

9310526-②
 PD-AAA-211-01

931-0526

CLASSIFICATION
 PROJECT EVALUATION SUMMARY (PES) - PART I

Report Symbol U-447

| | | |
|--|--|-----------------------------------|
| 1. PROJECT TITLE Artificial Propagation of Milkfish | 2. PROJECT NUMBER 931-0526 | 3. MISSION/AID/W OFFICE DS/AGR |
| | 4. EVALUATION NUMBER (Enter the number maintained by the reporting unit e.g., Country or AID/W Administrative Code, Fiscal Year, Serial No. beginning with No. 1 each FY) <u>80-51</u> <u>6/18/80</u> | |
| <input checked="" type="checkbox"/> REGULAR EVALUATION <input type="checkbox"/> SPECIAL EVALUATION | | |

| | | | | | |
|---|--|---|--|---------------------------------|-------------------------------|
| 5. KEY PROJECT IMPLEMENTATION DATES | | | 6. ESTIMATED PROJECT FUNDING A. Total \$ _____ B. U.S. \$ <u>1,268</u> | 7. PERIOD COVERED BY EVALUATION | |
| A. First PRO-AG or Equivalent FY <u>75</u> | B. Final Obligation Expected FY <u>80</u> | C. Final Input Delivery FY <u>80</u> | | From (month/yr.) <u>1/13/75</u> | To (month/yr.) <u>1/12/80</u> |

B. ACTION DECISIONS APPROVED BY MISSION OR AID/W OFFICE DIRECTOR

| A. List decisions and/or unresolved issues; cite those items needing further study. (NOTE: Mission decisions which anticipate AID/W or regional office action should specify type of document, e.g., airgram, SPAR, PIO, which will present detailed request.) | B. NAME OF OFFICER RESPONSIBLE FOR ACTION | C. DATE ACTION TO BE COMPLETED |
|--|---|--------------------------------|
| Final review completed. No further action required. | Richard Neal | 4/29/80 |

9. INVENTORY OF DOCUMENTS TO BE REVISED PER ABOVE DECISIONS

| | | |
|--|--|--|
| <input type="checkbox"/> Project Paper | <input type="checkbox"/> Implementation Plan e.g., CPI Network | <input type="checkbox"/> Other (Specify) _____ |
| <input type="checkbox"/> Financial Plan | <input type="checkbox"/> PIO/T | <input type="checkbox"/> Other (Specify) _____ |
| <input type="checkbox"/> Logical Framework | <input type="checkbox"/> PIO/C | |
| <input type="checkbox"/> Project Agreement | <input type="checkbox"/> PIO/P | |

10. ALTERNATIVE DECISIONS ON FUTURE OF PROJECT

A. Continue Project Without Change

B. Change Project Design and/or Change Implementation Plan

C. Discontinue Project

11. PROJECT OFFICER AND HOST COUNTRY OR OTHER RANKING PARTICIPANTS AS APPROPRIATE (Names and Titles)

Richard A. Neal, DS/AGR - Project Manager

Charles A. Breitenbach, DS/AGR

Steve Engberg, DS/AGR

Ray Solem, DS/AGR

12. Mission/AID/W Office Director Approval

Signature _____

Typed Name DS/DAA/FN, Tony Babb

Date 8/8/80

PROJECT EVALUATION SUMMARY - PART II

Summary:

Project has been terminated following completion of research activities. Some of original research objectives were not achieved and a detailed discussion of reasons for this is presented in the attached terminal review. The research was, nevertheless, successful in that considerable progress was made toward solution of the problem, our inability to spawn milkfish in captivity.

Evaluation Methodology:

The review team consisted of Dr. Clarence Idyll and Mr. Ben Drucker, both from the National Marine Fisheries Service. Richard Neal, project manager, assisted with the evaluation. Two days were spent in Hawaii discussing research work and results with O.I. scientists and administrators.

External Factors:

Scarcity of milkfish in Hawaii, theft of adult fish and unforeseen problems of catching, holding and handling the fish contributed to the problem of insufficient maturing adults for experimental purposes. The research was more difficult than either A.I.D. or O.I. had anticipated; therefore, the research plan was modified during the course of the contract. See the evaluation for more details.

Inputs:

Not pertinent at this time.

Outputs:

Outputs were beneficial and acceptable but fell short of anticipated outputs. Additional adaptive research remains to be done on this problem prior to establishment of working hatcheries. See evaluation for more detailed discussions.

Purpose:

The purpose was to determine methods for supplying an adequate and predictable quantity of juvenile milkfish to fish farmers in LDC's. Significant and useful progress was made toward this purpose; however, it was not completed as planned. Since project has been terminated further progress cannot be expected from O.I. Several other research laboratories in other countries are continuing the research and are making full use of the results of this study. See the attached evaluation for a more complete discussion.

Goal/Subgoal:

The project goal is to increase production of milkfish in developing countries thereby increasing the availability of low priced animal food, improving human nutrition and increasing employment. The research moved the state of technology

a large step closer to this goal, and major obstacles to success have now been overcome.

Beneficiaries:

Direct beneficiaries will be researchers working on the milkfish reproduction problem. Indirect beneficiaries will be the poor in LDC as milkfish production is eventually expanded.

Unplanned Effects:

Not pertinent at this time.

Lessons Learned:

Research projects must be designed with a high degree of flexibility because research results cannot be predicted.

Special Comments or Remarks:

The project is considered a successful one overall in spite of shortcomings. Research was conducted successfully, the O.I. was responsive to changing guidelines and the quality of the research was good. Funds were spent in a useful way toward solution of the problem and important progress was made.