

MAY 8 1969

| | | | | | |
|---|-----|-------------------------|-----|---|-------------------|
| AID 1020-25 (7-68) | | SECURITY CLASSIFICATION | | 001 PROJECT NUMBER | |
| PROJECT APPRAISAL REPORT (PAR) (U-446) See M.O. 1026.1 | | Unclassified | | 386-11-110-366.3 | |
| 002 PAR | MO. | DAY | YR. | 003 U.S. OBLIGATION SPAN | 004 PROJECT TITLE |
| AS OF: | 1 | 2 | 3 | FY 67 | Thru FY 73 |
| 008 COOPERATING COUNTRY - REGION - AID/W OFFICE | | | | 386 OBD 66 (6) Reference Center Agricultural Production - ORISSA PD-AAD-105-A1 | |
| India/NESA | | | | | |

13p.

| 006 FUNDING TABLE | | | | | | | | | | | |
|---|-------|--------------------|--------------------|------|----------|--------------|----------|-------------|----------|-------------|----------|
| AID DOLLAR FINANCING OBLIGATIONS (\$000) | TOTAL | CONTRACT (NON-ADD) | PERSONNEL SERVICES | | | PARTICIPANTS | | COMMODITIES | | OTHER COSTS | |
| | | | AID | PASA | CONTRACT | DIR. PASA | CONTRACT | DIR. PASA | CONTRACT | DIR. PASA | CONTRACT |
| CUMULATIVE NET THRU ACTUAL YEAR (FY 1968) | 335 | 311 | - | - | 303 | 24 | - | - | 8 | - | - |
| PROPOSED OPERATIONAL YEAR (FY 1969) | 196 | 175 | - | - | 167 | 21 | - | - | 8 | - | - |

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

007 IMPLEMENTING AGENCY TABLE

If contractors or participating agencies are employed, enter the name and contract or PASA number of each in appropriate spaces below; in the case of voluntary agencies, enter name and registration number from M.O. 1551.1, Attachment A. Enter the appropriate descriptive code in columns b and c, using the coding guide provided below.

| 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. University of Missouri | 1 | 1 | AID/Nesa-320 | |
| | | 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):

See attached.

| | | |
|-----------------------------|---|------------------------|
| MISSION DIRECTOR APPROVAL → | SIGNATURE <i>John Funari</i> John Funari - DD | DATE April 24, 1969 |
|-----------------------------|---|------------------------|

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SECURITY CLASSIFICATION

PAR CONTINUATION SHEET

This sheet is to be used for any Narrative Sections for which sufficient space has not been provided on the form. Identify each narrative by its Part and Section Designation.

008 NARRATIVE FOR PART I-A

This activity seeks to "institutionalize" patterns of cooperation that will serve the long range needs of agricultural development in the State so that the State Department of Agriculture, which is responsible for services to the cultivator, and the Agricultural University or other State facility, which is responsible for research, respond cooperatively to the needs of the cultivator in order to increase agricultural production.

This activity in the State of Orissa is staffed through a contract with the University of Missouri. Five U.S. subject matter specialists arrived between January and March 1967, and two counterparts in each specialty were assigned, one from the State Department of Agriculture and one from Orissa University of Agriculture and Technology. The U.S. specialist and his two Indian counterparts are known as a Field Problem Unit in their technical specialty. A High Level Coordinating Committee was established which meets periodically to review activities of the units and give policy guidance. This basic institutional unit is used to attack targets 1 and 2 (009).

Recently the team has begun to focus its activities on field problems; team efforts have been a factor in improving relationships among State agencies. See 026 and 027 as well as New Delhi 1901 for further information.

The in-depth evaluation to be completed in the spring of 1969 is designed to answer the questions of relevancy to sector goals and effectiveness of performance.

NOTE: The Missouri team members fully participated in the preparation of the activities of this subproject and in the preparation of this PAR.

Unclassified

386-11-110-366.3

PART 1-B - PROJECT EFFECTIVENESS

009

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

| 1. 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) | | | | |
|---|---|--|------------------------------|--------------|-------------------------------------|--|
| | | 3. ACTUAL CUM. TO DATE | 4. AS OF PRIOR JUNE 30 | | 5. PLANNED BY NEXT JUNE 30 | 6. PROJECTED TOTAL FOR PROJECT LIFE |
| | | | a. PLANNED | b. ACTUAL | | |
| | <p>1. To promote the development and use of State institutions and service organizations which can identify production problems in the field that are retarding agricultural progress and to initiate appropriate methods for their solution.</p> <p>2. To institutionalize a pattern of cooperation between the Directors of Agriculture, the Agricultural Universities or State research facilities, and the extension field staff which will involve them directly in the development program of the State, orient their research programs toward the immediate problems of production, and clearly establish the University or State research facility as an institution that helps the Department of Agriculture to carry out its responsibilities for developing the agriculture of the State.</p> <p>3. Through the FPU provide technical knowledge verified through applied research for further refinement of the package of practices to be recommended for each of the HYVAs.</p> <p>4. Through the FPU develop demonstration and training programs necessary to acquaint agricultural workers, at district, block, and village levels, and farmers with the package of practices technologies to assure their understanding and acceptance of the concepts and the ultimate implementation by the farm family.</p> <p>5. Through the FPU establish close communications and working relationships between the field agricultural staff of the HYVA program and those public and private agencies and facilities responsible for providing the necessary inputs.</p> | NOT | APPLICABLE | | | |

SECURITY CLASSIFICATION

Unclassified

PROJECT NUMBER

386-11-110-366.3

ART 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 - RELATION 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) Assist India to achieve self-sufficiency in food production. | 3 | 2 |
| | (2) Help achieve adequate supply and distribution of essential agricultural inputs, accompanied by the appropriate technology. | 2 | 2 |
| | (3) Help develop the indigenous institutions, technical skills and management capability necessary to assure the full application of agricultural inputs. | 3 | 2 |
| | (4) Help develop appropriate processing, marketing and distribution mechanisms for the agricultural products. | 1 | 2 |

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 1):

This period represents only one and a half years of operation; however, it appears that accomplishing goal 3 would make a significant impact on the accomplishment of the other three goals. This would achieve a better use of technical skills and would direct both research and field operations to field problems.

Unclassified

SECURITY CLASSIFICATION

Unclassified

PROJECT NUMBER

386-11-110-366.3

PART I-C - Continued

I-C.1 - 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? | N |
| 014 Have means, conditions or activities other than project measures had a substantial effect on project output or accomplishments? | N |
| 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? | N |
| 018 Has this project revealed any requirement for research or new technical aids on which AID/W should take the initiative? | N |
| 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): | |

Unclassified

Unclassified

386-11-110-366.3

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.

| 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 |
| A | 1. Establish a High Level Coordinating Committee composed of the Director of Agriculture, the Director of Research of the University, the Union Commissioner of Extension, and the USAID Division Chief to meet regularly to review activities of the FPU's and jointly establish policy for future action, thus establishing a pattern of coordination. | | X | |
| | 2. FPU's to assist Indian field agents in organizing and participating in field demonstrations, training programs, and research activities. | | X | |
| B | Determine pest problems as they develop in the field and contribute to their solution. | | | |
| | 1. Make a colored movie and colored slides for training in rat control methods in cooperation with Department of Agriculture and Agricultural University and in one village conduct a demonstration of the control technique. | | X | |
| | 2. Establish a nematode laboratory to identify plant parasitic nematodes from state-wide soil collections in cooperation with Agricultural University. | | X | |
| | 3. Develop visual aids for identification of plant pests in the form of colored slides and photographs to be used for training of students and field staff. Established photographic laboratory in Entomology Department for this purpose. | | X | |
| C | Increase production of high quality seeds (also commercial crops) by use of existing power equipment. | | | |
| | 1. Demonstrate the use of seed-cum-fertilizer drill in planting and tractor as power source in seed production and commercial production of maize and paddy (rice) in 4 districts (drill equipment on order). | X | | |
| | 2. Modify seed processing plants to increase efficiency of output as well as quality of product and train personnel in proper procedures. | | X | |

Unclassified

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| SECURITY CLASSIFICATION | PROJECT NUMBER |
| Unclassified | 386-11-110-366 |

PAR CONTINUATION SHEET

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Narrative for Part II-A (Continued)

(b)

Status - Place an "x" in one column

| PIP ITEM NO. | Major Actions or Steps; Causes and Results of Delays; Remedial Steps | (b) | | |
|--------------------|--|---------------------------|-----------------------|-----------------------------|
| | | (1) Behind Schedule | (2) On Schedule | (3) Ahead of Schedule |
| | 3. Maintain quality of seed by continued sampling, testing and training of personnel (training programs now scheduled to rectify this). | x | | |
| | 4. Conduct workshops for State Department of Agriculture officials, University staff to develop a system of state seed certification (state plans for taking over seed certification delayed by necessity to recruit and train personnel). | x | | |
| D. | Increase use of fertilizers by farmers on high yield varieties. | | | |
| | 1. Develop visual aids to encourage increased use of fertilizer and develop a mobile education exhibit and audiovisual unit for presentation in villages. <u>1/</u> | x | | |
| E. | Promote wider and more efficient use of improved agricultural implements. | | | |
| | 1. Training sessions and demonstrations on use and maintenance of bullock drawn and power equipment. | | x | |
| F. | Determine the costs and return for adapted crops grown in the area and promote the most profitable cropping patterns. | | | |
| | 1. Develop alternative cropping plans on one state farm. <u>1/</u> | | | x |
| | <u>1/</u> Planned activities behind schedule are being discussed with responsible State authorities in order to accelerate their implementation. | | | |

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Unclassified

386-11-110-366.3

PART II - Continued

023

II-A.2 - OVERALL TIMELINESS

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

| | | |
|--|--|---|
| (a) On schedule | | |
| (b) Ahead of schedule | | X |
| (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 | P |
| 025 Adequacy of technical knowledge | | 034 Adherence to work schedule | |
| 026 Understanding of project purposes | N | 035 Working relations with Americans | |
| 027 Project planning and management | N | 036 Working relations with cooperating country nationals | |
| 028 Ability to adapt technical knowledge to local situation | | 037 Adaptation to local working and living environment | |
| 029 Effective use of participant training element | | 038 Home office backstopping and substantive interest | |
| 030 Ability to train and utilize local staff | | 039 Timely recruiting of qualified technicians | |
| 031 Adherence to AID administrative and other requirements | | 040 Other (describe): | |

2. FACTORS-PARTICIPANT TRAINING N/A

| | | | |
|--|--|--|--|
| 041 IF NO PARTICIPANT ELEMENT IN PROJECT. PLACE AN "X" IN THIS BLOCK: | | TRAINING UTILIZATION AND FOLLOW UP | |
| PREDEPARTURE | | 052 Appropriateness of original selection | |
| 042 English language ability | | 053 Relevance of training for present project purposes | |
| 043 Availability of host country funding | | 054 Appropriateness of post-training placement | |
| 044 Host country operational considerations (e.g., selection procedures) | | 055 Utility of training regardless of changes in project | |
| 045 Technical/professional qualifications | | 056 Ability to get meritorious ideas accepted by supervisors | |
| 046 Quality of technical orientation | | 057 Adequacy of performance | |
| 047 Quality of general orientation | | 058 Continuance on project | |
| 048 Participants' collaboration in planning content of program | | 059 Availability of necessary facilities and equipment | |
| 049 Collaboration by participants' supervisors in planning training | | 060 Mission or contractor follow-up activity | |
| 050 Participants' availability for training | | 061 Other (describe): | |
| 051 Other (describe): | | Only 5 participants; 4 returned late in the year. | |

Unclassified

SECURITY CLASSIFICATION

Unclassified

PROJECT NUMBER

386-11-110-366.3

PART II-B - Continued

3. FACTORS-COMMODITIES

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

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 M), 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 1020-25 I as needed, with the following narrative section headings: a. 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.

Progress has been slow in accomplishing measurable progress toward goals and objectives; however, it must be kept in mind that Orissa has been slow over the years in accepting improved agricultural practices, e.g., fertilizer use is one of the lowest in India. Problem areas are primarily Indian bureaucracy, cultivator slowness in accepting new ideas, and the need for an active acceptance of the problem solving approach by Indian agencies. Recent planning by the FPU's includes more activities in field trials and demonstrations which should focus attention on field production problems.

b. Implementing Agency.

Mission suggestions on redirecting the program have resulted in more activity concerned with the solution of local problems through field demonstrations.

026 & 027 The members of the Missouri team, drawn from long careers in Extension Education, began to learn that the dissemination of information on the new high yielding varieties and practices for their successful adoption under field conditions required a far larger number of field demonstrations and trials than they originally conceived - dissemination by audio-visual illustrations were not sufficient to bring about a change in the attitude of the Orissa farmer. As this PAR is being prepared, the team members, working with their FPU counterparts, have begun to redirect their planning of project tasks, and thus the management of the project, towards a program of field plot demonstrations. This redirected approach is in line with the experience in other States that major successes in this

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079 Narrative for Part II-B (Contd.)

Agricultural Production Project have been where the contract teams have concentrated their efforts on problem solving and result demonstrations.

c. Participants.

One high level (State Secretary of Agriculture) and four technical participants were sent under the FY 1967 program. Due to lack of State funds for international travel no participants were sent in FY 1968. While the returned participants have only been on the job a short time, one is still in the U.S., the results of their activities show this will be a strong part of the program. The Secretary's attitude and interest in team activities indicate that he gained a better understanding of relationships between agricultural agencies in the U.S. which enables him to function more effectively as chairman of the High Level Coordinating Committee. Two of the other participants are now counterparts in their subject matter field problem units and are taking an active interest in their fields.

d. Commodities: Not applicable.

Unclassified

386-11-110-366.3

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. | |
| 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. | |
| 092 Political conditions specific to project. | |
| 093 Capacity to transform ideas into actions, i.e., ability to implement project plans. | * |
| 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. | |
| 096 Utilization of trained manpower (e.g., participants, counterpart technicians) in project operations. | |
| 097 Enforcement of relevant procedures (e.g., newly established tax collection and audit system). | |
| 098 Other: | |

HOST COUNTRY COUNTERPART TECHNICIAN FACTORS:

- | | |
|---|---|
| 099 Level of technical education and/or technical experience. | |
| 100 Planning and management skills. | * |
| 101 Amount of technician man years available. | |
| 102 Continuity of staff. | |
| 103 Willingness to work in rural areas. | |
| 104 Pay and allowances. | * |
| 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):

- * At this time we do not consider that any of the above factors are significantly affecting the progress of this project. The activity was started in response to a recognition of the affect of the above cited deficiencies upon food production in India. Since the Indian states are responsible for agricultural operations, the Center urged that U.S. technical assistance be concentrated on the problems identified by an asterisk. The project is organized to help the Indian officials overcome traditional and inherited procedures and for this reason specifically points its essential efforts in this direction.

The subject matter specialists both U.S. and Indian are organized into Field Problems Units to identify problems impeding crop production and develop procedures for their solutions, thus developing a pattern of action involving all State agencies in a coordinated interdisciplinary approach to problem solving.

Contd... 2

Unclassified

SECURITY CLASSIFICATION

SECURITY CLASSIFICATION

Unclassified

PROJECT NUMBER

386-11-110-366.3

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106 Narrative for Part III (Contd..)

Within this framework, deficiencies in the role of the cooperating country may be a guide to the activities of the project. For example, take factor "Coordination and cooperation between ministries; the target 2 of the project is to "institutionalize a pattern of cooperation between the Director of Agriculture, the Agricultural University or State research facilities and the extension field staff." This has been less than satisfactory so the project through the High Level Coordinating Committee and Field Problems Units attempts to improve relationships and promote cooperation and coordination.

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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):

We consider the purpose and design valid under current conditions.

IV-B - PROPOSED ACTION

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

- | | |
|--|---|
| 1. Continued as presently scheduled in PIP. | 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. | X |
| 7. Discontinued earlier than presently scheduled. Date recommended for termination: Mo. ___ Day ___ Yr. ___ | |
| 8. Other. Explain in narrative. | |

109 NARRATIVE FOR PART IV-B:

6. Evaluation is scheduled for early 1969.