

INTERIM REPORT

October 23, 1980

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Contractors Report No. _____

Contract Program or Project Title: LWR In-Plant Measurement Program

Subject of this Document: Reporting for September 1980

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Author(s): John W. Mandler

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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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DISTRIBUTION

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Washington, D.C. 20555

NRC FIN No. A6075

INTERIM REPORT

NRC Research and Technical
Assistance Report

8010310553

October 15, 1980

Mr. R. E. Wood, Director
Energy and Technology Division
Idaho Operations Office - DOE
Idaho Falls, ID 83401

TRANSMITTAL OF SEPTEMBER, 1980 MONTHLY PROGRESS REPORT FOR LWR IN-PLANT
MEASUREMENT PROGRAM - Mand-45-80

Dear Mr. Wood:

Attached is the monthly progress report for the LWR In-Plant Measurement
Program (project No. A6075) for the month of September 1980.

Sincerely yours,

John W. Mandler

John W. Mandler
Applied Physics Branch

jr

Attachment:
As stated

cc: B. R. Dickey, ENICO
W. A. Emel, ENICO
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TECHNICAL PROGRAM PROGRESS REPORT

Idaho

Physics Division

September 1980

OPERATIONS OFFICE

DIVISION

PERIOD REPORTED

40 10 01 064

Environmental and Fuel Cycle Research

J. W. Mandler/10-15-80

ACTIVITY NO

ACTIVITY TITLE

PREPARED BY/DATE

A-6075

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 Measurements1. Prairie Island Station:

During September major emphasis was placed on preparing for the measurements at Prairie Island that will begin in October. INEL personnel and C. Pelletier went to Prairie Island to study the plant systems and to begin detailed planning of the measurements to be conducted. The mobile laboratory is scheduled to be moved from INEL to Prairie Island during the week of 10/12/80. Measurements are scheduled to be initiated during the week of 10/26/80.

2. Remote Monitoring Subtask:

The final report for this subtask was completed and submitted to the NRC for review and comments.

3. Radionuclide Transport Subtask:

The final report for this subtask was completed during September and will be submitted to the NRC after it has undergone internal review.

4. Program Management:

ENICO participation in the program terminated at the end of September. Two of the three ENICO personnel who have worked full time on the program transferred to EG&G thereby keeping the Source Term crew essentially intact.

B. Reports Issued This Month

"Review of Instrumentation and Techniques Applicable to Remote Monitoring of Reactor Coolant," EG&G Idaho.



TECHNICAL PROGRAM PROGRESS REPORT

Idaho

Physics Division

September 1980

OPERATIONS OFFICE

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C. Expenditures

	<u>Budget</u>	<u>Actual</u>
September, 1980	\$ 83.7K	\$ 30.0K
FY 1980 to date	\$683.7K	\$564.6K

Due to the unexpected delays in the initiation of measurements at Prairie Island, the actual expenditures for FY 1980 were \$119.1K below budget. This \$119.1K will be carried over into FY 1981 and will be expended for the measurements at Prairie Island.

D. Expected Accomplishments Next Month

1. Complete preparations for measurements at Prairie Island.
2. Move mobile laboratory to Prairie Island.
3. Set up mobile laboratory at Prairie Island and begin detailed measurement study.
4. Submit final report for Radionuclide Transport Subtask to the NRC for review and comments.