

NEPAL

CONTRACTOR'S REPORT # 8

FOR THE PERIOD

1 APRIL 1982 TO 30 SEPTEMBER 1982

RADIO EDUCATION TEACHER TRAINING PROJECT

PROJECT 367-0123  
CONTRACT AID/ASIA-C-1352  
AGENCY FOR INTERNATIONAL DEVELOPMENT  
IN COOPERATION WITH  
SOUTHERN ILLINOIS UNIVERSITY AT CARBONDALE  
UNDER THE  
MINISTRY OF EDUCATION  
CURRICULUM, TEXTBOOK, SUPERVISION DEVELOPMENT CENTRE

## BACKGROUND

The main objective of this project is to create the capacity for HMG of Nepal to train 2,500 in-service primary school teachers per year via the media of radio broadcasts coupled with the use of self-instructional materials. To meet this objective the participation of various units of HMG is required. For example :

- 1) Selected representatives from the Ministry of Education (MOE) must select or prepare the appropriate curriculum materials for this period, then write, test and produce the radio scripts and the self-instructional materials.
- 2) The Curriculum, Textbook, Supervision Development Center (CTSDC) of the Ministry of Education (MOE) must record the scripts for broadcast.
- 3) Radio Nepal must broadcast the recordings at appropriate times.
- 4) The MOE field supervisors must be trained and prepared to conduct the face-to-face instructional aspect of the teacher training and to conduct the field supervision necessary for proper program implementation.
- And 5) The MOE must train, in cooperation with Radio Nepal, staff for hardware maintenance. Several other supportive activities must be conducted to assist in meeting the main objectives: Participant training, construction of a suitable studio, procurement and testing of radio receivers, formative evaluation and general staff development.

Southern Illinois University at Carbondale (SIUC) participation includes : 1) Providing long term advisors for self-instructional material preparation, radio-script writing, and evaluation, 2) Providing short term advisors for technical, supervisory, and other

training, 3) Developing suitable participant training programmes for various areas, and 4) Procuring, shipping, and testing project materials and equipment. In addition to SIUC and HMG involvement, cooperation has been provided through other agencies such as the British Council, UNESCO, and UNICEF.

The SIUC Team Leader arrived in Nepal in September, 1978, and plans to continue in Nepal through the four-year life of the project. The Campus Coordinator of the project visited Nepal; 1) in November 1978 to assist with the preparation of the Work Plan; 2) in September of 1979 to assist with SIM production format and plans; 3) in November of 1979 for the First Joint Annual Review; 4) in July of 1980 to serve as the Acting Team Leader and assist with the first field workshops; 5) in November of 1980 for the Second Joint Annual Review and a Project Evaluation Summary Meeting held by AID/NEPAL, and 6) in November of 1981 for the Third Joint Annual Review. The President of SIU visited Nepal in April of 1979. The Vice-President for Academic Affairs and Research attended the Joint Annual Review in 1979 and the Dean of the SIU College of Education attend the Joint Annual Review in 1980. In a special trip the Acting President of SIU attended the Open House held in conjunction with the Inaugural Broadcast on August 20, 1980. Dr. Guyon, Vice-President for Academic Affairs attend the Third Joint Annual Review.

#### Summary of Accomplishments

19 September 1978 - 31 March 1979

The contract was signed with Southern Illinois University at Carbondale on 19 September 1978. The

Team Leader arrived in Nepal on 28 September 1978. The first six month period was one of considerable organisation and administrative activity. An SIUC office was organized, equipped, and staffed on the Campus of the Institute of Education at Sanothimi.

The SIU Work Plan was developed and approved by the HMG Radio Education Teacher Training Policy Committee. Seven research reports were written. Equipment for the project was selected, bid, and ordered. An advisory Engineer to Radio-Nepal came from the Harris Corporation, Quincy, Illinois.

1 April 1979 - 30 September 1979

The second six months of operation of the Project were marked by a wide variety of creative activities, the arrival of three Specialists, and the launching of the writing and evaluation programmes.

The "B" Level Curriculum of the Institute of Education was revised and became the basis for the RETT Curriculum. An Assistant Project Coordinator was selected along with a single counterpart for both the Self-instructional Materials Specialist and the Radio-Script Writing Specialist. Several members of the writing team were selected and a workshop on the preparation of self-instructional materials was inaugurated.

The initial shipment of radios, antennas, batteries, and solar panels arrived and were tested in several field operations. Research reports eight and nine were completed on solar cell operation and attitudes of lower secondary school teachers respectively.

One participant started training at SIUC. Seven participants were sent to Asia for training in Script-writing, Radio production, and radio maintenance.

1 October 1979 - 31 March 1980

The third six month period of operation of the Project was marked by the arrival and functioning of all the advisors including the Electronics Instructor for Radio Nepal. It was during this period that the basic Nepali staff was appointed. Seven Nepali staff completed training in script-writing, radio production, and radio maintenance in Asia and returned to Nepal to begin their work on the Project. Staff development was continued.

The first Joint Annual Review was successfully completed in November 1979, and greater understanding of the total project was had by the Policy Committee. The project Work Plan was updated and refined. A more specific Work Plan for the Pilot Year and a plan of evaluation was adopted.

Two long term participants continued their studies in the United States. A total of eight research studies were completed and reported. Cooperation continued with staff from UNICEF, UNESCO, USAID/Nepal, and British Council.

Project vehicles arrived facilitating travel and staff moral. Electronic equipment and textbooks arrived for the training of Junior Technical Assistants at Radio Nepal.

1 April 1980 - 30 September 1980

The fourth six month period of operation of the Project saw a change in administration on the part of HMG. The project is now directed by a Joint Secretary of the Ministry of Education.

Training sessions for the trainees of Field Supervisors was conducted. Orientation Workshops for the 117 experimental teachers were conducted. Experimental broadcasting was started on 20 August.

The project moved to new office location in Patan. Survey work was completed for bidding the new 100 KW transmitter. A project amendment was approved to change participant training plans.

Research was continued with reports 18 - 25 being completed during this term.

1 October 1980 - 31 March 1981

The fifth six month period of operation of the project saw the completion and adoption of a new project Work Plan. The Second Joint Annual Review was also completed along with a PES by USAID/Nepal and a Project Audit by the Area Auditors office.

Dr. Graham completed his tour involving the training of the Research Staff. Mr. Caldwell completed his tour of duty involving the training of JTA at Radio Nepal and training Rural Radio Maintenance Personnel.

SIMs and Radio Scripts have been prepared on schedule and the project ended this six month period broadcasting three hours per week. Evaluation studies have been conducted every two months during the broadcast period.

Research reports have been completed with reports 26 thru 37 completed during this term.

1 April 1981 - 30 September 1981

The sixth six month period saw the beginning of the first full broadcast year with 1,181 teachers enrolled. All SIMs and radio materials were produced, delivered and/or broadcast on schedule.

Miss Ledee completed her tour involving the training of Radio Script Writers and Radio Producers. Eight HMG staff completed 3 month training programs in the U.S. during this period and returned to the project. The studio was installed and a maintenance / training program organized. A complete review of the project's curriculum was also accomplished.

1 October 1981 - 31 March 1982

During the seventh six month period all production of SIMs and Radio broadcasts were made on schedule for the over 1,100 teachers enrolled in the program for the 1981-82 year. Radios and batteries for the 1982-83-84 years have been procured and text materials for these years have also been printed. Thus all materials for the 6,000 under SLC primary teachers have been completed.

Dr. Krumhus completed her tour involving the training of Self-instructional material writers. Four HMG staff completed 3 month training programs in the U.S. and five began their training. The Project Director attended the Special Distance Learning Seminar held in Indonesia. The Chief Engineer of Radio Nepal completed a Special Study Tour to the USA where he visited Harris Corporation, SIU, AID/W, and VOA.

1 April 1982 - 30 September 1982 (period covered by this Report)

During the eighth six month period 1,100 teachers completed their training program and 2,500 teachers started their program for the 1982 - 83 broadcast year. All materials have been delivered to the Regional Offices for the 1982-83 and 1983-84 broadcast years. All radio programs have been broadcast on schedule.

All out-of-country participant training programs have been completed. Dr. Graham completed his 3 month follow-up program and Dr Goodman (Krumhus) started her 2 month follow-up program. The transmitter and antenna system have been installed for Radio Nepal (only specification testing has to be done).

Research reports 45 thru 50 have been completed. (See appendix A) The Patan Office has been closed and SIU now uses one room in the CTSDC Office area.

ACCOMPLISHMENTS AGAINST WORK PLAN

1 April 1982 - 30 September 1982

I. GENERAL ADMINISTRATION

A. Management Structure

3. Permanent Nepali Staff appointed to work Independently

b. Writers

d. Producers

e. Field Operation Coordinator

All writers, producers, and the Field Operation Coordinator have been assigned to the project on a permanent basis.

B. Short term Consultants

1. Evaluation Specialist

3. Self-Instructional Specialist

Dr. Graham completed his three month assignment to assist the evaluation team. Dr. Goodman started her two month assignment to assist the writers.

C. Equipment procurement and installation

4. Transmitter and Antenna

Transmitter and antenna were installed at Khumaltar site of Radio Nepal.

E. Selection of Districts and teachers and workshop sites

2. For 1982-1983 (2,500 Teachers)

All teachers for the 1982-83 year were issued books and radios.

F. Determination of Exact Broadcast Schedules

3. For 1983-84

All broadcast plans for future years have been agreed to by MOE and Radio Nepal.

II. MATERIAL PREPARATION AND RADIO PRODUCTION

All print materials have been completed and copies sent to all districts for the 1982 - 83 broadcast year and the 1983-84 broadcast year. (6000 copies were printed instead of the 3,600 called for in the Contract) Work has started on the curriculum for the SLC pass 1-5 teachers who will be the target population for the 1984-86 broadcast years. (this effort is above the contract and Work Plan activities for the SIU involvement) Work has also started on supplemental materials requested for the project curriculum by the National Education Committee. All radio material has been taped for the next two years, however HMG has expanded broadcast hours to 200. (this is 33 percent more than project called for) These extra hours will be taped this year.

III. FIELD SUPERVISORS

A. Selection of Field Supervisors (75)

2. For 1982-83 (for 2,500 teachers)

B. Training of Field Supervisors (75)

2. For 1982 - 83

Field Supervisors have been selected and trained for each of Nepal's 75 districts.

C. Development of Continuous Field Supervisors Program for past Project Years

The RETTP Field Supervision training program has been made a part of the Annual CTSDC Supervision Training Program. Therefore it will be update each year in the future.

IV. EVALUATION

C. General Description of Enrollees in RETT

2. For 1981-82
3. For 1982-83

Research Report #46 describes the teachers enrolled during the 1981-82 year. An outline plan for a report for 1982-83 has been left with the research team.

G. Suggestions for Improvement of RETT

2. For 1982-83

Six research reports and various informal reports have been submitted.

K. Selection of Control Groups

1. Non enrollees (75)
2. Distance Learning Enrollees (35)
3. Residential Students (35)

All evaluation plans have been completed and turned over to the research team.

VI. PARTICIPANT TRAINING (OUT-OF-COUNTRY)

All out-of-country participant training has been completed. See Research Report #44.

PROJECT PROBLEMS

1. There are no major project problems at this time.

NEXT ACTION

1. EVALUATION

Collect data and complete comparison studies.  
Complete cost effectiveness study.

2. CURRICULUM DEVELOPMENT

Complete work on curriculum for SLC pass primary  
teachers.

3. CONTINUOUS IN-SERVICE TRAINING

Begin work on broadcast plans for continuous  
primary school in-service training.

4. CONTRACT TERMINATION

Complete plans for SIU withdrawal from Nepal.

APPENDIX A

Research Reports Completed During Reporting  
Period April 1982 to September 1982

45. In-Country Participant Training.
46. A Description of the Teachers enrolled in the First Full Year of the Radio Education Teacher Training Project.
47. Reactions of teachers enrolled in the Radio Education Teacher Training Project to the Radio Broadcasts.
48. The School Questionnaire
49. Partial Evaluation of the Radio Education Teacher Training Program by Supervisors of the Eastern Development Zone.
50. The Mid-Term Pretest of 1982