

INTERIM REPORT

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Contract Program or Project Title: Light Water Reactor Thermal Hydraulic Development Program

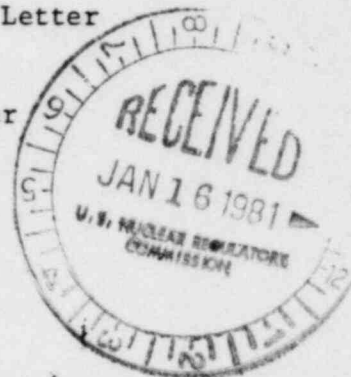
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NRC Research and Technical
Assistance Report

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Monthly Highlights

for

July, 1980*

Light Water Reactor Thermal Hydraulic Development Division

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* Work carried out under the auspices of the United States Nuclear Regulatory Commission.

NRC Research and Technical
Assistance Report

1. Non Equilibrium Phase Change Studies

1.1 Flashing Experiments (G. Zimmer, J.H. Klein, and N. Abuaf)

The data obtained during the flashing experiments, axial pressure distributions and transverse chordal averaged void fraction profiles were all converted into engineering units. For each axial location area-averaged void fractions were also calculated from the detailed transverse distributions. A hard copy of all the data, including graphs, was forwarded to NRC.

The comparison of the measured data with the TRAC predictions was also initiated.

Distribution Light Water Reactor Thermal Hydraulic Development Program

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