phase pool flow have been completed. Void fraction and pressure profiles have been measured in the bubbly test column, with and without injector tubes. Data reduction and analysis are underway.

1.2 Fuel Relocation Studies (G.A. Greene)

A draft of the final report entitled "Freezing of Multiphase Mixtures Flowing Downward in Circular Tubes" by G. A. Greene, was transmitted to D. Basdekas.

Distribution Thermal Hydraulic LMFBR Development Program

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