

INTERIM REPORT

Accession No. _____

Contract Program or Project Title:

PWR Blowdown/ECC

Subject of this Document:

Program Progress

Type of Document:

Monthly Letter

Author(s):

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Date of Document:

JULY 1980

Responsible NRC Individual and NRC Office or Division:

W. D. Beckner



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Prepared for
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

INTERIM REPORT

NRC Research and Technical
Assistance Report

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NUCLEAR ENERGY

ENGINEERING

DIVISION

Mail Code 583

August 7, 1980

TO: Edward L. Halman, Director
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Washington, D.C. 20555

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SUBJECT: BWR Blowdown/ECC Program
Contract No. NRC-04-76-215
Informal Monthly Progress Report for July 1980

Gentlemen:

The following summarizes the subject matter covered in the attached report:

The two remaining large break matrix tests were completed successfully. The results seem to indicate that the drag disc and turbine meter devices performed satisfactorily.

Distribution of this report is being made in accordance with the "Monthly Distribution List" provided with W.D. Beckner's letter of September 6, 1979.

Very truly yours,



G.W. Burnette, Manager
External Programs (408) 925-5375

cc: RG Back

/fs: attachment

NRC Research and Technical
Assistance Report

BWR BD/ECC PROGRAM

FIFTY-SEVENTH MONTHLY PROGRAM

JULY 1980

Prepared for:

Division of Reactor Safety Research
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555
NRC-FIN NO. B3014

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EPRI Project No. RP-495-1

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by:

General Electric Company

Under:

Contract No. NRC-04-76-215

BD/ECC PROGRAM
FIFTY-SEVENTH MONTHLY REPORT
JULY 1980

Summary

The two remaining large break matrix tests were completed successfully. The results seem to indicate that the drag disc and turbine meter devices performed satisfactorily.

Task CC - Test Facility Preparation

Work continued on the proposal for upgrading the TLTA, including giving it the capability of transient tests from quasi-steady state conditions.

Task IF - Testing

The two remaining large break matrix tests (6424 and 6425) were run successfully and on schedule.

Task GG - Analysis

Large Break Test Results


The results of the last two tests (6424 and 6425) seem to indicate that the drag disc and turbine meter devices performed satisfactorily. Further evaluation of the results is continuing.

Small Break Test Results

Work on the final report of the TLTA small break tests has been initiated. The report is expected to be issued next quarter.

Boil-off Test Results

Preliminary evaluation of data from the boil-off tests was completed. Evaluation of local flow conditions and heat transfer rates for these tests is ongoing.



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