

Mr. David Mayer, ADC/DRB/PTIS
4920233 (4)

| | | | | | |
|--|-----|-------------------------|-----|--|------------|
| AID 1020-25 (7-68) | | SECURITY CLASSIFICATION | | 001 PROJECT NUMBER | |
| PROJECT APPRAISAL REPORT (PAR) (U-446) See M.O. 1026.1 | | UNCLASSIFIED | | 492-11-120-239 | |
| 002 PAR | MO. | DAY | YR. | 003 U.S. OBLIGATION SPAN | |
| AS OF: | 04 | 30 | 69 | FY 63 | Thru FY 70 |
| 005 COOPERATING COUNTRY - REGION - AID/W OFFICE | | | | 004 PROJECT TITLE | |
| PHILIPPINES | | | | PD-AAD-499-ET WATER RESOURCES DEVELOPMENT (Formerly two projects - (1) Agricultural Productivity - Irrigation; (2) Water Resource Survey Project). | |

| AID DOLLAR FINANCING-OBLIGATIONS (\$000) | TOTAL | CON-TRACT (NON-ADD) | PERSONNEL SERVICES | | | PARTICIPANTS | | COMMODITIES | | OTHER COSTS | |
|---|-------|---------------------|--------------------|------|-----------|--------------|-----------|-------------|-----------|-------------|-----------|
| | | | AID | PASA | CON-TRACT | DIR. PASA | CON-TRACT | DIR. PASA | CON-TRACT | DIR. PASA | CON-TRACT |
| CUMULATIVE NET THRU ACTUAL YEAR (FY 1968) | 1,813 | | 161 | 660 | 350 | 80 | | 561 | | 1 | 20p. |
| PROPOSED OPERATIONAL YEAR (FY 1969) | 108 | | 32 | 66 | | 10 | | | | | |

CCC VALUE OF P.L. 480 COMMODITIES (\$000) → Thru Actual Year : Operational Year Program :

| TYPE CODE b | TYPE CODE c | a. IMPLEMENTING AGENCY | TYPE CODE | | d. CONTRACT/PASA/VOLAG NO. | e. LEAVE BLANK FOR AID/W USE |
|---|---|-------------------------------|-----------|----|----------------------------|------------------------------|
| | | | b. | c. | | |
| 1. U.S. CONTRACTOR 2. LOCAL CONTRACTOR 3. THIRD COUNTRY CONTRACTOR 4. PARTICIPATING AGENCY 5. VOLUNTARY AGENCY 6. OTHER: | 0. PARTICIPATING AGENCY 1. UNIVERSITY 2. NON-PROFIT INSTITUTION 3. ARCHITECTURAL & ENGINEERING 4. CONSTRUCTION 5. OTHER COMMERCIAL 6. INDIVIDUAL 7. OTHER: | 1. U.S. Bureau of Reclamation | 4 | 0 | FE-26-00 | |
| | | 2. | | | | |
| | | 3. | | | | |

PART I - PROJECT IMPACT

I-A. GENERAL NARRATIVE STATEMENT ON PROJECT EFFECTIVENESS, SIGNIFICANCE & EFFICIENCY.

This summary narrative should begin with a brief (one or two paragraph) statement of the principal events in the history of the project since the last PAR. Following this should come a concise narrative statement which evaluates the overall efficiency, effectiveness and significance of the project from the standpoint of:

- (1) overall performance and effectiveness of project implementation in achieving stated project targets;
- (2) the contribution to achievement of sector and goal plans;
- (3) anticipated results compared to costs, i.e., efficiency in resource utilization;
- (4) the continued relevance, importance and significance of the project to country development and/or the furtherance of U.S. objectives.

Include in the above outline, as necessary and appropriate, significant remedial actions undertaken or planned. The narrative can best be done after the rest of PART I is completed. It should integrate the partial analyses in I-B and I-C into an overall balanced appraisal of the project's impact. The narrative can refer to other sections of the PAR which are pertinent. If the evaluation in the previous PAR has not significantly changed, or if the project is too new to have achieved significant results, this Part should so state.

008 NARRATIVE FOR PART I-A (Continue on form AID 1020-25 I as necessary);

| | | |
|-----------------------------|--------------------|---------------|
| MISSION DIRECTOR APPROVAL → | SIGNATURE | DATE |
| | <i>[Signature]</i> | <i>[Date]</i> |

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PAR CONTINUATION SHEET

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008 Narrative for Part I-A:

This, the initial PAR, is being prepared simultaneously with the PIP for this project, which is a consolidation (in FY 68) of two previously separate and unrelated projects: (1) Water Resources Survey and (2) Agricultural Productivity -- Irrigation.

Activities of the original Water Resources Survey Project are being continued under the guidance and monitoring of the US Bureau of Reclamation (BuRec) PASA team. These activities include collection, compilation, analysis and publication of basic hydrologic, meteorologic, and land use data; topographic mapping and geologic exploration of proposed damsites; and general investigations and preparation of feasibility studies for multipurpose water resource projects. This work is being accomplished primarily by the Water Resources Survey Division (WRSD) of the GOP's Bureau of Public Works (BPW).

The original purposes of the Water Resources Survey Project have been fairly well achieved with five major river basin program type reports, one river basin reconnaissance report, and one multipurpose project feasibility study report being produced. The feasibility study (the Upper Pampanga River Project) has been used by the GOP to support a loan application to the IBRD for foreign exchange financing for the project. In February, 1969, the World Bank indicated their favorable consideration of the project, by formally inviting the GOP to negotiate a loan for "up to \$35 million", upon enactment of the required enabling legislation.

While training of host country personnel was not one of the primary original objectives, it has now assumed major significance. Currently, development of capability in overall multipurpose river basin development planning is considered extremely important. In fact, the thrust of the technical assistance, furnished by BuRec, relating to water resources has shifted to focus on establishing a local capability so that continued reliance by the GOP on external assistance can be dispensed with eventually.

Irrigation activities are implemented primarily through the GOP's National Irrigation Administration (NIA), with AID inputs being directed principally towards upgrading the NIA's operations and maintenance capability. USAID inputs include PL 480 local currency loans for irrigation system rehabilitation and emergency repair as well as equipment rehabilitation and repair; a \$4.7 million loan to purchase US equipment to augment the NIA's existing equipment complement; and, grant funded technical assistance, specifically directed at upgrading the overall NIA equipment management program.

A major PL 480 local currency loan supported project was the Angat River Irrigation System rehabilitation and expansion, started in January, 1967 and substantially completed by August, 1968. An introspective

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appraisal of the results of that project by the USAID technician involved in its monitoring concludes that while the physical work was satisfactorily accomplished in general accordance with the Project Agreement, the qualitative results relating to effective overall operation, maintenance, and management were somewhat less than desired or originally contemplated. A detailed discussion and evaluation is contained in an August 9, 1968 Memorandum by Owen K. Brown, Irrigation Farm Advisor, subject: "Evaluation of the Angat River Irrigation System Project as Affected by the USAID/Philippines PL-480 Loan" which is on file in the Engineering Division of USAID/Philippines.

President Marcos' appointment in December, 1966 of a dedicated, competent, aggressive, non-political Administrator (Mr. A. L. Juinio) for the NIA has sparked the agency to new life, with encouraging accomplishments and results over the past two years. Also, under his management the organization has been more responsive to, and more cooperative with, USAID's financial and technical assistance efforts and inputs.

With the imposition of BALPA overseas personnel restriction USAID decided in early FY 1969 to terminate the activities of the remaining two man BuRec PASA water resources technical assistance team at the end of FY 1969. However, repeated requests and pleas, and finally, a proposal by the GOP to partially fund from GOP dollar resources the continuation -- and expansion -- of the activities has evoked USAID support for the project in its present consolidated form. The new project will involve a four man BuRec technical assistance team, two of whom will be grant-funded by AID while two will be dollar funded by the GOP from the proceeds of the Feasibility Study Loan. AID will also grant-fund land classification laboratory equipment and the GOP will dollar fund and procure a reverse circulation rotary drill rig and three jeeps for field transportation for the BuRec team from savings from the \$4.7 million irrigation equipment loan.

Continued US support for this essential sectoral development activity is also encouraged by other indications of an evolution within the GOP of a fresh national water resources viewpoint. Responsible officials of the Philippine bureaucracy, as well as prominent and respected politicians, have manifested a growing interest in and vigorous support for sound, methodical water resources planning and development. To eliminate the duplicatory efforts and wasted resources expended by the present fragmented, sometimes competitive water agencies, the Interim Water Resources Committee appointed by President Marcos has sponsored legislation, supported by legislative leaders, designed to achieve integration and coordination of all water resources development planning as well as resource and priority allocation under a unified commission or authority. In the area of irrigation, President Marcos has directed that studies be made and ways found to transfer nationally owned and operated gravity irrigation systems to the private sector for management,

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operation, maintenance, amortization of capital cost, and eventual ownership. Supporting this concept, USAID has financed a short visit to Taiwan for three of Executive Secretary Salas' technical assistance to observe, study, and recommend the best of the highly successful irrigation association concepts, practices, and procedures for adoption, if possible by the Philippines.

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PART I-B - PROJECT EFFECTIVENESS

X09 I-B-1 - OUTPUT REPORT AND FORECAST - (See detailed instructions)

| CODE NO. AID/W USE ONLY | 2. This section is designed to record progress toward the achievement of each project output target which was scheduled in the PIP, Part II. Where progress toward a target is significantly greater or less than scheduled, describe reason(s) beneath the target. | ACTUAL AND PLANNED OUTPUTS (ALL DATA CUMULATIVE) | | | | 6. PROJECTED TOTAL FOR PROJECT LIFE |
|----------------------------------|--|--|------------------------|-----------|----------------------------|-------------------------------------|
| | | 3. ACTUAL CUM. TO DATE | 4. AS OF PRIOR JUNE 30 | | 5. PLANNED BY NEXT JUNE 30 | |
| | | | a. PLANNED | b. ACTUAL | | |
| | <p><u>(Specific Targets numbered to correspond to Part II of the PIP - being simultaneously prepared).</u></p> <p>1.a. <u>Feasibility Studies:</u> Work in progress on two projects, Balog-Balog and Balintongan - both in Central Luzon Basin. Pantabangan completed in late 1966 and used to support loan application by GOP to IBRD.</p> <p>b. <u>Pre-feasibility (reconnaissance) studies:</u> Central Luzon Basin completed - others not contemplated during next few years.</p> <p>c. Collection, compilation, collation and publication of basic hydrologic data, nationwide.</p> <p>2.a. Demonstration plot for shallow groundwater pumping for irrigation - to gather technical and economic data. Project is slightly behind schedule, but objectives not damaged or compromised. Activity will decline during June-October, 1969 (rainy season)</p> <p>b. Enactment of required legislation for exploitation and control of groundwater - also need tie-in with and improvement of existing surface water legislation.</p> <p>3.a. Improvement of NIA equipment management capability. Encouraging improvement has been recorded.</p> | | | | | |
| | | 1 | 1 | 1 | 1 | 3 |
| | | 1 | 1 | 1 | 1 | |
| | | | Continuing activity | | | |
| | | 30% | 0 | 0 | 35% | 100% as of 8/31/71 |
| | | 0 | 0 | 0 | 0 | 100% as of 5/31/71 |
| | | 30% | 10% | 10% | 50% | 80% as of 6/30/71 |

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PART I-B - PROJECT EFFECTIVENESS

I-B-1 - OUTPUT REPORT AND FORECAST - (See detailed instructions)

| 2. ODE NO. ID/W JSE NLY | This section is designed to record progress toward the achievement of each project output target which was scheduled in the PIP, Part II. Where progress toward a target is significantly greater or less than scheduled, describe reason(s) beneath the target. | ACTUAL AND PLANNED OUTPUTS (ALL DATA CUMULATIVE) | | | | 6. PROJECTED TOTAL FOR PROJECT LIFE |
|-------------------------------------|--|--|---------------------------|--------------|-------------------------------|--|
| | | 3 ACTUAL CUM. TO DATE | 4. AS OF PRIOR JUNE 30 | | 5. PLANNED BY NEXT JUNE 30 | |
| | | | a. PLANNED | b. ACTUAL | | |
| | <p>b. Improvement in overall collection of irrigation fees.</p> <p>c. Rehabilitation and completion of existing irrigation systems.</p> <p>4. Consolidate existing diverse water agencies into single entity with appropriate authority for national policy, direction, and allocation of resources for all water resources development.</p> | 35% | 15% | 10% | 40% | 75% as of 12/31/72 |
| | | 20% | 0 | 0 | 20% | 100% by 6/30/72 |

Total of 90 National gravity systems in existence of of February, 1969.

PART I-B - Continued

010

B.2 - OVERALL ACHIEVEMENT OF PROJECT TARGETS

Place an "X" within the bracket on the following seven-point scale that represents your judgment of the overall progress towards project targets:



PART I-C - PROJECT SIGNIFICANCE

011

C.1 - EVALUATION TO SECTOR AND PROGRAM GOALS (See detailed instructions M.O. 1026.1)

This section is designed to indicate the potential and actual impact of the project on relevant sector and program goals. List the goals in col. b and rate potential and actual project impact in cols. c and d.

| a. CODE NO. (AID/W USE ONLY) | SCALE FOR COLUMN c: 3= Very Important; 2= Important; 1= Secondary Importance SCALE FOR COLUMN d: 3= Superior/Outstanding; 2= Adequate/Satisfactory/Good; 1= Unsatisfactory/Marginal | c. POTENTIAL IMPACT ON EACH GOAL IF PROJECT ACHIEVES TARGETS | d. ACTUAL IMPACT ON GOAL TO DATE RELATIVE TO PROGRESS EXPECTED AT THIS STAGE |
|------------------------------------|--|---|---|
| | b. SECTOR AND PROGRAM GOALS (LIST ONLY THOSE ON WHICH THE PROJECT HAS A SIGNIFICANT EFFECT) | | |
| (1) | Agricultural Productivity | 3 | 1 |
| (2) | Economic & Social Development | 3 | 2 |
| (3) | Related Public Works/Infrastructure | 2 | 2 |
| (4) | | | |

For goals where column c. is rated 3 or 2 and column d. is rated 1, explain in the space for narrative. The narrative should also indicate the extent to which the potential impacts rated 3 or 2 in column c. are dependent on factors external to the achievement of the project targets, i.e., is there a substantial risk of the anticipated impact being forestalled by factors not involved in the achievement of project targets. If possible and relevant, it also would be useful to mention in the narrative your reading of any current indicators that longer-term purposes, beyond scheduled project targets, are likely or unlikely to be achieved. Each explanatory note must be identified by the number of the entry (col. b) to which it pertains.

012 NARRATIVE FOR PART I-C.1 (Continue on form AID 1020-25 I):

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012 Narrative for Part 1-C.1

1. Completion of previously incomplete irrigation systems and rehabilitation and upgrading of existing operating systems has had an immediate and direct beneficial impact on the important sector goal of increased food production. Loans of local currency (pesos) in the magnitude of P18.5 million since the beginning of FY 1966 have resulted in the completion of 5 and the partial or total rehabilitation of 68 irrigation systems. Conservatively, these loans have resulted in approximately 25,000 additional hectares being brought under year round (two-crop) irrigation or, in terms of production, an additional 70 thousand metric tons of milled rice per year, at an average yield of 1400 kgs. per hectare/crop for irrigated riceland.

While the above case of "irrigation equals increased agricultural production" is easily made, a note of caution must be sounded. The country's orientation should not be unrealistically focussed on irrigation to the exclusion of other necessary and beneficial water based infrastructure. There is too much of a present tendency in those responsible, but not necessarily technically knowledgeable, to equate "water resources" with "irrigation" and vice versa. This has been described by one GOP official as "irrigation hysteria", a most appropriate term for the near panic that has been precipitated drought experienced in the Philippines over the

263. Considered, thoughtful, methodically planned water resources developments can produce significant economic and social development, as well as to force, or encourage, the establishment of

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other needed and related public works or infrastructure. This can best be illustrated by citing the example of the implementation of the Upper Pampanga River (Pantabangan) Project, a multi-purpose water storage project proposed for construction in Nueva Ecija. If and when built, the project promises benefits from approximately 80,000 hectares of year round (two crop) irrigation -- as compared to 35,000 hectares of single crop and about 10,000 hectares of two crop production at the present; a beneficial amount of flood control of the potentially destructive Pampanga River; approximately 65 MW of hydroelectric power generation capacity, and possibly more if a pumped storage design for generation is used; together with numerous other tangible and intangible benefits. Conservatively the project is estimated to provide economic returns of P4.50 for each P1.00 of annual cost including amortization.

It is not difficult to visualize the practical socio-economic benefits that would accrue to the 80,000 hectare irrigated area as well as to an influenced peripheral area as a direct result of the construction and operation of the project. The need for and use of agricultural labor would be intensified; new and improved highways and feeder roads, together with other improved communications, would be established to service the existing and additional cultivated productive lands; electric service for industrial or residential use would become a practical reality; and, direct and indirect agricultural support and service enterprises would flourish and afford greater employment opportunities in the area.

Enumeration and illustration of these obvious benefits is almost axiomatic; the impact is quite typical and can generally be applied to other areas similarly subjected to comparable multi-purpose development.

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UNCLASSIFIED**PART I-C - Continued****C.2 - GENERAL QUESTIONS**

| These questions concern developments since the prior PAR. For each question place "Y" for Yes, "N" for No, or "NA" for Not Applicable in the right hand column. For each question where "Y" is entered, explain briefly in the space below the table. | MARK IN THIS COL. |
|---|----------------------------|
| 013 Have there been any significant, unusual or unanticipated results not covered so far in this PAR? | Y |
| 014 Have means, conditions or activities other than project measures had a substantial effect on project output or accomplishments? | Y |
| 015 Have any problems arisen as the result of advice or action or major contributions to the project by another donor? | N |
| 016 If the answer to 014 or 015 is yes, or for any other reason, is the project now less necessary, unnecessary or subject to modification or earlier termination? | N |
| 017 Have any important lessons, positive or negative, emerged which might have broad applicability? | Y |
| 018 Has this project revealed any requirement for research or new technical aids on which AID/W should take the initiative? | Y |
| 019 Do any aspects of the project lend themselves to publicity in newspapers, magazines, television or films in the United States? | N |
| 020 Has there been a lack of effective cooperating country media coverage? (Make sure AID/W has copies of existing coverage.) | N |
| 021 <u>NARRATIVE FOR PART I-C.2</u> Identify each explanatory note by the number of the entry to which it pertains. (Continue on form AID 1020-25 I as necessary): | |

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Narrative for Part I-C.2

- 013 (a) Expeditious, and favorable consideration of loan financing by IBRD for construction of the Upper Pampanga River (Pantabangan) Project.
- (b) NIA operated Equipment Division in black during 1968 for first time in many years.
- 014 Appointment of non-political, dedicated, aggressive Administrator (Juinic) to NIA has had significantly advantageous effect on general posture and effectivity of that agency.
- 016 No; if anything, because of conducive climate now existing because of NIA Administrator and also high-caliber Bureau of Public Works Director (Deleña), project can expect higher level of accomplishment in all areas.
- 017 The important need for consolidation of presently fragmented efforts in water development has been repeatedly demonstrated. Also, the desperate need for adequate, reliable basic data in the Philippines has been proven.
- 018 Lack of even minimal data on groundwater resources and application, compounded by lack of legislation on its exploitation, use, and regulation. USAID has initiated applied research pilot project to develop reliable, useful data on shallow groundwater pump irrigation. While presently premature, AID/W may be called on in near future to assist in developing consolidated, applicable and workable legislation for both surface and groundwater in Philippines.

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PART II - IMPLEMENTATION REPORT

II-A - STATUS OF SCHEDULE

022 A-1 - INDIVIDUAL ACTIONS (See detailed instructions M.O. 1026.1). This is a listing of major actions or steps which were scheduled for physical start or continuing implementation in the reporting period as reflected in the Project Implementation Plan, Part I.

| (a) PIP ITEM NO. | MAJOR ACTIONS OR STEPS; CAUSES AND RESULTS OF DELAYS; REMEDIAL STEPS | (b) STATUS - PLACE AN "X" IN, ONE COLUMN | | |
|---------------------------|--|---|-----------------------|-----------------------------|
| | | (1) BEHIND SCHEDULE | (2) ON SCHEDULE | (3) AHEAD OF SCHEDULE |
| | <u>From Part I of PIP - prepared simultaneously</u> | | | |
| 1. | Provide technical assistance to GOP in overall field of water resources investigation, development planning, and management. Ideally, the Philippines should be further ahead than they are at present in total capability in overall water resources. AID's, and other assistance organization's, activities in this field have not always been consistent, nor well coordinated, but in general have recognized the shortcomings, and the formidable needs of the country in water development. | X | | |
| 2. | Assist in establishing procedures for appropriate development, use, and control of nation's ground-water. USAID's applied research project in the Central Luzon plain to develop reliable data on shallow wells and inexpensive pumping equipment is progressing satisfactorily, even though minor setbacks have been encountered. Interest displayed in this project, even at this preliminary stage, is a clear manifestation of the need for this type of development data. | | X | |
| 3. | Provide technical assistance to the NIA on equipment management and operations and maintenance of irrigation systems. The NIA's implementation of the \$4.7 million AID loan for irrigation equipment has focused their attention and efforts on this important activity of the agency. Advantageous personnel changes in the equipment division have resulted in better than expected accomplishments. USAID has furnished services of one equipment specialist advisor to the NIA in fulfillment of the loan conditions and his activities have been most helpful to the NIA. O & M of systems has not improved as planned, in part because USAID has not been able to fulfill its commitment to provide technical assistance in this specialty because of BALPA restrictions. Nevertheless, overall progress cannot be too severely criticized. | X | | |

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PART II - IMPLEMENTATION REPORT

II-A - STATUS OF SCHEDULE

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| (a) PIP ITEM NO. | MAJOR ACTIONS OR STEPS; CAUSES AND RESULTS OF DELAYS; REMEDIAL STEPS | (b) STATUS - PLACE AN "X" IN, ONE COLUMN | | |
|---------------------------|---|---|-----------------------|-----------------------------|
| | | (1) BEHIND SCHEDULE | (2) ON SCHEDULE | (3) AHEAD OF SCHEDULE |
| 4. | Provide technical assistance to SOP, and encourage efforts to consolidate organizational structure relating to water resources development. The Interim Water Resources Committee appointed by the President has drafted legislation which has been introduced in the legislature during the present session to create a unified Water Resources Development Commission with broad powers and authorities. This is, given the fragmented agencies and entrenched empires extant in the country, an essential initial step towards ultimate consolidation. | | X | |
| 5. | Participant Training - Satisfactory continuing activity. | | X | |

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PART II - Continued

023

II-A.2 - OVERALL TIMELINESS

In general, project implementation is (place an "X" in one block):

| | |
|--|----------|
| (a) On schedule | X |
| (b) Ahead of schedule | |
| (c) Behind schedule | |
| (1) AID/W Program Approval | |
| (2) Implementing Agency (Contractor/Participating Agency/Voluntary Agency) | |
| (3) Technicians | |
| (4) Participants | |
| (5) Commodities (non-FFF) | |
| (6) Cooperating Country | |
| (7) Commodities (FFF) | |
| (8) Other (specify): | |

BLOCK (c): If marked, place an "X" in any of the blocks one thru eight that apply. This is limited to key aspects of implementation, e.g., timely delivery of commodities, return of participants to assume their project responsibilities, cooperating country funding, arrival of technicians.

II-B - RESOURCE INPUTS

This section appraises the effectiveness of U.S. resource inputs. There follow illustrative lists of factors, grouped under Implementing Agency, Participant Training and Commodities, that might influence the effectiveness of each of these types of project resources. In the blocks after only those factors which significantly affect project accomplishments, write the letter P if effect is positive or satisfactory, or the letter N if effect is negative or less than satisfactory.

1. FACTORS-IMPLEMENTING AGENCY (Contract/Participating Agency/Voluntary Agency)

| | | | |
|--|----------|---|----------|
| 024 IF NO IMPLEMENTING AGENCY IN THIS PROJECT. PLACE AN "X" IN THIS BLOCK: | | 032 Quality, comprehensiveness and candor of required reports | P |
| | | 033 Promptness of required reports | N |
| 025 Adequacy of technical knowledge | P | 034 Adherence to work schedule | N |
| 026 Understanding of project purposes | P | 035 Working relations with Americans | P |
| 027 Project planning and management | P | 036 Working relations with cooperating country nationals | P |
| 028 Ability to adapt technical knowledge to local situation | P | 037 Adaptation to local working and living environment | P |
| 029 Effective use of participant training element | P | 038 Home office backstopping and substantive interest | P |
| 030 Ability to train and utilize local staff | N | 039 Timely recruiting of qualified technicians | P |
| 031 Adherence to AID administrative and other requirements | P | 040 Other (describe): | |

2. FACTORS-PARTICIPANT TRAINING

| | | | |
|--|----------|--|----------|
| 041 IF NO PARTICIPANT ELEMENT IN PROJECT. PLACE AN "X" IN THIS BLOCK: | | TRAINING UTILIZATION AND FOLLOW UP | |
| PREDEPARTURE | | 052 Appropriateness of original selection | P |
| 042 English language ability | P | 053 Relevance of training for present project purposes | P |
| 043 Availability of host country funding | P | 054 Appropriateness of post-training placement | N |
| 044 Host country operational considerations (e.g., selection procedures) | P | 055 Utility of training regardless of changes in project | N |
| 045 Technical/professional qualifications | P | 056 Ability to get meritorious ideas accepted by supervisors | N |
| 046 Quality of technical orientation | P | 057 Adequacy of performance | P |
| 047 Quality of general orientation | P | 058 Continuance on project | P |
| 048 Participants' collaboration in planning content of program | P | 059 Availability of necessary facilities and equipment | N |
| 049 Collaboration by participants' supervisors in planning training | P | 060 Mission or contractor follow-up activity | P |
| 050 Participants' availability for training | P | 061 Other (describe): | |
| 051 Other (describe): | | | |

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PART II-B - Continued

3. FACTORS-COMMODITIES

| PLACE AN "X" IN APPROPRIATE BLOCK: | 062 FFF | 063 NON-FFF | X | 064 NO COMMODITY ELEMENT | | | |
|---|------------|----------------|---|-----------------------------------|---|--|---|
| 065 Timeliness of AID/W program approval (i.e., PIO/C, Transfer Authorization). | | | | | | 072 Control measures against damage and deterioration in shipment. | |
| 066 Quality of commodities, adherence to specifications, marking. | | | | | P | 073 Control measures against deterioration in storage. | |
| 067 Timeliness in procurement or reconditioning. | | | | | | 074 Readiness and availability of facilities. | N |
| 068 Timeliness of shipment to port of entry. | | | | | | 075 Appropriateness of use of commodities. | N |
| 069 Adequacy of port and inland storage facilities. | | | | | P | 076 Maintenance and spares support. | N |
| 070 Timeliness of shipment from port to site. | | | | | | 077 Adequacy of property records, accounting and controls. | |
| 071 Control measures against loss and theft. | | | | | | 078 Other (Describe): | |

Indicate in a concise narrative statement (under the heading a. Overall Implementation Performance, below) your summary appraisal of the status of project implementation, covering both significant achievements and problem areas. This should include any comments about the adequacy of provision of direct hire technicians as well as an overall appraisal of the comments provided under the three headings (b, c & d) which follow. For projects which include a dollar input for generation of local currency to meet local cost requirements, indicate the status of that input (see Detailed Instructions).

Discuss separately (under separate headings b, c & d) the status of Implementing Agency Actions, Participants and Commodities. Where above listed factors are causing significant problems (marked N), describe briefly in the appropriate narrative section: (1) the cause and source of the problem, (2) the consequences of not correcting it, and (3) what corrective action has been taken, called for, or planned by the Mission. Identify each factor discussed by its number.

079 NARRATIVE FOR PART II-B: (After narrative section a. Overall Implementation Performance, below, follow, on form AID 1020-251 as needed, with the following narrative section headings: b. Implementing Agency, c. Participants, d. Commodities. List all narrative section headings in order. For any headings which are not applicable, mark them as such and follow immediately below with the next narrative section heading.)

- a. Overall Implementation Performance. The project, on an overall basis, is progressing satisfactorily. Although, technical assistance in water resources has been minimal for the past two and a half years, the work started under the original Water Resources Survey Project has been continued, to the extent of its capability, by the Water Resources Survey Division of the Bureau of Public Works. USAID continues to support irrigation rehabilitation and completion, but not construction of new irrigation systems, with PL 480 local currency loans. Also, the \$ loan for US purchase of irrigation equipment is being implemented with some of the equipment already delivered in-country.
- b. Implementing Agency: 030, 033, 034: All these factors have been adversely affected by the fact that the BuRec team was reduced to two members in January, 1967 and then to one technician in December, 1968. Attempting to adhere to the original objectives and the proposed program of investigations and studies has been impossible under the circumstances, as has been the full and effective use and training of Filipino technicians on the WRSD staff.
- c. Participants: 054 & 055:
Civil service placement of participants after return has sometimes been inappropriate, although in the case of the Water Resources Project this has been the exception rather than the rule. 056: Ordinary resentment and jealousy have at times made it difficult for a returned participant to sell an idea to a supervisor who has never had the opportunity for training as a participant. 059: Budget

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limitations result in a lack of all the required facilities and equipment for participants to fully utilize training to greatest advantage.

- d. Commodities: 074, 075, 076: Again, GOP budget limitations have prevented 100% fulfillment of GOP commitments on availability of facilities to support commodities, or their full and effective absorption, use, and maintenance.

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PART III - ROLE OF THE COOPERATING COUNTRY.

The following list of illustrative items are to be considered by the evaluator. In the block after only those items which significantly affect project effectiveness, write the letter P if the effect of the item is positive or satisfactory, or the letter N if the effect of the item is negative or less than satisfactory.

SPECIFIC OPERATIONAL FACTORS:

| | | |
|--|--|----|
| 080 | Coordination and cooperation within and between ministries. | |
| 081 | Coordination and cooperation of LDC gov't. with public and private institutions and private enterprise. | |
| 082 | Availability of reliable data for project planning, control and evaluation. | |
| 083 | Competence and/or continuity in executive leadership of project. | |
| 084 | Host country project funding. | P |
| 085 | Legislative changes relevant to project purposes. | |
| 086 | Existence and adequacy of a project-related LDC organization. | |
| 087 | Resolution of procedural and bureaucratic problems. | |
| 088 | Availability of LDC physical resource inputs and/or supporting services and facilities. | |
| 089 | Maintenance of facilities and equipment. | |
| 090 | Resolution of tribal, class or caste problems. | |
| 091 | Receptivity to change and innovation. | NA |
| 092 | Political conditions specific to project. | P |
| 093 | Capacity to transform ideas into actions, i.e., ability to implement project plans. | P |
| 094 | Intent and/or capacity to sustain and expand the impact of the project after U.S. inputs are terminated. | |
| 095 | Extent of LDC efforts to widen the dissemination of project benefits and services. | P |
| 096 | Utilization of trained manpower (e.g., participants, counterpart technicians) in project operations. | P |
| 097 | Enforcement of relevant procedures (e.g., newly established tax collection and audit system). | P |
| 098 | Other: | |
| HOST COUNTRY COUNTERPART TECHNICIAN FACTORS: | | |
| 099 | Level of technical education and/or technical experience. | |
| 100 | Planning and management skills. | P |
| 101 | Amount of technician man years available. | |
| 102 | Continuity of staff. | P |
| 103 | Willingness to work in rural areas. | |
| 104 | Pay and allowances. | P |
| 105 | Other: | |

In the space below for narrative provide a succinct discussion and overall appraisal of the quality of country performance related to this project, particularly over the past year. Consider important trends and prospects. See Detailed Instructions for an illustrative list of considerations to be covered.

For only those items marked N include brief statements covering the nature of the problem, its impact on the achievement of project targets (i.e., its importance) and the nature and cost of corrective action taken or planned. Identify each explanatory note.

106 NARRATIVE FOR PART III (Continue on form AID 1020-25 I):

Except for the factors marked P or NA above, all others are N and to a large extent have been discussed in other parts of this document. Additional factor identified comments are:

084: A traditional lack of GOP funds for specific projects and activities is beyond the scope of this discussion. As an example, however, as of June 30, 1968 actual cumulative cash releases to the NIA totalled approximately P51 million, which was 54% of their cumulative obligational authority of P94 million.

089: Maintenance capability has always been a serious problem - partly due to funding problems, but also because of unrealistic attitudes with regard to equipment rentals and amortizations. The \$4.7 million loan

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106 Narrative for Part III (Cont'd.)

faces up to this problem and addresses itself to attempted solutions.

104: Generally, pay and allowances in the GOP are at unsatisfactorily low levels and much lower than in the private sector. Within the GOP itself there is a wide disparity in pay and allowances between various agencies, which causes confusion, resentment and dissatisfaction.

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PART IV - PROGRAMMING IMPLICATIONS

IV-A - EFFECT ON PURPOSE AND DESIGN

Indicate in a brief narrative whether the Mission experience to date with this project and/or changing country circumstances call for some adjustment in project purposes or design, and why, and the approximate cost implications. Cover any of the following considerations or others that may be relevant. (See Detailed Instructions for additional illustrative considerations.) Relevant experience or country situations that were described earlier can simply be referenced. The spelling out of specific changes should be left to the appropriate programming documents, but a brief indication of the type of change contemplated should be given here to clarify the need for change. For example, changes might be indicated if they would:

1. better achieve program/project purposes;
2. address more critical or higher priority purposes within a goal plan;
3. produce desired results at less cost;
4. give more assurance of lasting institutional development upon U.S. withdrawal.

107 NARRATIVE FOR PART IV-A (Continue on form AID 1020-25 I):

See discussion under 008 Narrative for Part I-A.

IV-B - PROPOSED ACTION

108 This project should be (Place an "X" in appropriate block(s)):

| | |
|--|---|
| 1. Continued as presently scheduled in PIP. Since PIP was prepared concurrently with PAR | X |
| 2. Continued with minor changes in the PIP, made at Mission level (not requiring submission of an amended PIP to AID/W). | |
| 3. Continued with significant changes in the PIP (but not sufficient to require a revised PROP). A formally revised PIP will follow. | |
| 4. Extended beyond its present schedule to (Date): Mo. ___ Day ___ Yr. ___. Explain in narrative, PROP will follow. | |
| 5. Substantively revised. PROP will follow. | |
| 6. Evaluated in depth to determine its effectiveness, future scope, and duration. | |
| 7. Discontinued earlier than presently scheduled. Date recommended for termination: Mo. ___ Day ___ Yr. ___ | |
| 8. Other. Explain in narrative. | |

109 NARRATIVE FOR PART IV-B:

In evaluating this project over its life span AID's prior preoccupation and emphasis on the technical, quantitative, physical accomplishments and results of this activity loomed large. It appeared that only incidental attention was being directed to the basic problems of establishing the institutional organizations to assure proper application of the required human reserves to effectively utilize, maintain and even multiply beneficial water resource development.

The "why" of such a preoccupation is equally clear. The conduct of the water program in its totality has until the present legislation been the responsibility of a myriad of agencies, each with its own self-interests and in many

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cases vying with or duplicating each other's efforts. No lines of clear responsibility were drawn and assistance had to be given in that setting on the basis of where greatest returns might be expected. Recognition of these factors and the impossibility of coping with a worsening situation almost lead to closing out the project in recent months.

As outlined in the PAR there now appears to be growing within the GOP a fresh national water resources viewpoint. One evidence of this enlightenment was the very recent passage by the Philippine Congress and signing by President Marcos of a Bill authorizing the National Irrigation Administration in cooperation with the National Power Corporation, the National Waterworks and Sewerage Authority along with the Bureau of Public Works to undertake the construction of the Upper Pam-panga River Project. Passage of such a Bill had been set as a condition precedent by the World Bank before any loan application could be considered. Filipino finance and irrigation officials are now in Washington concluding negotiations of the \$43 million loan from the World Bank. A P200 million counterpart fund is to be appropriated by the National Government also for this purpose. The Mission will be greatly interested in the terms of this loan and the capability of the government, already pressed to meet current loan commitments, to furnish the P200 million counterpart funds.

A further recent development is the draft Bill now in Committee providing for the creation of a Water Resources Development Commission. The Bill would place the development of the country's water resources under unified responsibility and planning. While the Bill has been favorably endorsed by two Senate Committees it is felt that it will not be acted upon due to the early termination of the present Special Session of the Congress.

These expressions and other manifestations - as outlined in the PAR - of the GOP's willingness to participate jointly in an active, methodical and meaningful water resource development and planning program is encouraging. However, organization and reorganization of government agencies and offices are of common occurrence. It has been the Mission's experience that in order to achieve a coalition of government agencies to achieve a common goal such as water resources development, the head of the new organization must have competence, leadership, dedication and the unquestioned backing of the President in carrying out his decisions in setting up and staffing out that organization and delegating specific functions on the basis of the best equipped entity to carry out the job. Where those elements have been present - and we know of only one example the massive increase in rice production achieved through the Rice and Corn Production Coordinating Council - the reorganization has been successful in achieving its objectives. When they are not central to the reorganization - and several illustrations could be cited - it will fail. The Mission will closely examine the new establishment and base future assistance on actual performance during the coming years.