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INTERIM REPORT

Accession No. _____
Contractor's Report No. _____

Contract Program or Project Title: LWR Source Term Measurements Program

Subject of this Document: Progress reported for September 1979

Type of Document: Informal monthly letter progress report

Author(s): John W. Mandler

Date of Document: October 12, 1979

Responsible NRC Individual and NRC Office or Division: _____

Donald E. Solberg, Chief, Systems Performance Research Branch, SAFER:RES

This document was prepared primarily for preliminary or internal use. It has not received full review and approval. Since there may be substantive changes, this document should not be considered final.

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Washington, D.C. 20555

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NRC FIN No. A6075

NRC Research and Technical
Interim Report

INTERIM REPORT

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October 12, 1979

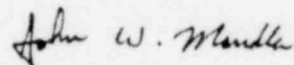
Mr. R. E. Wood, Director
Energy and Technology Division
Idaho Operations Office - DOE
Idaho Falls, ID 83201

TRANSMITTAL OF SEPTEMBER, 1979 MONTHLY PROGRESS REPORT FOR LWR SOURCE
TERM MEASUREMENTS PROGRAM - Mand-35-79

Dear Mr. Wood:

Attached is the monthly progress report for the LWR Source Term
Measurements Program (project No. A6075) for the month of September,
1979.

Sincerely yours,



John W. Mandler
Applied Physics Branch

jr

Attachment:
As stated

cc: W. A. Emel, ENICO
C. E. Gilmore, DOE-ID
J. Y. Lee, NRC
B. G. Motes, ENICO
B. C. Musgrave, ENICO
D. E. Solberg, NRC ✓
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R. W. Kiehn, EG&G Idaho

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TECHNICAL PROGRAM PROGRESS REPORT

Idaho

Physics Division

September, 1979

OPERATIONS OFFICE

DIVISION

PERIOD REPORTED

40 10 01 064

Environmental and Fuel Cycle Research

J. W. Mandler/10-12-79

ACTIVITY NO

ACTIVITY TITLE

PREPARED BY DATE

A6075

Source Term Measurements at PWR's

I-399

CONTRACTOR PROJ. NO.

PROJECT TITLE

REF (PROJ. PROPOSAL
DOE-189)TECHNICAL PROGRESSAchievements This Month:A. Program Planning and Measurements

1. Rancho Seco Station:

Writing of the final report for the measurements made at Rancho Seco continued during September. The main emphasis of the work was the revision of the individual sections that was requested by EG&G and ENICO Source Term program managers. These revisions will be reviewed during October.

2. Turkey Point Station:

Revision of the final report for the measurements made at Turkey Point continued during September.

3. Three Mile Island:

It is anticipated that the emphasis of the Source Term Program will be redirected to Three Mile Island (TMI) related studies. The NRC has not yet defined the scope of these studies. It is anticipated that the TMI related studies will be defined during the early part of FY 1980.

4. Final Report:

Work on the final report proceeded during September. The main emphasis during the month was on correlation and interpretation of the data obtained at all four PWR's investigated.

B. Reports Issued This Month

None

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C. Expenditures

Total expenditures were:

September, 1979: \$57.9K

Total for FY 1979: \$856.5K

**EG&G**

Idaho, Inc.

FORM EG&G 446A
(Rev. 10-77)**TECHNICAL PROGRAM PROGRESS REPORT**

Idaho

OPERATIONS OFFICE

Physics Division

DIVISION

September, 1979

PERIOD REPORTED

C. Expenditures (cont'd)

Total FY 1979 expenditures for TMI activities were \$195.1K.

D. Expected Accomplishments Next Month

1. Submit report describing the new data analysis system installed in the NRC Mobile Laboratory.
2. Continue review and revision of final report for measurements made at Rancho Seco.
3. Continue data correlation and interpretation and preparation of final report summarizing studies made at four PWR's.

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