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QUARTERLY PROGRAM PERFORMANCE REPORT

GRENADA

USAID COOPERATIVE AGREEMENT NO. LAC-0000-A-00-4008

FOR THE PERIOD

JANUARY 1, 1986 THROUGH MARCH 31, 1986

Project HOPE
Millwood, Virginia 22646

April 15, 1986

QUARTERLY PERFORMANCE REPORT

PROJECT HOPE

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In accordance with the Project HOPE-USAID Agreement, Section F, Item 2 (Program Performance Reporting), the following covers Project HOPE program activities for the period beginning January 1, 1986 and ending March 31, 1986.

GENERAL

During the report period, Project HOPE responded to the need expressed by Grenada for the support of health and dental services with:

| | |
|------------------------------|-------------------|
| 1 family practice physicians | 3.0 person months |
| 1 nursing tutor | 3.0 person months |
| 1 psychiatric nurse educator | 3.0 person months |
| 1 community pediatrician | 3.0 person months |
| 2 general surgeons | 3.0 person months |
| 2 anesthesiologists | 3.0 person months |
| 2 radiologists | 3.0 person months |
| 1 pathologist | 3.0 person months |
| 1 materials manager | 3.0 person months |
| 1 sanitarian | 2.5 person months |

| | |
|-----------------------------------|--------------------|
| 1 solid waste manager | .3.0 person months |
| 1 cytologist (medical technician) | 3.0 person months |
| 1 medical records administrator | 3.0 person months |
| 1 information manager | 2.0 person months |
| 1 health economist | 1.0 person months |
| 1 urologist | 1.0 person months |
| 1 gynecologist | 2.0 person months |
| 1 media consultant/nursing | 0.25 person months |
| 2 UWI registrars | 6.0 person months |
| 1 program director | 3.0 person months |
| 1 administrator | 3.0 person months |

The Project HOPE personnel supplemented the Ministry of Health staff listed below who are working in the following areas:

| | |
|----------------------------|--------------------|
| 1 cytologist | General Hospital |
| 1 general surgeon | General Hospital |
| 1 anesthesiologist | General Hospital |
| record room staff | General Hospital |
| 2 nursing tutors | School of Nursing |
| psychiatric staff | Richmond Hill |
| chief pharmacist and staff | Ministry of Health |
| environmental health staff | Ministry of Health |
| permanent secretary | Ministry of Health |
| statistical staff | Ministry of Health |
| 1 district medical officer | Carriacou |
| district nursing staff | Grenada/Carriacou |

During this report period, a short-term Project HOPE urologist did an assessment of needs and equipment at the General Hospital. A gynecologist assisted with the regional cytology program; the information manager and health economist began their assignments; the first HOPE radiologist arrived at the General Hospital; the Project HOPE media nursing consultant visited the nursing school prior to an educational fellowship for a Grenadian nursing tutor to the USA and the implementation of the media arts program in Grenada.

MEDICAL/NURSING SERVICES

General Surgery The Project HOPE general surgery activities included in-patient care, weekly clinic and alternate weeks on-call with the local surgeon. HOPE fellows continue to work as consultants with University of the West Indies general surgical registrars on three month rotations. The second operating room is now in routine use as the need exists, rather than for emergencies only.

Orthopedics Project HOPE is no longer providing orthopedic services. West Indian orthopedic surgeons visit Grenada bi-weekly for Thursday clinics and Friday operating sessions. The UWI surgical registrar is handling routine cases on alternate weeks between visits.

Anesthesia Project HOPE participation continues as daytime

coverage with alternating nights and weekends. Both HOPE and the local anesthetist are present daily as the second operating room has been used on a routine basis. A West Indian on contract with the Ministry of Health is expected to replace the Project HOPE short-time fellows in the next report period.

Pathology Anatomic pathology services are on-going, with long-term HOPE pathologist and a Grenadian technician trained in tissue/slide preparation. New dictating equipment with transcription being done in medical records allows greater time for the pathologist to do non-clerical work.

Family Practice The long-term Project HOPE family practice physician is working in Carriacou with the University of the West Indies family medicine registrar and the local district medical officer. School screening for 1,100 primary school children (growth, anemia and vision) has been completed and the immunization needs of all pre-school children have been identified. A chronic disease clinic has been established and the introduction of hemoglobinometers and glucometers has introduced non-hospital laboratory to supplement the small hospital laboratory initiated previously. The outpatient record system has been improved by alphabetization; diabetics and hypertensives have been marked for easy record identification (to facilitate recall, assure treatment compliance, study and for future educational activities). A retrospective study on patients attending the district clinics was begun (age, sex, diagnosis, treatment). From this data, the

demands on the clinics will be identified, common diagnoses and health problems by age and group identified as well as drugs most commonly prescribed. Preventative care will then be planned according to requirements, and patients who make a great demand on the health service and diseases with the potential for high morbidity/mortality will be singled out for specific education.

Obstetrics/Gynecology A short-term Project HOPE obstetrician assisted with the regional cytology program by giving lectures, taking cytology students to the community for observation, and working with community nurses to increase the numbers of pap smears being taken. Some gynecological clinics and referral surgery were done.

Urology A short-term Project HOPE urologist did surgery, held clinics to assess the need for urological services and assessed the equipment needs.

Radiology During this report period, the first Project HOPE radiologist began working in Grenada. A film viewing area was constructed, service given, formal teaching sessions conducted for junior doctors, casualty physicians and the medical department, and an assessment of the department was completed with the chief technician. A prioritized list of equipment needs was prepared.

Pediatrics Pediatric referral clinics continue at health centers throughout the island while public health nurses and nurse

practitioners are seeing a greater number of children independently with back-up by the pediatrician on request. Anemia screening is being done by the nursing clinic staff and sessions at General Hospital have begun with the HOPE pediatrician helping to improve the nurse practitioner physical assessment skills.

Nursing Classroom teaching and clinical supervision in the hospital by the Project HOPE long-term nurse tutor has continued. During this report period, the training program for 25 nursing attendants began. A Project HOPE media design consultant visited the nursing school to acquaint herself with the tutors, facilities and needs prior to working with one of the Grenadian tutors on an educational media fellowship in the USA. Shortly after the Grenadian tutor returns to Grenada, the Project HOPE consultant will return to help implement new teaching modalities using media.

Psychiatric Nursing During this report period, a three week intensive course was taught with the Grenadian nursing tutor and psychiatric social worker to seven community mental health workers who then began work in the community under supervision. A less intensive program for attendants at the mental hospital was begun two days/week.

TECHNICAL SUPPORT SERVICES

Environmental Health The food service workshop for hotel managers was planned and given under the coordination of the Project HOPE

sanitarian. Phaseover from one long-term sanitarian to another was accomplished.

Solid Waste Manager The trainee manager assumed full responsibility for daily activities with back-up from the Project HOPE solid waste manager in anticipation of HOPE's phaseover in July. During the report period, special clean up projects were directed to the main beach area and the district of a public rally for Mr. Reagan. The second landfill site was closed and a new site opened.

Medical Records In addition to record room activity at General Hospital and strengthening of the new record room in Carriacou, a person was trained to do record work (with disease indexing) in outlying clinics in Carriacou. Transcription was introduced for pathology reports at General Hospital.

Materials Manager Because of computerization of inventory showing usage, pharmaceutical orders were placed in March based on demand. The Ministry support for centralized procurement was demonstrated by letters to all vendors refusing payment by the government except for authorized orders. A future warehousing site was visited and a draft layout reviewed.

Cytology The six months regional training program began in January with students from five other islands (including Barbados) joining two additional Grenadians. The Grenadian technician trained last year is assisting in the teaching. A survey of

cytology services in the participating islands has been conducted to identify the need for Project HOPE assistance once the students complete their training in June and return home.

Information Management The long-term Project HOPE information manager has developed a five part statistical reporting program which streamlines former reporting forms done manually. Counterpart personnel have participated in data entry. Morbidity reporting enters the prevalence of 11 common diagnoses and prints out the morbidity levels by clinic; enters immunization records by clinic and prints out a consolidated report on a monthly, quarterly and year to date basis; enters communicable disease information and prints out by clinic, disease, sex and age on a monthly, quarterly and yearly basis; prints out a health letter updating the week's statistics; inputs cytology collection results and prints out correlations. It is recognized that major problems exist in all data at the collection sites.

Health Economics The health economist arrived at the end of this reporting period and has spent time becoming familiar with the Ministries of Health and Finance as well as the tax reform project people. A job description for a counterpart at the Ministry of Health is being drawn up.

Administration During this report period, the one year psychiatric program was added to the Cooperative Agreement. Work has begun with the Ministry of Health on a phaseover plan for HOPE activities (see attached).

Appendix A

Phaseover Plan for HOPE Activities

PHASEOVER PLAN FOR HOPE ACTIVITIES

Since signing the Cooperative Agreement in January, 1984, the following positions have been phased-over:

Dentists (2) Three West Indian dentists have been employed by the Ministry of Health (two of them Grenadians). During Project HOPE participation service was provided, dental units were installed in four health centers and a fluoride mouth-rinse program was reinstated (and institutionalized) in all primary schools.

Biomedical Equipment Maintenance (full-time) Three Grenadians are trained, employed by the Ministry of Health and running the equipment maintenance shop. During Project HOPE participation the shop was created and equipped; a basic electronics course given; a preventive maintenance program developed; and the lead technician was co-sponsored (with the Ministry of Health) to a 10 month Project HOPE biomedical engineering program at CAST in Jamaica. He also participated in the USAID/NIH program for two months.

Family Practice Physician (1) The Ministry of Health has employed a replacement district medical officer.

Orthopedic Surgeon Three orthopedic surgeons from Trinidad (two of whom are Grenadian citizens) alternate visits to Grenada (each Thursday clinic/Friday surgery). During Project HOPE participation, service was provided and equipment improved to a level that made it possible for the surgeons to do all cases in Grenada. No Ministry of Health patients are being transferred off the island for orthopedic care.

Obstetrician A Grenadian obstetrician has been recruited and will be employed by the Ministry of Health August 1, 1986. Upgrading of equipment is in progress.

Medical Technologist (general) The Ministry of Health has employed a replacement.

Medical Technologist (cytology) Pap smears are being processed by a trained Grenadian technician. During Project HOPE participation, a cytology service was developed and the technician trained. Project HOPE is currently assisting in teaching the 6 month regional training program at General Hospital which has students from five other islands and includes two additional Grenadian trainees.

Pediatrician (1) The Project HOPE hospital-based work has been phased over to the local pediatrician. The remaining Project HOPE pediatrician is community based and works with nurse practitioners/public health nurses to improve their skills.

Internal Medicine A fully-qualified West Indian physician was employed by the Ministry of Health beginning February, 1986 as the second consultant in medicine.

Anesthesia A fully-qualified West Indian anesthesiologist was employed by the Ministry of Health as the second consultant in anesthesia beginning May 1, 1986.

Project HOPE Staff On-Site (May, 1986)

PHYSICIANS

. General Surgeon

Short-term rotations to be replaced by long-term Project HOPE surgeon July, 1986.

(Phase-over) Recruitment of a West Indian general surgeon most likely through UWI general surgery registrar program. Project HOPE participation is projected until June, 1988.

. Pediatrician/community based

(Phase over) to nurse practitioners and public health nurses with improved pediatric skills. Project HOPE participation is projected until June, 1987.

. ENT Surgeon

The first HOPE ENT surgeon is assessing needs and inventorying instruments.

(Phase over) Probably to UWI/Barbados for occasional visits by ENT surgeon from Queen Elizabeth Hospital.

. Family Practice Physician/Carriacou

(Phase-over) to UWI family medicine department for further development of primary health care programs. Project HOPE participation is projected until June, 1988.

. Pathologist

(Phase-over) to West Indian pathologist through registrar program or developemnt of a regional referral scheme. Project HOPE participation is projected until June, 1988.

. Radiologist

(phase-over) to existing consultants and junior staff who will have enhanced ability to read their own films or to West Indian radiologist through the registrar program. Project HOPE participation is projected until June, 1988.

. Urologist

(phase-over) to Trinidadian urologist on rotation.

TECHNICAL SUPPORT SERVICES

. Medical Records Administrator

(phase-over) to current and increasing number of personnel being trained at General Hospital, Princess Alice and Princess Royal hospitals. Project HOPE participation is projected until June, 1987.

. Health Planner/Economist

(phase-over) to Permanent Secretary/Health, Ministry of Finance budget personnel. Project HOPE participation is projected until June, 1988.

. Information Manager

(phase-over) to existing personnel in statistics/clinics. Project HOPE participation is projected until June, 1988.

. Materials Manager

(phase-over) to existing personnel. Project HOPE participation is projected until June, 1987.

. Sanitarian

(phase-over) to improved junior officers. Project HOPE participation is projected until June, 1988.

. Solid Waste Manager

(phase-over) to Grenadian trainee manager in June, 1986.

NURSING

. Nursing Tutors (2)

(phase-over) to two Grenadian nurses entering the tutor training program beginning September, 1986 scheduled to return September, 1987. Project HOPE participation is projected until June, 1988.

. Clinical Nurse Educators (1)

(phase-over) to newly created Grenadian clinical nurse educators. Project HOPE participation is projected until June, 1988.

. Psychiatric Nursing (2)

(phase-over) to Grenadian nurses attending UWI psychiatric nursing program. Project HOPE participation is projected until June, 1987.

Positions to be Added

. Hospital Administrator (contracted May 1)

- (phase-over) to existing administrators at General Hospital and mental hospital. HOPE participation is projected until June, 1988.

. Health Educator (contracted May, 1)

(phase-over) to clinic nursing staff and public health nurse acting in role of the health educator. Project HOPE participation is projected until June, 1988.

. Nursing Tutor (1) (contracted May,1)

(phase-over) to Grenadian nursing tutors. Project HOPE participation is projected until June, 1988.

. Clinical Nurse Educator (1)

(phase-over) to newly created Grenadian clinical educators. Participation is projected until June, 1988.

. Radiology Technician (short-term)

(phase-over) to existing technicians

. Public Health Physician

(phase-over) to Medical Officer of Health

. Psychiatrist (contracted July, 1)

(phase-over) to two local junior psychiatrists. Project HOPE participation is projected until June, 1987.

. Psychiatric Nurse (contracted June, 1986)

(phase-over) to Grenadian nursing staff. Project HOPE participation is projected until June, 1987.

. Psychiatric Social Worker

(phase-over) to Grenadian social worker/psychiatric. Project HOPE participation is projected until June, 1987).

. Psychiatric Therapeutics Activities Person (contracted July 1)
(phase-over) to be determined

. Psychiatric Medical Records (short-term)
(phase-over) to existing medical records staff

. Psychiatric Pharmacist (short-term)
(phase-over) to existing staff

University of the West Indies Registrar Program

- On-Site (April, 1986)
 - . general surgery
 - . community medicine / Carriacou

To Add

- . pediatrics (July)
- . pathology (July)
- . medicine (August)
- . radiology
- . Ob-Gyne
- . Psychiatry (July)

Staffing Summary

Project HOPE/Grenada

Phased-Over

- . dentists (2)
- . Equipment Maintenance (full-time)
- . Family Practice (1)
- . Orthopedic surgeon
- . internist
- . obstetrician
- . medical technologists
 general
 cytology (9/86)
- . pediatrician (1)
- . solid waste (6/86)

- . anesthesiologist

Phase-over
June, 1987

- . pediatrician

- . medical records
- . materials manager
- . equipment maintenance (short-term)
- . Xray technician (short-term)
- . Psychiatry program:
 - psychiatrist
 - nurses (3)
 - social worker
 - activities person
 - medical records (s-t)
 - pharmacist (s-t)

Phase-over
June, 1988

- . general surgeon
- . family practice physician
- . pathologist
- . radiologist
- . economist
- . info manager
- . sanitarian
- . nursing tutors (3)
- . clinical nurses (2)
- . hospital administrator
- . health educator
- . UWI registrars

December, 1987

- . public health physician