PD-AAA-279-D1

5120247 (8) RS/15

AID 1020-25 (10-70) REPORT U-440

4p.

PROJECT APPRAISAL REPORT (PAR)

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1. PROJECT NO.	2. PAR FOR PERIOD:	3. COUNTRY	4. PAR SERIAL NO.
512-15-180-247.4	1/70 TO 2/71	Brazil	1

5. PROJECT TITLE

Fish Production, Processing and Marketing (NE)

6. PROJECT DURATION: Began FY 66 Ends FY 71	7. DATE LATEST PROP	8. DATE LATEST PIP	9. DATE PRIOR PAR
	12/31/69	7/67	No prior

10. U.S. FUNDING	a. Cumulative Obligation Thru Prior FY: $ 756,000	b. Current FY Estimated Budget: $ 110,000	c. Estimated Budget to completion After Current FY: $ 225,000

11. KEY ACTION AGENTS (Contractor, Participating Agency or Voluntary Agency)

a. NAME	b. CONTRACT, PASA OR VOL. AG. NO.
National Marine Fisheries Service	PASA/USDC
Auburn University	Contract

I. NEW ACTIONS PROPOSED AND REQUESTED AS A RESULT OF THIS EVALUATION

A. ACTION (X) USAID	AID/W	HOST	B. LIST OF ACTIONS	C. PROPOSED ACTION COMPLETION DATE
x			1. PROP should be revised to extend project into FY-73. a) allow PASA to expire as scheduled (June 30/71) b) extend Auburn U. contract to new completion of project date. c) train an additional 3 long term and 3 short term participants.	Apr. 15

D. REPLANNING REQUIRES REVISED OR NEW: [x] PROP [x] PIP [x] PRO AG [x] PIO/T [ ] PIO/C [x] PIO/P

E. DATE OF MISSION REVIEW February 9, 1971

PROJECT MANAGER: TYPED NAME, SIGNED INITIALS AND DATE: George H. Rees 2/16/71

MISSION DIRECTOR: TYPED NAME, SIGNED INITIALS AND DATE: Robert J. Ballantyne, Deputy Director

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II. PERFORMANCE OF KEY INPUTS AND ACTION AGENTS

A. INPUT OR ACTION AGENT — CONTRACTOR, PARTICIPATING AGENCY OR VOLUNTARY AGENCY	B. PERFORMANCE AGAINST PLAN: UNSATISFACTORY 1	2	SATISFACTORY 3	4	5	OUTSTANDING 6	7	C. IMPORTANCE FOR ACHIEVING PROJECT PURPOSE (X): LOW 1	MEDIUM 2	3	4	HIGH 5
1. National Marine Fisheries Service					X							X
2. Auburn University					X							X
3.												

Comment on key factors determining rating

The technicians from both the PASA and Auburn Univ. teams are experienced and technically qualified. They work well with USAID and SUDENE/DNOCS* and have fulfilled project technical requirements.

*SUDENE - Superintendency for Northeast Development
DNOCS - National Department of Works Against the Drought

	1	2	3	4	5	6	7	1	2	3	4	5
4. PARTICIPANT TRAINING					X							X

Comment on key factors determining rating

Training programs have been suitable. All but one of the returned participants have remained in the organization and are contributing effectively to the project.

	1	2	3	4	5	6	7	1	2	3	4	5
5. COMMODITIES					X							X

Comment on key factors determining rating

The commodity element is relatively small and is being easily managed. Shipments are arriving on time and are being installed and used shortly thereafter.

		1	2	3	4	5	6	7	1	2	3	4	5
6. COOPERATING COUNTRY	a. PERSONNEL					X							X
	b. OTHER					X							X

Comment on key factors determining rating

DNOCS has its own organizational problems but it has been responsive to USAID requests with regard to this project. Logistical support for US technicians has been good.

	1	2	3	4	5	6	7	1	2	3	4	5
7. OTHER DONORS NA												

(See Next Page for Comments on Other Donors)

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II. 7. Continued: Comment on key factors determining rating of Other Donors

NA

III. KEY OUTPUT INDICATORS AND TARGETS

A. QUANTITATIVE INDICATORS FOR MAJOR OUTPUTS		TARGETS (Percentage, Rate/Amount)					
		CUMULATIVE PRIOR FY	CURRENT FY TO DATE	CURRENT FY TO END	FY 72	FY 73	END OF PROJECT
Participant Training (in no. returned)	PLANNED	24	27	27	27	27	27
	ACTUAL PERFORMANCE	22	24				
	REPLANNED			24	28	29	31
Functional Laboratory Facilities (in number)	PLANNED	2	3	3	3	3	3
	ACTUAL PERFORMANCE	2	3				
	REPLANNED						
Amount increased Production of DNOCS Fish Hatcheries since 1965 (in percent)	PLANNED	50%	50%	75%	100%	100%	100%
	ACTUAL PERFORMANCE	50	50				
	REPLANNED			-	-	-	-
	PLANNED						
	ACTUAL PERFORMANCE						
	REPLANNED						

B. QUALITATIVE INDICATORS FOR MAJOR OUTPUTS	COMMENT:
1. Brazilians improve management practices of reservoirs	Management practices at two large reservoirs have been improved with U.S. assistance. We believe this can be done without U.S. advice by FY 73 (end of tour of Davies)
2. Brazilians develop fish culture systems.	Brazilian are approximately 3 years away from this with U.S. technical assistance.
3. Brazilians conducting research and extension in handling and distribution of fish.	Brazilians are self-sufficient in fish technology research development, and are arranging an extension program.

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IV. PROJECT PURPOSE

A. 1. Statement of purpose as currently envisaged. 2. Same as in PROP? ☒ YES ☐ NO

Establish within DNOCS the capacity to carry out research, development and extension activities of fresh water fish resources.

B. 1. Conditions which will exist when above purpose is achieved.	2. Evidence to date of progress toward these conditions.
1. Self sufficiency in planning and carrying out research development and extension activities.	1. Project plans, research reports, and observation, give evidence of self-sufficiency now in technology, of self-sufficiency in resource management in about 1 year from now and of self-sufficiency in fish culture in 2 to 2 1/2 years from now.
2. Operational systems of fishery technology, resource management and fish culture.	2. Extension activities are underway in technology and management, but not in fish culture.
3. GOB budget support at level to continue planned operations.	3. Budget submitted by DNOCS and approved by Min. of Interior.

V. PROGRAMMING GOAL

A. Statement of Programming Goal

Insure the maximum sustainable protein yield from the reservoirs, introduce systems of pond fish culture and improve fish processing and marketing practices.

B. Will the achievement of the project purpose make a significant contribution to the programming goal, given the magnitude of the national problem? Cite evidence.

If purpose achieved GOB will have the capability to achieve the programming goal. DNOCS has prepared draft agreement with the extension service for the divulgation of fish processing. Improved management practices at two supervised reservoirs have increased yields; the number of supervised reservoirs has been increased to 5.