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ENERGY INITIATIVES FOR AFRICA

PROJECT NUMBER 698-0424

QUARTERLY PROGRESS REPORT

June 30, 1983

SUBMITTED TO:

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I. INTRODUCTION

EIA's third quarter has been characterized by a significant increase in field work along with a growing need for systems to keep track of these activities.

In Nairobi, the EIA office opened in April with several staff additions. Aside from meetings with the REDSO and in Kenya, contacts have been made through Missions in Rwanda, Lesotho, Swaziland and Malawi.

In Abidjan, the EIA/REFOS office is operational with project staff due to arrive in early August. In addition to Ivory Coast meetings with the REDSO, contacts have been made through Missions in Senegal, Liberia and Togo.

In Washington, D. C., a new project manager has been hired. The EIA team has begun developing the management information systems to respond to the increasing complexity of the project. Work advanced on the country energy profiles as well as on the cross-country assessments, particularly Energy Conservation and International Financial Intermediaries.

II. PROJECT ADMINISTRATION

A. FIELD OFFICES

Nairobi

EIA is currently operating within the offices of E/DI's Kenya Renewable Energy Development Project subcontractor, ADEC. E/DI has signed a long-term lease for EIA in the International House, with occupancy commencing July 1. E/DI will sublet space to SECID for its ETMA project office and will share office infrastructure (photocopier, telex, etc.) with SECID. This arrangement was approved in advance by AFR/RA, which manages both projects.

Abidjan

E/DI expects to receive final clearance from the U.S. Embassy in Ivory Coast for tax exempt status for the project and for expatriate project staff in Abidjan. EIA has rented an office at Rue de Paris in downtown Abidjan. That space is now being prepared, furnished, and equipped with telex lines, telephones, and so on.

A manual for accounting procedures within the Abidjan office has been prepared by the E/DI accounting office in New York. Price Waterhouse/Abidjan has been engaged to advise on any accounting/taxation provisions required by the Ivory Coast government.

B. PERSONNEL

Nairobi

Mike Bess took up duties as Assistant Director on June 20. A full-time project secretary, nor a Mukoya, has also commenced work.

Advertisements for a local hire extension expert did not yield suitable candidates. E/DI is currently identifying candidates through other channels and also intends to re-advertise in July.

Abidjan

Asif Shaikh will arrive in Abidjan on approximately August 7 (subject to final embassy clearance) and Edward Karch will arrive on August 15. A part-time secretary has been employed on a temporary basis, and candidates for the full-time secretarial position have been interviewed.

A number of well-qualified candidates have been interviewed for the local hire professional position in the Abidjan office. The decision to hire such an individual has been postponed, however, until after the office has been established.

Washington, D.C.

Cathryn Goddard was hired as Project Manager for the EIA contract on June 6th, replacing Asif Shaikh who is leaving for Abidjan. In keeping with AFR/RA guidance, she is assigned to the project on a full-time basis until the field offices are completely operational.

Dr. Goddard previously managed a \$1 million subcontract on an AID energy project in Morocco. Her 15 years of experience in energy economics, project management and economic development have been in both the private and public sectors. She is fluent in French and Turkish, with a diploma in Arabic.

C. EIA TRAVEL

Sandy Hale was in Nairobi May 7-11, meeting with the EIA project staff and with REDSO (Fisher, Seyler, and Barnes). Hale, Openshaw, and REDSO reviewed all planned or prospective EIA activities in each of the Eastern and Southern African countries.

Mike Bess met in Washington with E/DI and AID staff prior to travelling to Swaziland for the NRECA mini-hydro conference (June 20-25). Representatives of more than a dozen AID recipient countries in Eastern and Southern Africa attended the conference. Mr. Bess then went on to Nairobi.

Keith Openshaw

Rwanda. Two trips on the Communal Forestry Project.

Lesotho. Meeting with members of the Renewable Energy Technology team to discuss potential EIA efforts.

Malawi. Two trips to examine a coal resources proposal and to meet with forestry officials for preliminary subproject discussions.

Swaziland. Attended NRECA conference and began preliminary discussions with Mission on EIA.

Kenya. Visited Beringo on a potential tree planting project..

Asif Shaikh

Asif Shaikh traveled to four West African countries in March and April.

Togo. He attended the ECOWAS-sponsored Energy Conservation Conference in Lome. The conference afforded an opportunity to meet with several of the key conservation figures in the ECOWAS member states. While in

country, Mr. Shaikh also met with the Togo AID Energy Officer, the outgoing AID Mission Director and his replacement.

Ivory Coast. Mr. Shaikh finalized arrangements for the establishment of the EIA project office in Abidjan. These arrangements included selection of an office, preparations for equipping the office, and interviews with secretarial, clerical, and local hire professional candidates.

Liberia. Mr. Shaikh met with the Energy Advisor and with the Deputy Director of the USAID Mission regarding the request for subproject funds to place a long-term Energy Advisor in Liberia. While in Monrovia, he also met with the Director and staff of the National Energy Committee, as well as with representatives from a Liberia energy consulting firm, the Director of a small enterprise financing organization, and the Director and Deputy Director of Peace Corps/Liberia.

Senegal. Mr. Shaikh met with several members of the AID Mission to discuss with Mission Director Shear ways in which EIA might promote an integration of energy and agricultural projects in Senegal. Three specific activities for possible EIA support were identified during that trip. Proposals for them are discussed elsewhere in this report.

Finally, although Mr. Shaikh was scheduled to visit Upper Volta during his trip, the Mission requested that his visit there be rescheduled because the energy officer was out of the country at the time.

Michael Bess

Mr. Bess has now taken up full-time residence in Nairobi to begin his duties as Deputy Director of EIA for East and Southern Africa. Before arriving in Nairobi, however, Mr. Bess attended a conference on small hydro potential in Africa, at which he gave the keynote address on the Energy Planning Context in Africa.

Adriane Wodey

Ms. Wodey traveled to New York and Connecticut to meet with a number of private voluntary organizations, both to inform them about EIA and to learn about their activities and with whom which we might coordinate in the field. In early June, Ms. Wodey traveled to Ottawa, Canada to work with CIDA in updating the energy profiles that E/DI has prepared, and to help prepare a summary document on major energy recommendations for a number of African countries prepared by R. L. Walker and Partners of Ottawa.

Kenn Ellison

Dr. Ellison joined Ms. Wodey in the New York meetings discussing EIA with selected PVOs and PVO consortia such as CODEL. The trip included formal presentations to CARE, Catholic Relief Services, CODEL, Save the Children, Technoserve, Church World Service, YWCA, United Church Board of World Ministries and the American Council of Voluntary Services.

Similar discussions have been held in Washington with Africare, Credit Union National Association (International Division), International Voluntary Services, Partnership for Productivity, VITA and PACT representatives.

D. PERSONNEL

Task Managers

The designation of Task Managers for the National Energy Assessments, and for the cross-country technology evaluations remain the same as were indicated in the last quarterly report. The Task Managers have submitted progress reports to the EIA Project Manager, and a summary of the status of each task is contained in Section III of this Progress Report.

III. PPDTA

A. COUNTRY ENERGY PROFILES

Energy profiles for fourteen African countries have been pouched to the field. General comments have been received from the Missions in Liberia and Chad as well as from Lesotho and Swaziland declining recommended EIA mini energy assessments. An additional four countries are ready to be distributed (Ivory Coast, Somalia, Sudan, Upper Volta).

The remaining seventeen profiles have been returned from their second major editing and will require one final proofing. The timing for their delivery will depend on whether revisions must again be subcontracted or can be done in-house on transcribed disks. This determination will be made in early July.

The EIA energy inventories, as they were originally titled, were to be a two person/day effort. This level of effort proved to be incompatible with the desired product. Therefore, with guidance from AFR/RA, it was decided to upgrade the inventories to "country profiles" at a level of detail useful to Missions. This decision entailed a concomitant increase in the number of person/days allotted to the task, with which AID/W concurred.

B. CROSS-COUNTRY TECHNOLOGY ASSESSMENTS

As pointed out in the last quarterly report, technology assessment is a misnomer for this project activity. What we are examining are not technologies, but rather dissemination approaches for technologies:

- energy conservation
- intermediate financial institutions
- private sector
- agroforestry

1. Energy Conservation

Detailed terms of reference for the energy conservation evaluation were prepared and distributed to key individuals within AID/W. AFR/RA, AFR/TR and ST/EY all gave clearances in mid-June 1983. The projected date for a preliminary report is now set for October 1983. Work has been initiated in two areas: data gathering on the structure of production and transport activities in a number of African countries; and energy use profiles of the major industrial/commercial and other energy-using activities in various African countries. The conservation evaluation will cover industry, commerce, transport, and electric utilities.

2. Intermediate Financial Institutions

The analysis of Intermediate Financial Institutions (IFIs) as potential vehicles for EIA subprojects funding is largely completed. The first part of the assessment consists of evaluation of the financial structure, administrative/managerial capability, and performance record of illustrative development banks which could serve as reliable IFIs. The organizations examined were largely medium-to large-scale institutions which could reach clients within the modern urban and rural sectors.

In addition, the draft report addresses on illustrative small-scale IFIs, including private voluntary organizations, which appear to have the capacity to serve as financial intermediaries. This latter section of report was prepared for EIA by Partnership for Productivity.

Finally, REFOS, EDI's subcontractor in the Ivory Coast, has prepared a brief report on Intermediate Financial Institutions in that country as well as in neighboring West African states. These reports are being integrated into a common framework. The summary report will be distributed within AID/W in July.

3. Private Sector

With completion of the preliminary reports on Intermediate Financial Institutions, the private sector assessment now enters the implementation stage. The project has developed a number of private sector strategies based on discussions within E/DI, with the two REDSOs, and with the Sahel Development Program Bamako staff. In addition, considerable feedback on private sector strategies was obtained from regional and national development banks, commercial banks, regional organizations and PVOs.

Field reviews of promising private sector energy approaches will commence in August (subject to mission clearances). We expect the field work to yield (i) information on existing patterns of production, distribution and dissemination, and (ii) identification of specific projects which show potential for being developed into private initiatives fostered through EIA.

4. Agroforestry

After discussion of terms of reference submitted in March 1983, AID/W indicated the need to coordinate with the ongoing ICRAF worldwide inventory of agroforestry systems, thereby altering the planned schedule. Keith Openshaw has been working closely with ICRAF to coordinate the efforts of EIA and ICRAF. The initial schedule for release of ICRAF's preliminary report on agroforestry approaches in Africa was June of this year. According to the revised ICRAF schedule, that report should be available to us by mid-August.

During the months of July and August, E/DI will prepare a discussion paper on agroforestry and "farm forestry" approaches. The next stage of the EIA evaluation will be more precisely defined after AID, E/DI, and ICRAF have had the opportunity to review the draft ICRAF report, the E/DI discussion paper, and future options. As has been done to date, every effort will be made to avoid duplication of effort between ICRAF and EIA, so as to gain maximum benefit from the available EIA resources.

C. NATIONAL ENERGY ASSESSMENTS AND STUDIES

1. Assessments

To date, we have received a request from the AID Mission in Upper Volta for assistance leading to the performance of a National Energy Assessment, as part of preparations for a National Energy Plan. Asif Shaikh met with the Energy Officer from Upper Volta (Kevin Mullaly) in Washington in May and agreed that Mr. Mullaly would advise EIA as to the Mission's decision upon his return to Ouagadougou.

Because the World Bank has already performed, or will shortly begin, National Energy Assessments in virtually all sub-Saharan African countries, a number of Missions have expressed interest in using the Energy Assessment component of the EIA Project for specific sectoral studies which would complement the energy assessments. Such studies should fit the basic criterion for the assessments: that is, that they help establish National Energy priorities thereby providing the context within which the specific subproject activities can be identified.

Moreover, because a high proportion of AID Missions in Africa are focusing their programs in one or two major sectors (agriculture and health), it has been suggested that energy assessment work focus on identifying linkages between energy and economic activity in those sectors. In this context, the most important proposed activity is the to performance of agricultural sector energy assessments. These analyses would examine the linkages between agricultural production in the traditional and modern sectors, as well the use of various forms of commercial, non-commercial, hydrocarbon and traditional fuels.

Such agriculture/energy assessments would look at energy use at all levels in the agricultural production process, including transport, fertilizers, and food processing. E/DI is preparing a brief concept paper for distribution and comment within AID/W describing how such assessments may be performed. The Missions in both Senegal and Togo have expressed interest in this area.

2. Studies

The status of requests for studies to be performed under EIA is summarized in Appendix I: EIA Response Log.

3. AFR Energy Strategy

E/DI assisted AFR/TR and AFR/RA in preparing and reviewing initial drafts of an "Africa Bureau Energy Strategy" paper. AFR/TR gave them input to prepare a draft which was circulated on June 22 by EMBIA to AID field offices for comment.

D. GUIDELINES

The task of writing and distributing the EIA Guidelines was completed during the last quarter. Prior to that, the English language version had been sent to each eligible Mission in Africa (five copies each). In April, copies of the French Guidelines were mailed to USAIDS in French-speaking Africa (five copies each), thus completing the task.

The Guidelines continue to be the primary written presentation of the project. They were originally intended to serve AID personnel and therefore, contain much information not useful to other readers; e.g. potential proposers. Feedback from PVO's has corroborated this impression -- They are overwhelmed by the seeming complexity of EIA, an image we do not want to project.

Rather than use the Guidelines as an all-purpose document, two other approaches are under consideration:

- a. producing a brochure (English - French) to respond to preliminary inquiries about the project;
- b. excerpting those sections of the Guidelines needed by proposers to request funding and draft a subproject paper.

IV. SUBPROJECTS FUND

A. GRANT REQUESTS (WITH ESTIMATED COSTS)

The following are grant requests received by or discussed with AID/W and/or E/DI Washington. In addition, REDSO/E and E/DI Nairobi have discussed a number of potential projects which may be converted to future grant requests.

Botswana

Matcheng Village Woodlots (preliminary discussion) \$30-40,000

International Voluntary Service (IVS) presented to E/DI / DC for comment a preliminary version of a potential subproject. In a meeting at E/DI on June 28, the paper was reviewed and general recommendations made for improvements for possible EIA or other donor funding. EIA procedures were discussed with emphasis on the role of the USAID. It was suggested that Mission receptivity first be assessed before preparing lengthy revisions.

Burundi

Buhiga Hydroelectric Station (SPARC) \$75,000

The OAR has requested subproject funding (Bujumbura 2037 - 5/20/83) to complete construction and make operational a dam site near the Episcopal Mission at Buhiga. The project, originally intended to serve only the Mission, was upgraded to supply power to the new provincial center of Karuzi. Flow was greater than anticipated and the project was further upgraded to include eventual installation of a second turbine. EIA is being asked to provide \$75,000 for two transformers, three institutional cooking pots (optional) and local materials and labor costs. Due to end of FY funding restrictions, it was not possible to obligate by July 31.

AFR/RA recommended further investigation and a trip by one of EIA's East Africa representatives.

Cameroon

Save the Children (preliminary inquiry)

Save the Children headquarters in Westport, CT has indicated that after distribution of an EIA summary to the field, the Cameroon field director expressed interest in sponsoring a subproject. Guidelines were sent to the field and if there seems to be a "good fit," the director will draft a preliminary proposal for discussion with EIA/West Africa.

ECOWAS

Energy Conservation (concept paper)	\$194,000 (grant I)
	\$350,000 (grant II)

During the ECOWAS Energy Conservation Seminar held in Lome in March, discussions were held regarding ECOWAS' role in this area. The EIA representative, Asif Shaikh, agreed to write a preliminary proposal outlining an implementation plan. The proposal calls for energy audits in a specific subsector (including technical assistance), training of personnel in audit methodology (grant I) and establishment of a small fund to enable plants to act on the recommendations of the audit (grant II). The paper is currently being circulated in AID/W for comment.

Ivory Coast

Forest and Related Fires (preliminary inquiry)

An urgent cable (Abidjan 05275, 4/20/83) was received from the field requesting assistance to the Ivorian government in stemming fires that have jeopardized and damaged a significant proportion of the coffee and cocoa crop. Although EIA was not specifically addressed in the cable, AFR/RA offered project monies to the effort. Alternative funds were ultimately used.

Lesotho

Cookstove Dissemination (preliminary discussion)

At an AID/Washington meeting, Cathryn Goddard and Asif Shaikh of E/DI, Val Mahan (AFR/RA) and Dom D'Antonio (AFR/TR) discussed with the representative of the Lesotho Mission the possibility of support for dissemination of cookstoves developed under the Renewable Energy Technology project. Obligation deadlines preclude funding in FY 83. In the interim, the Mission is preparing a more detailed plan for technology selection and dissemination.

Rwanda

Communal Forestry (approved) \$500,000

The Communal Forestry Project was approved by AID/Washington on April 1, 1983 (State 088919). The AAO proceeded with plans to draft the subproject proposal with assistance from K. Openshaw and the REDSO. A subsequent cable (Nairobi 14191, 5/12/83) requested a PIO/T for outside project design assistance which was not allowable under EIA. Telex communication with the field (6/13/82) later revealed that the subproject paper had been completed. No obligation has yet taken place.

Improved Cookstove Dissemination (declined)

The AAO requested information on the eligibility of VITA to sponsor an improved cookstove dissemination project in Rwanda (Kigali 01123, 3/23/83). A PID was to be prepared in conjunction with the VITA cookstove evaluation with assistance from EIA and would eventually be funded under EIA. It was recommended by AFR/RA that the AAO await the results of the evaluation before preparing the PID given the mixed results cookstove projects have achieved in general. EIA funds were offered for a brief assessment of the existing cookstove program.

Somalia

Save the Children (preliminary inquiry)

Save the Children has an active forestry program in Somalia and has expressed interest in EIA. The field director has been sent the Guidelines and will contact our East Africa office with ideas for possible subprojects.

Uganda

Woodlot/Forestation Project (letter of inquiry)

Dr. H. K. M. Wacirah of the Experiment in International Living (EIL) in Brattleboro, Vermont was referred to EIA through Save the Children. The Busoga Diocese has asked EIL to design and implement a project to provide fuelwood and stem environmental degradation in the area. EIL requested the Uganda energy profile as a resource. E/DI responded that we would like to discuss the idea further either in Washington or through the East Africa field office.

C. LONG-TERM PLANNING-ADVISORS

Liberia

AFR/RA has approved \$250,000 for a long-term planning advisor to be assigned to the National Energy Committee. Bill Barron of Oak Ridge National Laboratories has been selected to fill the two-year position. He headed the ORNL team that performed the National Energy Assessment and has established an excellent working relationship with all parties involved. Barron's duties will be to assist in the formulation of a national energy plan, identify national energy priorities and act on the recommendations of the energy assessment. He will consider the value of performing a wood gasification study presented to EIA for funding under the PPDTA component.

Somalia

Funding (\$205,000) has been approved for a two-year national energy advisor to assist the Ministry of National Planning in drawing up an energy plan, coordinating donor activities and identifying priority needs. E/DI has submitted four candidates to AFR/TR (Bernadette Bundy) for consideration.

V. TRAINING AND INFORMATION SHARING

It was originally planned that early EIA training activities would serve to disseminate the results of cross-country technology assessments. Due to unavoidable delays in these assessments, E/DI is instead considering a workshop in an area where we have expertise and where there is a need.

Within the next six months, we propose to sponsor a workshop in Nairobi drawing on the experiences of our East Africa staff. Suggestions from the field have included agro-forestry training, bagasse for co-generation, IFI's, etc. Further discussions and planning will take place during July/August travel to Kenya by the EIA Project Manager.

E/DI/DC continues to add to its file of prospective training activities which will grow as field representatives collect ideas during their country visits. EIA has already participated and given presentations at the ECOWAS Energy Conservation Seminar in Lome and the NRECA Small Hydro Conference in Swaziland. EIA East Africa Deputy Director D. Michael Bess was the keynote speaker at the latter.

In Washington, data on available energy training programs and discussion on training needs have been conducted with various organizations including Coverdale, NRECA, Institute of Cultural Affairs, Farallones Institute, CHP International, and Peace Corps. This data is being incorporated into the prospective training file and into a strategy for developing energy training models.

In addition to activities taking place under the training grants component of the contract, training has been incorporated into subprojects and proposals. The ECOWAS Energy Conservation proposal calls for counterpart training and follow-on seminars and the Rwanda Communal Forestry Proposal includes the training of extension agents. It is anticipated that by including outside participants in subproject-funded training (through payment of travel and per diem), training funds may be extended and subprojects may reach a wider audience.

It has been agreed between E/DI and AFR/RA that development of the information sharing component will be tabled until the field offices are fully operational. A conscious decision on the direction information sharing is to take will be made EIA review meeting tentatively slated to be held in January.

APPENDIX

As the EIA project progresses, it faces an increasing number of subprojects, assessments and requests that need to be tracked. Two tables are designed to handle this requirement:

- o EIA Contractor Activities and Targets
- o EIA Response Log.

Contractor Activities and Targets

This table is to provide AID with an on-going synopsis of contractor activities and targets. The next quarterly report will include any targets not accomplished this quarter, with status and comments as appropriate.

In this report, the planned activities of the First Quarterly Report are included in their original format. The Second Quarterly Report planned activities have been put into the new table form. Note that QR II included several activities with a six-month horizon, as well as certain activities which will normally appear in the EIA Response Log.

Planned Activities (From First Quarterly Report)

Status

- Done - Continued response to subprojects, planning, training and information requests;
- See 1 - Between 1-2 brief national energy assessments;
- Done - Initiation of at least 1 cross-country technology/approach assessment, probably in private sector approaches or in agroforestry;
- Done - Evaluation of the potential for use of IFIs through Washington and field research;
- See 2 - Finalization of the country energy planning inventories for all African countries;
- See 3 - EIA participation at the Energy Conservation Conference in Lome (ECOWAS) and representation at the Rwanda Conference; and
- Done - Establishment of the Nairobi field office.

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1. As indicated in Section III.B of this report, no formal requests have been made to date.
 2. Scope of inventories altered by AFR/RA. See Section III.A of this report.
 3. ECOWAS Conference attended. Mission advised against attending Rwanda Conference.

EIA CONTRACTOR ACTIVITIES AND TARGETS
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Date	Country/Organization	Activity	Target	Status/Comments
4/83	Kenya / E/DI	Project Administration	Open Nairobi Office.	Done.
3rd Q	East Africa / E/DI (Rwanda, Lesotho, Malawi, Kenya)	Subproject Fund	Field visits by Openshaw and Harris.	Done. Mess instead of Harris.
3rd Q	West Africa / E/DI (Senegal, Ivory Coast, Togo, Liberia)	Project Administration/ Subproject Fund	Field visits by Shaikh and Karch.	Done.
8/83	Ivory Coast / E/DI	Project Administration	Open Abidjan Office.	
4th Q*	Africa / E/DI	PPDTA	Completion and distribution of all energy profiles.	14 completed and distributed; 17 completed, not distri- buted. See III.A of this report.
4/83	Africa / E/DI	PPDTA	Distribution French Guidelines to Missions.	Done.
Pending	Rwanda/AID	Subproject Fund	Mission approval subproject paper.	See EIA Response Log.
3rd Q	USA / E/DI	Subproject Fund	Approval of pending and new proposals.	See EIA Response Log.
1/84*	USA / E/DI	PPDTA	Complete agroforestry assessment.	See III.B of this report.
10/83*	USA / E/DI	PPDTA	Complete preliminary report of conservation assessment.	See III.B of this report.

* Anticipated

EIA CONTRACTOR ACTIVITIES AND TARGETS
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Date	Country/Organization	Activity	Target	Status/Comments
3rd Q	USA / E/DI	PPDTA	Framing private sector assessments.	Done.
Fall '83*	USA / PFP	PPDTA	Complete private sector assessment.	See III.B of this report.
Pending	Africa / E/DI	PPDTA	Energy Assessments in 2-3 countries subject to Mission approval.	No mission requests except Upper Volta. See III.B of this report.
7/83*	USA / E/DI	PPDTA	Complete IFI assessment.	See III.B of this report.
Pending	Africa / E/DI	Subproject Fund	Finalization of monitoring and evaluation plan for subprojects.	AFR requested E/DI await completion of AFR Renewable Energy Evaluation Handbook.
Fall 83*	Africa/E/DI	Training	Hold one workshop	
3rd Q	US/AFR/TR	PPDTA	Assist in preparing draft of Africa Bureau Energy Strategy paper	Summary cable sent 6/22/83 (State 173236)
6/83	E/DI	Project Administration	Preliminary Project Evaluation	Postponed by AFR/RA decision. Review meeting scheduled for January 84.

* Anticipated

EIA CONTRACTOR ACTIVITIES AND TARGETS
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Date	Country/Organization	Activity	Target	Status/Comments
7 or 8/83	Kenya / E/DI	Project Administration	Goddard trip to develop management information systems with Field Office; meetings with AID.	Under discussion.
11/83*	AFR/CIDA	Training	Tunnah training attendees at Harare Conference on Energy Conservation.	
12/83*	AFR/CIDA	Training	Tunnah training attendees at Dakar conference on energy conservation.	

* Anticipated

Response Log

This table provides a continuous record of contacts made by the contractor in response to inquiries regarding EIA. The nature of the contact (meeting, telex, telephone call) is described and, where appropriate, potential costs are estimated. Country/organization are specified and activities both described and classified according to EIA project category.

This report attempts to reconstruct EIA responses since the project startup. The next quarterly report will include any on-going activities.

Alternatives

SPG - Subproject Grant
SPL - Subproject Loan
PPDTA - Study/Assessment
EPA - Energy Planning Advisor

Initials

KE - Kenn Ellison
CG - Cathryn Goddard
SH - Sandy Hale
VM - Val Mahan
MAR - Mary Ann Riegelman
AS - Asif Shaikh
AW - Adriane Wodey

EIA RESPONSE LOG
698-0424

Date	Country/Organization	Activity	Contact Description	Estimated Cost	Status
10/13/82	Malawi Geological Survey Dept.	Coal Analysis Laboratory (SPG)	Briefing at ST/EY, MAR attended. EIA meeting 11/8/82	\$400,000	Not in accord with EIA Guidelines - declined
10/13/82	Rwanda Direction des Eaux et Forets	Communal Reforestation (SPG)	Cable (Kigali 03314) (numerous subsequent contacts)	\$500,000	Approved (State 311702-11/5/82), subproject paper completed but not received AID/W, not obligated.
10/18/82	Botswana Botswana Technology Centre	Construction of BTC headquarters (SPG)	Letter from Acting Dir., Bart Aarsse	\$150,000	Recommended first identify nat'l priorities
11/5/82	Senegal SERST	Renewable Energy Plan (PPDTA)	In-country meeting with SERST, USAID, AS, MAR	-----	Incorporate renewable plan into overall energy plan pending completion of UNDP/IBRD report.
11/5/82	Kenya Ministry of Energy	Photovoltaics for Village Lighting (SPG)	Cable (Nairobi 27965)	\$125-150,000	Declined-not nat'l priority (State 038811-2/10/83)
12/1/82	Kenya USAID/Micuta Foundation	Micuta Cookstoves (SPG)	Meeting at REDSO/ESA with Joe Pastic, MAR, AS	\$350,000	Not a nat'l priority-declined (State 03881-2/10/83)

SPG - Subproject Grant
SPL - Subproject Loan
PPDTA - Study/Assessment
EPA - Energy Planning Advisor

EIA RESPONSE LOG
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Date	Country/Organization	Activity	Contact Description	Estimated Cost	Status
12/10/82	Senegal USAID	Extension: Africare Woodlot Project (SPG)	Meeting at USAID/Dakar- L. Jepson, J. Schlesinger, D. Diallo, C. Ulinski, AS	\$20,000	Found alternative funding
2/83	Swaziland University	Geographic Mapping Equipment (SPG)	Cable	\$9,000	Not in accord with EIA Guidelines - declined (State 052021-2/25/83); researched alternative funding; recommended CIDA
2/1/83	Guinea Service national d'aménagement des points d'eau (SNAPE)	Solar Water Pumps (SPG)	Concept paper via W. Sherwin of AFR/RA	\$100,000	Recommended mini assessment
2/9/83	Upper Volta High Commission on Energy	National Energy Strategy (PPDTA)	Cable (Ouagadougou 00741) meeting with K. Mulla, AS in D.C. (5/83)	\$40,000	Recommended mini assessment (State 76268)
2/15/83	Kenya Ministry of Energy/ADL	Mombasa Refinery Study (PPDTA)	Cable-Nairobi 05199 Hale memo - 4/15/83	\$80,000	EIA transferred funds to ST/EY for funding (E.O. 12356, 5/19/83)
2/25/83	Upper Volta CDA	Evaluation of Solar Energy for Communication Support (PPDTA)	Cable-Ouagadougou 01117	-----	Recommended await identification of nat'l priorities

SPG - Subproject Grant
SPL - Subproject Loan
PPDTA - Study/Assessment
EPA - Energy Planning Advisor

EIA RESPONSE LOG
698-0424

Date	Country/Organization	Activity	Contact Description	Estimated Cost	Status
3/4/83	Liberia National Energy Committee	Energy Planning Advisor (EPA)	Cable-Monrovia 02141, meeting with L. Richards and MAR, Reston conference discussions 3/3/83	\$250,000	Approved, authoriza- tion package requested
3/4/83	Liberia National Energy Committee	Wood Gasification Study (PPDTA)	Cable-Monrovia 02141 and discussions with Neufville at Reston conference - 3/3/83	-----	Recommended await arrival of energy advisor
3/8/83	Somalia Ministry of National Planning	Energy Planning Advisor (EPA)	Cable (SPARC)-Mogadishu 1701, informal discussions preceeded	\$205,000	Approved (State 130009- 5/11/83), currently selecting candidates (Bernadette Bundy - AFR/TR)
3/22/83	Senegal USAID/Dakar	Agricultural/Energy Sector Assessment (PPDTA)	Cable-Dakar 077551 4/13 meeting-J. Balis, AS	-----	E/DI will submit concept paper Aug. '83.
3/23/83	Rwanda Ministry of Social Affairs and Cooperatives/VITA	Woodstove Dissemination (draft PID, fund subproject) (SPG)	Cable-Kigali 01123	-----	Recommended await results of VITA stove evaluation, offered to perform evaluation of current stoves program
3/31/83	ECOWAS	Energy Conservation (SPG, SPL)	Energy Conservation Conference in Lome 3/30 - 4/8/83 (AS)	\$194,000(I) \$350,000 (II)	E/DI asked to submit proposal to AID/W - circulating for comment
3/31/83	ECOWAS	Spare Parts Bank (PPDTA)	Energy Conservation Conference in Lome 3/30 - 4/8/83 (AS)	\$15,000	Study proposal sent to AID/W for comment

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4/13/83	Senegal OMVS	Manantali Dam (PPDTA)	Meeting with AS & J Balis at USAID/Dakar	\$50,000	Proposal circulated at AID/W for comment; AID decided not to proceed
4/20/83	Ivory Coast Ministry of Water and Forests	Forest and Related Fires (PPDTA)	Cable-Abidjan 05275	-----	Offered EIA funds, but other programs deemed more appropriate
4/25/83	Mali AID/W	Photovoltaic Study (PPDTA)	Meeting with Bernard McNelis of IT Power, SH, AS	\$40,000	Proposal circulated at AID/W for comment
5/18/83	Liberia National Energy Committee	Refinery Study (PPDTA)	Cable-Monrovia 04645	-----	Declined, found alternative funding
5/20/83	Burundi Departement Hydraulique et Electrification Rurale	Buhiga Hydroelectric Project (PPDTA)	Cable-Bujumbura 2037	\$75,000	Not possible to fund before 7/31 deadline, recommended EIA/East TDY
6/2/83	Somalia Save the Children	Possible forestry subproject (SPG)	Phone call from Ethan Atkin (to AW) of STC/Westport, CT	-----	STC sent guidelines to STC/Somalia who will contact EIA/EA
6/2/83	Cameroon Save the Children	Possible income generation subproject (SPG)	Phone call from Ethan Atkin (to AW) of STC/Westport, CT	-----	Guidelines sent to field-STC/Cameroon director will prepare preliminary proposal if appropriate

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6/14/83	Uganda Busoga Diocese/Experiment in Int'l Living	Woodlot/Reforestaton (SPG)	Letter from Dr. H.K.M. Wacirah of EPL-referred by E. Atkin of Save the Children	-----	Responded 6/30 with letter inviting further discussion
6/16/83	Lesotho USAID	Cookstove Dissemination (SPG)	Meeting at AID/W with Mission Rep Dom D'Antonio, AS, VM, CG	-----	No time for FY 83 funding, Mission will draw up more detailed plan
6/20/83	Botswana/Solar Power (Sun Watt/USA)	Photovoltaic manufacturing (SPG)	Telephone inquiry to CG Marcia Wiss	-----	Guidelines sent 6/23, Pointed out all requests originated with Mission.
6/28/83	Botswana Int'l Voluntary Services	Matsheng Village Woodlots (SPG)	Meeting at E/DI/DC w/ KE, CG, AW, D. Funkhauser, J. Cauley, J. Cotter	\$30-40,000	Suggested further information necessary to consider proposal, discussed procedures

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