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FINAL REPORT
NUTRITION IN TIMES OF DISASTER

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INU/LTS

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FINAL REPORT

INDEFINITE QUANTITY CONTRACT

PDC-0262-I-00-7151-00

DELIVERY ORDER NO. 01

MAY 5 TO AUGUST 31 1988

SUBMITTED BY LOGICAL TECHNICAL SERVICES

INTRODUCTION

The major objective of this IQC Delivery Order was to provide assistance to S&T/N and A.I.D. field missions in order to help developing countries understand, anticipate, prepare for, and deal with severe food shortage disasters and nutritional emergencies occasioned by natural phenomena (such as droughts and floods), and man-made causes (such as political, economic and social instability).

A strategy and work plan were prepared to accomplish this objective within the stipulated time frame (May 5 to August 18, 1988*), and reviewed with the S&T/N IQC Project Officer (Appendix 1). The strategy included the identification of resources and opportunities for developing country nutrition, health and related planners to improve their ability to respond to the nutritional needs of disasters and emergencies, as well as the development and/or distribution of manuals and other relevant technical documents. The work plan agreed upon with S&T/N included the following activities:

1. Identification and preparation of lists of resources related to the nutritional management of disasters and emergencies, as follows:

- a. Institutions and organizations (national and international) with knowledge, expertise, experience and/or interest in dealing with the problem;

- b. National and international technical experts, health/nutrition professionals and key developing country authorities that are in a position to provide assistance, make decisions or implement actions regarding the management of nutritional disasters; and

- c. Sources of information, formal and ephemeral literature, guidelines, manuals, technical materials and other documents related to planning, implementation and evaluation of responses to nutritional emergencies.

2. Establish communication and coordination with the identified persons and institutions toward the development of a coordinated plan of action to improve the ability of developing countries to respond to nutritional emergencies.

3. Assist the A.I.D. Project Officer in developing a list of leading developing country technical, managerial and policy personnel who are responsible and have influential positions relevant to the management of nutritional disasters.

* Note: A no-cost extension was granted to extend the project closing date to August 31, 1988.

4. Identify opportunities for LDCs professionals to learn from each other, interchange experiences and be exposed to new technological and methodological developments relevant to nutritional emergencies, such as national and international conferences, workshops and other meetings.

5. Contact A.I.D. missions and inform them about opportunities for LDC nationals and others to get involved in interchange of information and experience and to provide input into the preparation of technical documents and guidelines about diverse aspects of nutrition in times of disaster.

6. Schedule specific events for developing country technical, managerial and policy specialists to participate in, interchange information and meet international experts on disaster management.

7. Collect sample materials on the subject matter and distribute them to people identified in activities 1 and 3.

This report describes the activities undertaken from May 5 to August 31, 1988, as established in the work plan.

1. RESOURCE IDENTIFICATION

a. Institutions.

The following institutions and organizations were identified as being active in dealing with the nutritional aspects of emergencies and disasters, and most of them were contacted either by phone or letter:

i. World Health Organization, Emergency Preparedness and Response (WHO/EPR) -- Dr. Olavi Elo, Chief.

ii. United Nations Administrative Committee on Coordination, Sub-Committee on Nutrition (ACC/SCN) -- Dr. Abraham Horwitz, Chairman, Dr. John Mason, Secretary.

iii. United Nations High Commissioner for Refugees -- Ms. Angela Berry, Nutritionist.

iv. Famine Early Warning Systems Project, Tulane University (funded by A.I.D.) -- Dr. Nancy Mock, Project staff, Mr. Jonathan Clson, A.I.D. Project Officer.

v. A.I.D. Food for Peace (FFP/FVA) -- Ms. Hope Sukin.

vi. PAHO/WHO, Emergency Preparedness and Response -- Dr. Claude De Ville De Goyet, Chief, Dr. Abraham Horwitz, Director Emeritus.

vii. PAHO/WHO, Emergency Preparedness and Response for Central America -- Dr. Hugo Prado, Regional Advisor. San Jose, Costa Rica.

viii. International Nutrition Planners Forum -- Dr. Walter J. Santos, President of Executive Committee. Rio de Janeiro, Brazil.

b. Human Resources.

Appendix 2 displays a list of the names, affiliations and addresses of persons identified as being knowledgeable, experienced and/or interested in the nutritional management of emergencies and disasters worldwide, technical people from both industrialized and less developed countries (LDCs). USAID country missions were instrumental in helping to identify appropriate persons from LDCs.

c. Information materials.

Bibliographic reviews and direct search were carried out to identify sources of information, relevant documents and other technical materials related to the nutritional management of emergencies. Appendix 3 includes a list of the information materials identified.

2. COMMUNICATION AND COORDINATION

Communication was established with those institutions and organizations most active in supporting, implementing or providing technical assistance to LDCs governments in the nutritional management of emergencies and disasters. These included the World Health Organization/Emergency Preparedness and Response Unit (WHO/EPR), the United Nations Administrative Committee on Coordination/Sub-Committee on Nutrition (ACC/SCN), the United Nations High Commissioner for Refugees (UNHCR), and the International Nutrition Planners Forum.

The U.N. Sub-Committee on Nutrition is composed of the chief personnel responsible for nutrition in all relevant U.N. specialized agencies, plus similar leaders from all bilateral assistance agencies, including A.I.D. The ACC/SCN has been particularly interested in promoting interchange and dialogue among recognized world-wide experts in the nutritional management of emergencies, to discuss key issues, share experiences from different situations and regions, and hopefully reach consensus in order to meet an urgent need for standardization of general procedures and methodologies in addressing the nutritional needs of populations affected by sudden, catastrophic disaster or emergency situations.

About two years ago, the ACC/SCN, WHO/EPR, UNHCR and the AID/Office of Nutrition initiated discussions about the need to review some crucial aspects of the nutritional management of disasters on the basis of the experience accumulated over the past decades in different regions of the world, particularly in Africa. The aim is to increase the response capabilities to severe food shortages, disasters and nutritional emergencies occasioned by either natural phenomena or man-made causes. There

was an early agreement among the institutions involved in these discussions about organizing an International Conference on Nutrition in Times of Disaster, to discuss the following critical issues:

- a. Early warning: timely warning and preparedness.
- b. Assessments: the use of nutritional and socio-economic information to assess the nature and extent of a disaster.
- c. Monitoring and evaluation: the use of nutritional and socio-economic information to monitor the progress and abatement of the emergency, and the nutritional status of the affected population.
- d. Food rations: the development of nutritionally adequate and cost-effective rations that are culturally acceptable to the affected people under existing conditions.
- e. Sudden disasters: specific consideration of preparations for, and response to, earthquakes, floods or hurricanes.
- f. Phasing out: the criteria for decisions to terminate emergency actions, and to begin or resume interventions to ameliorate chronic malnutrition.
- g. Logistics: the training, organizational, logistical support and supervisory needs of personnel (nationals and expatriates) involved in providing disaster relief.

The purpose would be to achieve a consensus among the participant agencies represented at conference regarding the best ways to safeguard the nutritional status of developing country populations during times of crisis and disaster. This would include populations remaining at their customary sites or people who migrate in an effort to resolve their food problem. Disasters were viewed as being of three types:

- a. Longer-maturing nutritional emergencies due to natural causes such as droughts.
- b. Longer-maturing emergencies due to man-made causes such as war, structural adjustment of the economy and budgetary reform, or other forms of political, economic or social instability.
- c. Sudden-onset natural calamities such as earthquakes or floods.

Emphasis at the conference would be placed on the first two slow-onset types of disaster. The key decision implied in this definition would be whether or not to distribute emergency food to prevent or treat malnutrition due to an identified crisis.

The AID/Office of Nutrition has been particularly interested in strengthening the capability of developing countries to

address the nutritional needs of populations affected by emergencies/disasters. The proposed International Conference might be one of several suitable mechanisms for reaching that goal. By participating in such a conference, developing country professionals with knowledge, direct experience and/or interest in the nutritional management of emergencies, and who regularly have responsibilities for policy and program implementation decisions, would benefit from the interchange of knowledge and experience, and would also provide their input from a different perspective from that of the industrialized country experts.

The International Nutrition Planners Forum (INPF) is seen as a suitable mechanism to ensure effective participation of LDCs professionals in that Conference. The INPF is an AID sponsored informal organization of senior developing country nutrition and health planners responsible for policy and program design and implementation. Members do not represent governments. They participate in their individual capacity as professionals. The forum was created by the Office of Nutrition/A.I.D. to provide greater opportunities for developing country nutrition professionals to exchange ideas and experiences, to learn from one another, and to speak out on important nutrition issues. Its program consists of activities such as conducting exchange study visits, writing and publishing case histories on nutrition planning, and holding forums on relevant nutrition topics. Forum participants are predominantly from developing countries; therefore, the published conclusions and recommendations are seen as representing the views of the developing world.

In a planning meeting held in Geneva on February 20-21, 1988, with participation of ACC/SCN, WHO/EPR, UNHCR, AID/S&T/N and INPF representatives, a consensus was reached on the following points:

a. The Conference will be scheduled for September 27-30, 1988 at the headquarters of the World Health Organization (WHO, Salle B) in Geneva.

b. The Conference will be held under the joint auspices of the ACC/SCN and INPF. It will be organized by WHO, UNHCR and INPF. WHO (EPR) will act as the Conference Secretariat.

c. Participation will be by invitation only. National representatives from disaster-prone countries will be identified through coordination with governments and representatives of WHO, UNICEF and WFP. Country representatives will be designated by Agency members of the ACC/SCN. Individual experts will be selected for their practical experience and technical knowledge of the issues of the agenda. There will be about 40 representatives from disaster-prone countries; 15 representatives designated by Agency members of ACC/SCN, bilateral agencies and NGOs; and 15 individual experts. INPF, with AID/W assistance, will coordinate the participation of developing country professionals.

d. The format of the Conference will include preparation of technical papers for advanced delivery and summary presentation to the Conference. These papers will be prepared by individual experts, and a commentator, appointed from representatives of developing countries, will formally review each of the papers and present his/her comments before the Conference. The key papers will cover the following topics:

- 1) Preparedness in emergencies.
- 2) Assessment/Nutritional indicators.
- 3) Assessment/Socio-economic indicators.
- 4) Food rations.
- 5) Logistical constraints.
- 6) Monitoring/Nutritional indicators.
- 7) Monitoring/ Socio-economic indicators.
- 8) Systems for preventing the effects of droughts.

Each topic will be introduced in plenary sessions and discussed simultaneously in smaller working groups in order to provide greater informal participation. Preliminary conclusions of the groups will be presented for discussion in plenary sessions, and the final conclusions and recommendations will be compiled by experts and commentators. The Conference will be conducted in English, with simultaneous translation into French. WHO, ACC/SCN and UNHCR were assigned responsibilities for coordinating the preparation and review of the technical papers, ensuring on-site logistical support in Geneva, and making administrative arrangements related to participants other than those selected and/or covered by INPF. The INPF, in turn, will coordinate the participation of selected developing country representatives, including the members of its own Executive Committee. It is foreseen that INPF would coordinate and cover the participation of 15 to 20 developing country representatives.

The writing and revision/comments of the technical papers have been already commissioned, as follows:

- 1) P. Cutler (England), T. Maribe (Botswana)
- 2) P. Nieburg (USA), S. Kinoti (Kenya)
- 3) E. Clay (England), D. Habte (Ethiopia)
- 4) J. Seaman (England), B. Torun (Guatemala)
- 5) R. Stephenson (England), M. Mispelaar (Mozambique)
- 6) P. Nieburg (USA), Kertez (Brasil)
- 7) E. Clay (England), J. Maeda (Kenya)
- 8) Soekirman (Indonesia), M.T. Aby Sy (Senegal)

3. KEY LDCs PERSONS

Appendix 2 includes the names of key persons from developing countries that were identified as having knowledge, expertise, experience and/or interest, or being responsible for policy or program decisions, in regard to the nutritional management of emergencies. This will be useful as a reference list for future activities aimed at improving the ability of developing countries to respond to nutritional needs in emergency situations. It

should be periodically updated.

4. OPPORTUNITIES FOR LEARNING AND INTERCHANGE

The International Conference on Nutrition in Times of Disaster has been the most concrete opportunity so far identified for LDC professionals to learn from each other, share experiences and be exposed to new developments relevant to the nutritional management of emergencies. Likewise, the INPF appears to be one of the most suitable mechanisms to create opportunities for developing country nutrition, health and related professionals and planners to present their ideas, exchange their views and experiences, and improve their abilities to respond to the nutritional needs of disasters and emergencies, as well as to deal with the prevalent chronic nutritional problems of LDCs.

Up to now INPF activities have been restricted to holding international conferences focused on critical issues: Maternal and Infant Nutrition in Manila, Phillipines, 1981; Nutrition in Primary Health Care in Cairo, Egypt, 1984; and Nutrition and Diarrheal Disease Control in Brighton, England, 1985. Reports from these meetings were widely distributed in both developing and industrialized countries. The last one was published in three languages (English, French and Spanish).

Two types of actions are envisaged in regard to the INPF:

a. Promote and coordinate the active participation of LDC professionals in international meetings, such as the above mentioned International Conference on Nutrition in Times of Disaster.

b. Strengthen the INPF by restructuring it, developing short and long-term plans of action, and formalizing A.I.D. commitment for continued support, as well as identifying and supporting new opportunities for scientific and technical interchange among developing countries. Not only the voice of the developing world should be heard and given more consideration by international agencies responsible or interested in supporting development programs, but there is also a great need for developing countries to learn from each other and to work out solutions together.

Participation of the INPF in the International Conference on Nutrition in Times of Disaster was considered in early informal meetings, as well as in the formal planning meeting of February, 1988. In follow-up of the decisions made at that meeting, LTS contacted all international organizations involved and, after due consultations with the AID Project Officer (N. Luykx) and the Executive Secretary of INPF (Dr. Walter J. Santos), close communication and coordination were established and have been maintained with WHO, ACC/SCN and UNHCR in regard to the planning and organization of the Conference on behalf of AID and the INPF.

A circular cable (Appendix 4) was sent to all USAID missions to inform them about the Conference, and to request their collaboration in identifying appropriate participants from developing countries and of agencies dealing with the nutritional aspects of emergencies and disasters, as well as in securing financial support for their participation.

Responses have been received from most of them. As a result of that, LTS has developed a list of candidate participants from developing countries, with indication of potential sources of funding for attending the Conference (Appendix 5).

Close contact has been maintained in this regard with N. Luykx (S&T/N), as well as with Dr. Elio (WHO/EPR), Dr. A. Horwitz and Dr. J. Mason (ACC/SCN), Ms. A. Berry (UNHCR) and representatives from other relevant international organizations. Effective coordination has been achieved with these persons and institutions for the organization of the September, 1988 Conference.

5. CONTACTS WITH A.I.D. MISSIONS

All A.I.D. country missions were contacted initially through the circular cable and subsequent cables requesting their advice in identifying qualified persons for the Geneva Conference. Follow-up cables were sent to missions not responding to the initial cable, and to those nominating candidates for participation in the Conference. Overall, missions responded positively. However, it is now evident that there are few developing country experts in the nutritional management of disasters. This is clearly the case of countries not prone to countries, particularly in Asia and Latin America. Also responses from disaster-prone African countries, especially the Sahelian ones, have been less than expected. The interest in having participants from high-risk French-speaking African countries led us to suggest to the Conference organizers in Geneva to plan for simultaneous translation into French. The cost of such translation should be covered by A.I.D.. An additional problem is the fact that some knowledgeable and experienced developing country professionals do not speak English. Some missions are willing to send staff members as observers (Honduras, Ethiopia) with missions funds.

6. EVENTS SCHEDULED

The major event scheduled for the near future is the International Conference on Nutrition in Times of Disaster. Developing country representatives should have an important role to play in this conference, and this will be facilitated by the INPF. Furthermore, full advantage should be taken of this opportunity to have a separate meeting of developing country participants to discuss the most effective ways to strengthen the role of the INPF in international nutrition, restructure its Executive Committee, and formulate short and long-term plans hopefully not restricted to international conferences.

The Georgetown University Medical Center will be holding in Washington, D.C. (December 4-7, 1988) an International Symposium on Health Care for Displaced Persons and Refugees. Consideration should be given to promote participation of developing country professionals.

7. COLLECTION/DISTRIBUTION OF SAMPLE MATERIALS

Documents and other materials about the nutritional management of emergencies have been identified. Some of these materials have been collected and are now available at the LTS/International Nutrition Unit. Copies of the most relevant documents will be distributed to selected LDC people from the list in Appendix 2. An extensive computerized bibliographic search was carried out by the A.I.D. Development Information Unit. The A.I.D. database as well as several commercial databases were searched. The annotated bibliography generated from this search is attached as a separate annex.

APPENDICES

1. Strategy and Work Plan for May 5 to August 18, 1988.
2. List of human resources in nutritional management of emergencies.
3. List of information materials and documents on the nutritional management of emergencies.
4. Circular cable to AID country missions.
5. Developing country participants selected (by August 4, 1988) for the September 1988 Conference.

APPENDIX 1

Scientific, Technical and Planning Support. (931-0262)
PDC-0262-I-00-7151-00 Delivery Order No. 1

STRATEGY AND WORK PLAN

The objective of the reference delivery order to LTS is to provide technical assistance to S&T/N and A.I.D. field missions in order to help developing countries understand, anticipate, prepare for, and deal with severe food shortage disasters and nutritional emergencies occasioned by natural phenomena (such as droughts and floods) and man-made causes (such as political, economic or social instability).

The proposed strategy to accomplish this objective encompasses the identification of resources and opportunities for developing country nutrition, health and related planners to improve their ability to respond to the nutritional needs of disasters and emergencies, as well as facilitating the interchange of information and experiences among developing country authorities and international experts and sources of information about technical and logistical support services relevant to disasters and nutritional emergencies. Development and/or distribution of manuals and other relevant technical materials will also be part of the strategy.

Work Plan: May 5 - August 18, 1988

The work plan to be implemented over the period stated in the Delivery Order (May 5 to August 18, 1988) will include the following activities:

1. Identification and preparation of lists of the following resources related to the nutritional management of disasters and emergencies:

1.1 Institutions and organizations (national and international) with knowledge, expertise, experience and/or interest in dealing with the problem, such as WHO, the International Nutrition Planners Forum (INPF), U.N. High Commission for Refugees (UNHCR), the U.N. Sub-Committee on Nutrition (SCC/SCN), the World Food Program (WFP), UNICEF, FAO, PAHO/WHO, etc.

1.2 Technical experts (national and international), health/nutrition professionals and key developing country authorities that are in a position to provide assistance, make decisions or implement actions regarding the management of nutritional disasters, with specification of their field of expertise and capabilities to generate, transmit or apply relevant knowledge for the improved management of nutritional emergencies in developing countries.

1.3 Sources of information, formal and ephemeral literature, guidelines, manuals, technical materials and other

documents related to planning, implementation and evaluation of responses to nutritional emergencies.

2. Establish communication and coordination with the identified persons and institutions toward the development of a coordinated plan of action to improve the ability of developing countries to respond to nutritional emergencies.

3. Assist the A.I.D. Project Officer in developing a list of leading developing country technical, managerial and policy personnel who are (and are likely to remain) responsible and have influential positions relevant to the management of nutritional disasters, indicating their potential role as participants in efforts to improve the ability of LDCs to manage nutritional emergencies.

4. Identify opportunities for LDC professionals to learn from each other, interchange experiences and be exposed to new technological and methodological developments relevant to nutritional emergencies, such as national and international conferences, workshops and other meetings.

5. Contact A.I.D. missions to inform them about opportunities for LDC nationals and others to get involved in interchange of information and experience and to provide input into the preparation of technical documents and guidelines about the following aspects of nutrition in times of disaster.

a. Timely warning and preparedness.

b. The use of nutritional and socio-economic data for the assessment of the nature and extent of the disaster.

c. The use of nutritional and socio-economic data for monitoring the progress and abatement of the emergency, and the nutritional status of the affected population.

d. The development of nutritionally adequate and cost-effective rations that are culturally acceptable to the affected population under existing conditions.

e. The training, organizational, logistical support and supervisory needs of personnel (national and expatriates) involved in providing disaster relief.

f. Effective systems to prevent the effects of droughts.

6. Schedule specific events for developing country technical, managerial and policy specialists to participate, interchange information and meet with international experts on disaster management.

7. Collect sample materials on the subject matter and distribute them to people identified in activities 1 and 3.

Timetable

The above mentioned list of activities will be implemented between May 5 and August 18, 1988, within the following timetable:

<u>Activity No.</u>	<u>Month(s)</u>
1	May, June
2,3,4,5	June, July
6,7	July, August

Key Personnel

The above mentioned work plan will be implemented under the joint responsibility of two LTS consultants who will devote 50 work days to accomplish the seven activities above outlined: Dr. Jose O. Mora (Health/Nutrition Survey Design and Data Analysis Specialist) will spend 23 days and Ms. Virginia Yee (Community/Public Health Nutritionist) will spend 27 working days on this delivery order. They will keep a continuing interchange with the A.I.D. Project Officer regarding progress on the work plan, achievements and obstacles encountered, both by phone and through periodic (once-a-week) meetings at a mutually convenient time. At the end of the Delivery Order completion date, a full draft report will be submitted to the A.I.D. Project Officer within ten working days, attaching single copies of all documents, communications and lists developed.

APPENDIX 2

LIST OF PERSONS KNOWLEDGEABLE, EXPERIENCED AND/OR INTERESTED IN THE NUTRITIONAL MANAGEMENT OF DISASTERS AND RELATED FIELDS.

1. Dr. Edmundo Alvarez
Instituto de Nutricion de Centro America y Panama, INCAP
Apartado Postal 1188
Carretera Roosevelt, Zona 11
Guatemala, Guatemala, C.A. Tel (582-2) 723-762/4
2. Dr. Bailey
Regional Advisor for Nutrition, WHO/AFRO
Brazzaville
3. Mr. Innousa Barry
Directeur du Secretariat Permenant
de Lutte Contre les Effets de la Secheresse
Ougadougou, Burkina Fasso
4. Mr. Naceur Bamri
Director, National Committee for Social Solidarity (NCCS)
Ministry of Social Affairs
75 Avenue Farhat Hached
Tunis, Tunisia Phone: 258-171-176
5. F. Bendek
Colombia
6. Ms. Angela Berry
United Nations High Commissioner for Refugees, UNHCR
Geneva, Switzerland Tel: 4122-398308 (Office)
33-50-042327 (Home)
7. E. Choto
Zimbabwe
8. Dr. E.J. Clay
Relief and Development Institute
1 Ferdinand Place
London NW1 8EE
9. Dr. Mamadi Conde
Guinea
10. Ms. Ann Crowley
Manager, Nutrition Education in Health Centers
CRS Egypt
P.O.Box 2410
Cairo, Egypt Tel: 354-2404
11. Mr. P. Cutler
CDR Resource Group
The Coach House, The Hermitage, Peasmarsh
Sussex TN31 6XL, England

12. Dr. Claude de Ville de Goyet
Regional Advisor, Emergency Preparedness and Response
Panamerican Health Organization
525-23rd Street, N.W.
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13. Dr. Mohamed I. El Ghorab
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14. Dr. Olavi Elo
World Health Organization
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1211 Geneva 27, Switzerland Phone: (022) 912-777
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15. Dr. Wilma Freire
Corporacion Naional de Desarrollo
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Quito, Ecuador Phone: (5932) 563666 Ext. 182
16. Dr. Mamdouh Gabr
162 Tahreer Street
Cairo, Egypt
17. U. Geijer
Swedish Red Cross
18. Ms. Safia Giama
Somalia
20. Ms. Gladys Gilbert
USAID General Development Officer
Addis Ababa, Ethiopia
21. Dr. Peter Greaves
JNSP Program
UNICEF, New York
22. Dr. Demissie Habte
Faculty of Medicine
Addis Ababa University
P.O.Box 1176
Addis Ababa, Ethiopia
23. Dr. Mohamed Amr Hussein
Director, National Institute of Nutrition
Cairo, Egypt

24. Dr. Eduardo Kertez
Instituto Nacional de Alimentacion y Nutricion, INAN
Avenida W/3 Norte Quadra 530 (510?)
Brasilia 7000, Brazil.
25. Dr. Stephen R. Kinoti
Department of Nutrition
Medical Research Centre
Kenya Medical Research Institute
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Nairobi, Kenya
26. M. Konte
Mauritania
27. Dr. Dikassa Lusamba
Assistant Professor
University of Kinshasa School of Public Health
Kinshasa, Zaire Telex: 21536, Lasco ZR
28. Mr. Justin Maeda
UNICEF Regional Office
East and South Africa
P.O.Box 44145
Nairobi, Kenya
29. Ahmed Mohamed Magan
Somalia
30. Ms. T. Maribe
Family Health Division
Ministry of Health
Gaborone, Bostwana
31. Dr. John B. Mason
Secretary, ACC/SCN
c/o Food Policy and Nutrition Division, FAO
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Telex: 610181 FAO I
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32. Dr. Yankalbe Matchock Mahouri
Directeur General du Ministere de la Sante Publique
N'Djamena, Chad
33. Dra. Maria Eugenia Mazuera
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34. Ms. Olivia M'Gaza
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35. Dr. M. Mispelaar
Director of Operations
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Maputo, Mozambique
36. Mr. Fred Modise
Botswana
37. Mrs. Alawia El Amin Mohamed Ahmed
Deputy Director, Nutrition Department
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38. Dr. Fernando Monckeberg
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39. Louis Msukwa
Malawi
40. Dr. Phillip Nieburg
Division of Nutrition
Center for Health Promotion and Education
Center for Disease Control
Atlanta, GA, USA
41. Dr. Alberto Pradilla
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Nutrition Unit
1211 Geneva 27, Switzerland.
42. Dr. Hugo Prado
Regional Advisor
Emergency Preparedness and Response for Central America
San Jose, Costa Rica Phone: (506) 572-141
43. Dr. G. Quincke
WHO, Food Aid Programme
Geneva, Switzerland
44. Mr. Bougoussare Rene
Chef du Service
Service des Statistiques Agricoles
Direction de Etudes et Programmation
Ministere de l'Agriculture et de l'Elevage
Ougadougou, Burkina Fasso

45. Dr. John Rivers
Nutrition Department
London School of Hygiene and Tropical Medicine
London
46. Dr. Lenin Saenz
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Ministerio de Salud
San Jose, Costa Rica Phone: (506) 230333
47. Dr. Walter J. Santos
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CEP 20020
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48. J. Seaman
London
49. Lynn C. Sheldon
Disaster Relief Officer
USAID
Tegucigalpa, Honduras
50. Dr. Issa Simbaye
Assistant Director of Family Health
Ministry of Health and Social Welfare
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Monrovia, Liberia Tel: 224221
51. Mr. Phillipe Singellos
Ministere de l'Agriculture et de l'Hydraulique
DEP/SA
Niamey, Niger
52. Dr. Soekirman
Komplkes Bappenas No.6
JT Taman Suropatiz
Jakarta, Indonesia
53. Professor Ju Jin Soon
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54. Dr. R. Stephenson
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55. Dr. M.T. Aby Sy
Directeur de l'Hygiene et de la Protection Sanitaire
Ministere de la Sante Publique
Dakar, Senegal

56. Mr. Szynalski
Director, Disaster Unit
World Food Program
Rome
57. Ms. Julia Tawiyere
Zimbabwe
58. Dr. Ignatious Tarwotjo
Director, Nutrition
Community Health Services Division
Directorate General of Community Health
Ministry of Health
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59. Dr. Benjamin Torun
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Guatemala, Guatemala
60. Dr. Monique Traore
Madame la Directrice de la Sante Maternelle et Infantile
Ministere de la Sante Publique et des Affaires Sociales
Niamey, Niger
61. M. Ousmane Traore
Directeur du Secretariat Permanent au Comite National
D'Action d'Urgence et de Rehabilitation
Ministere de l'Administration Territoriale et du
Developement a la Base
Bamako, Mali
62. Dr. C.T. Wang, MBBS, M.D.
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R.P. China

APPENDIX 3

LIST OF PUBLICATIONS ON THE NUTRITIONAL MANAGEMENT OF EMERGENCIES AND DISASTERS, AND RELATED FIELDS.

1. PAHO/WHO. The management of nutritional emergencies in large populations. C. de Ville, J. Seaman and U. Geijer. PAHO/WHO Scientific Publication No. 444. PAHO/WHO, Washington, D.C., 1983.
2. Guide to Food and Health Relief Operations in Disasters. Protein Advisory Group (PAG) of the United Nations. New York, 1977.
3. Blix, G., Y. Hofvander and V. Valquist (Eds.) Famine: A Symposium Dealing with Nutrition and Relief Operations in Times of Disaster. Uppsala, Almqvist and Wikell, 1971.
4. Rivers, J.P.W. and J.A. Seaman. Nutritional Aspects of Emergency Food Relief (draft). Save the Children, August 1983.
5. Nieburg, P. Assessment of the Food and Nutrition Situation Among Refugees and Famine Victims. Prepared for the Conference on Nutrition in Times of Disaster, Geneva, September 27-30, 1988.
6. Shoham, J. and Clay, E. The Role of Socio-Economic Data in Food Needs Assessment and Monitoring. Prepared for the Conference on Nutrition in Times of Disaster, Geneva, September 27-30, 1988.
7. Cutler, P. Preparation for Early Response to Disasters. Prepared for the Conference on Nutrition in Times of Disaster, Geneva, September 27-30, 1988.
8. Stephenson, R., N. Russell and M.D. Thompson. Some Operational Constraints on Food Emergency Logistics and Relief Commodity Distribution. Relief and Development Institute, London. May 1988.
9. IVACG. Vitamin A Supplementation Guidelines for Emergency and Relief Operations. In press, 1988.

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DRAFTED BY: AID/ST/M:JMORA:BD
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 AID/ANE/TR/HPH:UNADOLMY (DRAFT) AID/LAC/DR/HPM:JALEMENT (DRAFT)
 AID/AFR/TR/HPN:KALRUTZ (DRAFT) AID/FVA/FFP:HSUKIM (DRAFT)
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SUBJECT: SEPTEMBER 1988 INTERNATIONAL CONFERENCE ON
 NUTRITION IN TIMES OF DISASTER

REFS: (A) STATE 270225 (B) STATE 112848

1. PURPOSE: THE PURPOSE OF THIS MESSAGE IS TO (1) INFORM
 MISSIONS ABOUT THE SUBJECT CONFERENCE; AND (2) REQUEST
 MISSION SUPPORT IN IDENTIFYING QUALIFIED DEVELOPING
 COUNTRY SPECIALISTS WHO WOULD BE INVITED TO PARTICIPATE.

2. DATE, PLACE, SPONSORSHIP, PURPOSE, AND OTHER
 BACKGROUND:

- (A) DATE: SEPTEMBER 27 - 30, 1988.
- (B) PLACE: GENEVA, SWITZERLAND, IN THE FACILITIES OF
 THE WORLD HEALTH ORGANIZATION (WHO).
- (C) SPONSORSHIP: (1) THE INTERNATIONAL NUTRITION
 PLANNERS FORUM (INPF); AND (2) THE SUBCOMMITTEE ON
 NUTRITION OF THE UNITED NATIONS ADMINISTRATIVE COMMITTEE
 ON COORDINATION (ACC/SCN). THE INTERNATIONAL NUTRITION
 PLANNERS FORUM (INPF) IS AN A.I.O.-SUPPORTED UNOFFICIAL

ORGANIZATION OF SENIOR DEVELOPING COUNTRY NUTRITION AND
 HEALTH PLANNERS RESPONSIBLE FOR POLICY AND PROGRAM DESIGN
 AND IMPLEMENTATION. THE U.N. SUBCOMMITTEE ON NUTRITION
 (SCN) IS COMPOSED OF THE CHIEF PERSONNEL RESPONSIBLE FOR
 NUTRITION IN ALL RELEVANT U.N. SPECIALIZED AGENCIES, PLUS
 SIMILAR LEADERS FROM ALL BILATERAL ASSISTANCE AGENCIES
 (INCLUDING A.I.O.).

-- (D) PURPOSE: THE PURPOSE OF THE CONFERENCE IS TO
 ACHIEVE A CONSENSUS AMONG THE PARTICIPATING AGENCIES
 REPRESENTED AT THE CONFERENCE REGARDING THE BEST WAYS TO
 SAFEGUARD THE NUTRITIONAL STATUS OF DEVELOPING COUNTRY
 POPULATIONS DURING TIMES OF CRISIS AND DISASTER.

-- (E) DEFINITION: THE TERM QUOTE DISASTER END QUOTE MAY
 INVOLVE POPULATIONS REMAINING AT THEIR CUSTOMARY SITES OR
 PEOPLE WHO MIGRATE IN AN EFFORT TO RESOLVE THE FOOD

PROBLEM. DISASTERS MAY BE VIEWED AS BEING OF THREE
 GENERAL TYPES: (A) LONGER-MATURING NUTRITIONAL EMERGENCIES
 DUE TO NATURAL CAUSES SUCH AS DROUGHT (B) LONGER-MATURING
 EMERGENCIES DUE TO MAN-MADE CAUSES SUCH AS WAR, STRUCTURAL
 ADJUSTMENT OF THE ECONOMY AND BUDGETARY REFORM, OR OTHER
 FORMS OF POLITICAL, ECONOMIC OR SOCIAL INSTABILITY, AND
 (C) SUDDEN-ONSET NATURAL CALAMITIES SUCH AS EARTHQUAKES
 OR FLOODS. EMPHASIS AT THE CONFERENCE WILL BE PLACED ON
 THE FIRST TWO SLOW-ONSET TYPES OF DISASTER, NOTED IN A AND
 C, ABOVE. THE KEY DECISION IMPLIED BY THIS DEFINITION IS
 WHETHER OR NOT TO DISTRIBUTE EMERGENCY FOOD AID TO PREVENT
 OR TREAT MALNUTRITION DUE TO AN IDENTIFIED CRISIS.

3. CONFERENCE AGENDA: THE CONFERENCE WILL FOCUS ON THE
 FOLLOWING ISSUES WHICH WILL BE THE TOPICS INCLUDED IN
 DRAFT CONFERENCE PAPERS CIRCULATED TO THE PARTICIPANTS IN
 LATE AUGUST 1988, SHORTLY BEFORE THE CONFERENCE (AND TO THE
 DISCUSSANTS OF THE PAPERS EARLIER THAN THAT).

- (A) EARLY WARNING: TIMELY WARNING AND PREPAREDNESS,
- (B) ASSESSMENTS: THE USE OF NUTRITIONAL AND SOCIO-
 ECONOMIC INFORMATION TO ASSESS THE NATURE AND EXTENT OF A
 DISASTER,
- (C) MONITORING AND EVALUATION: THE USE OF NUTRITIONAL
 AND SOCIO-ECONOMIC INFORMATION TO MONITOR THE PROGRESS AND
 ABATEMENT OF THE EMERGENCY, AND THE NUTRITIONAL STATUS OF
 THE AFFECTED POPULATION,
- (D) FOOD RATIONS: THE DEVELOPMENT OF NUTRITIONALLY
 ADEQUATE AND COST-EFFECTIVE RATIONS THAT ARE CULTURALLY
 ACCEPTABLE TO THE AFFECTED PEOPLE UNDER EXISTING CONDITIONS,
- (E) SUDDEN DISASTERS: SPECIFIC CONSIDERATION OF
 PREPARATIONS FOR, AND RESPONSE TO, EARTHQUAKES, FLOODS OR
 HURRICANES.
- (F) PHASING OUT: THE CRITERIA FOR DECISIONS TO
 TERMINATE EMERGENCY ACTIONS, AND TO BEGIN OR RESUME
 INTERVENTIONS TO AMELIORATE CHRONIC MALNUTRITION, AND
- (G) LOGISTICS: THE TRAINING, ORGANIZATIONAL,
 LOGISTICAL SUPPORT AND SUPERVISORY NEEDS OF PERSONNEL
 NATIONALS AND EXPATRIATES INVOLVED IN PROVIDING
 DISASTER RELIEF.

4. AUTHORS AND DISCUSSANTS: THE AUTHORS OF THE BACK-
 GROUND CONFERENCE PAPERS ARE RECOGNIZED INTERNATIONAL
 EXPERTS ON DISASTER RELIEF. ADDITIONAL COMMENTATORS AND
 DISCUSSANTS OF THESE PAPERS WILL BE SELECTED FROM AMONG
 THE NOMINATED CONFERENCE PARTICIPANTS. THE COMMENTATORS
 AND DISCUSSANTS WILL BE ASKED TO REVIEW THE PAPERS IN
 ADVANCE AND PREPARE COMMENTS ON THE CONTENT OF THE PAPERS
 BASED ON THEIR OWN EXPERIENCE. BOTH THE AUTHORS AND
 COMMENTATORS WILL MAKE SUMMARY PRESENTATIONS AT THE
 CONFERENCE PLENARY SESSIONS. THESE WILL BE FOLLOWED BY
 SMALLER WORKING GROUP SESSIONS THAT ARE INTENDED TO LEAD
 TOWARD PRACTICAL SOLUTIONS TO THE ISSUES RAISED. THERE
 WILL BE A CONFERENCE REPORT WHICH WILL INCLUDE CONCLUSIONS
 AND RECOMMENDATIONS ARISING FROM THE WORKING GROUPS AND
 PLENARY SESSIONS. THE U.N. SUBCOMMITTEE ON NUTRITION MAY
 PUBLISH THE REVISED PAPERS AS A GUIDANCE MANUAL FOR
 DISASTER WORKERS.

5. LANGUAGE: THE CONFERENCE WILL BE HELD IN ENGLISH, WITH
 SIMULTANEOUS TRANSLATION INTO FRENCH.

6. PARTICIPANTS: AID/W REQUESTS MISSION ASSISTANCE IN
 IDENTIFYING EXPERTS IN EACH COUNTRY WHO MAY CONTRIBUTE TO

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THE CONFERENCE AS ACTIVE PARTICIPANTS -- AND WHO COULD EFFECTIVELY APPLY WHAT THEY GAIN FROM THE CONFERENCE IN RESPONSIBLE WAYS UPON RETURN.

-- (A) DIRECT EXPERIENCE: CANDIDATES SHOULD HAVE DIRECT PERSONAL EXPERIENCE IN PLANNING OR CARRYING OUT FOOD ASSISTANCE PROGRAMS, ESPECIALLY THOSE RELATED TO DISASTERS OF ONE KIND OR ANOTHER.

-- (B) CONTINUITY: THEY SHOULD BE LIKELY TO CONTINUE IN THIS TYPE OF WORK OVER THE NEXT FEW YEARS.

-- (C) DECISION MAKERS: THEY SHOULD HOLD SENIOR OR UPPER MIDDLE LEVEL POSITIONS AND BE INFLUENTIAL IN CONNECTION WITH MAJOR RELEVANT DECISIONS MADE BY THEIR COUNTRIES OR ORGANIZATIONS.

-- (D) NATIONAL EXPERTS: THEY SHOULD BE HOST COUNTRY NATIONALS ASSOCIATED WITH LOCAL AGENCIES OR ORGANIZATIONS, OR WITH MULTI-LATERAL, BILATERAL AND NON-GOVERNMENTAL (NVO) AGENCIES OR ORGANIZATIONS.

7. PARTICIPANT FUNDING: AID/V HAS LIMITED FUNDING TO COVER THE TRAVEL AND PER DIEM COSTS OF NO MORE THAN TEN NOMINATED PARTICIPANTS WORLDWIDE. MISSIONS ARE URGED TO PROVIDE COMPLETE OR PARTIAL FUNDING FOR AT LEAST ONE OF THEIR IDENTIFIED CANDIDATES. IT IS ANTICIPATED THAT PRIVATE VOLUNTARY ORGANIZATIONS WOULD SUPPORT THE PARTICIPATION OF THEIR PERSONNEL. OTHER FUNDING MAY BE SOUGHT AMONG U.N. AGENCIES.

8. A.I.D. COORDINATION WITH U.N. AGENCIES: FYI: OTHER U.N. AGENCIES, SUCH AS THE WORLD HEALTH ORGANIZATION (WHO), THE PAN AMERICAN HEALTH ORGANIZATION (PAHO), UNICEF, THE U.N. HIGH COMMISSION ON REFUGEES (UNHCR), THE WORLD FOOD PROGRAM (WFP), AND OTHERS WILL BE SEEKING NOMINATIONS OF CANDIDATES IN-COUNTRY THROUGH THEIR AGENCY REPRESENTATIVES. THERE IS A POSSIBILITY THAT A.I.D. AND A U.N. AGENCY MAY WISH TO NOMINATE THE SAME, OR SIMILAR CANDIDATES. END FYI. AID/V REQUESTS MISSION TO CONSIDER COORDINATION WITH IN-COUNTRY U.N. ENTITIES, TO THE EXTENT PRACTICABLE.

9. ACTION REQUESTED: BY MAY 31, 1988, USAIDS ARE REQUESTED TO CABLE THE FOLLOWING INFORMATION ON EACH OF THE MISSION-NOMINATED CANDIDATE(S) (SLUGGED TO ST/W, NICK LUYNX):

-- (A) NAME: INDICATE THE NAME OF EACH INDIVIDUAL NOMINATED ACCORDING TO THE QUALIFICATIONS LISTED IN PARAGRAPH 6, ABOVE,

-- (B) TITLE: THE CANDIDATE'S DESIGNATION OR TITLE,

-- (C) EMPLOYER: THE NAME OF THE CANDIDATE'S EMPLOYING ORGANIZATION,

-- (D) ADDRESS: THE ADDRESS (AND TELEPHONE, IF POSSIBLE) WHERE THE CANDIDATE MAY BE CONTACTED DIRECTLY,

-- (E) SUMMARY OF EXPERIENCE: THE CANDIDATE'S EMPLOYMENT EXPERIENCE (RELEVANT TO THE CRITERIA INDICATED IN PARAGRAPH 6, ABOVE),

-- (F) ACTION ROLE: A BRIEF APPRAISAL OF THE CANDIDATE'S PRESENT AND POTENTIAL FUTURE ROLE IN THE FOOD AND NUTRITION ASPECTS OF DISASTER MANAGEMENT,

-- (G) RECOMMENDED ROLE AT CONFERENCE: A SPECIFIC

INDICATION OF WHETHER OR NOT THE NOMINATED CANDIDATE MIGHT SERVE AS A DISCUSSANT OF ONE OF THE CONFERENCE PRESENTATION PAPER TOPICS NOTED IN PARAGRAPH 3, ABOVE; OR TAKE SOME OTHER KIND OF ACTIVE ROLE IN THE CONFERENCE, AND

-- (H) FUNDING: THE AVAILABILITY OF MISSION FUNDING FOR ALL OR PART OF THE TRAVEL AND PER DIEM FOR THE INDIVIDUAL NOMINATED.

10. AID/V RESPONSE: AID/V WILL RESPOND BY MID-JUNE REGARDING PRELIMINARY ACCEPTANCE OF THE NOMINATED CANDIDATES, CONFIRMING EITHER THEIR FUNDING STATUS, OR INDICATING THAT A SEARCH FOR OTHER SUPPORT IS IN PROGRESS. SHULTZ

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APPENDIX 5

*DEVELOPING COUNTRY PARTICIPANTS SELECTED BY AUGUST 31, 1988
FOR THE SEPTEMBER 1988 CONFERENCE, AND SOURCES OF FUNDING.

<u>Name</u>	<u>Country</u>	<u>Source of Support</u>
1. Dr. Walter J. Santos(1)	Brazil	INPF
2. Mamdouh Gabr(1)	Egypt	INPF
3. Stephen Kinoti(1,2)	Kenya	INPF
4. Demissie Habte(2)	Ethiopia	INPF
5. Eduardo Kertesz(2)	Brazil	INPF
6. Mohamed Amr Hussein	Egypt	AID Mission
7. Fernando Monekeberg	Chile	INPF
8. Naceur Kamri	Tunisia	INPF
9. M.T. Aby Nyttu	Senegal	INPF
10. Alawia El Amin Mohamed Ahmed	Sudan	INPF
11. Lenin Orens	Costa Rica	INPF
12. Ianatias Tarwatjo	Indonesia	INPF
13. Wilma Freire	Ecuador	INPF
14. Lusamba Bikanda	Zaire	AID Mission
15. Edmundo Alvarez	Guatemala	AID Mission
16. Lynn Sheldon(3)	Honduras	AID Mission
17. Gladys Gilbert(3)	Ethiopia	AID Mission
18. M. Mispelaar(2)	Mozambique	INPF
19. Sall Allou	Mauritania	AID Mission
20. Tandia Bemba	Mauritania	AID Mission
21. Yahya Ould Mohammed El Weghp	Mauritania	AID Mission
22. Yaou Darey Garba	Niger	INPF
23. Incusse Barry	Burkina Faso	INPF
24. Mahamat Bachar Gadaya	Chad	INPF
25. Aristide Sagbohan	Benin	INPF
26. Dieudonne Coumans-Malo	CAR	INPF
27. Jean-Pierre D'Altilia	Mali	AEDES

From Washington

28. Norge Jerome	ST/N	AID/W
29. Nicolaas Luykx	ST/N	AID/W
30. Neen Alrutz	AFR/TR	AID/W
31. Hope Sukin	FFP	AID/W
32. Richard Hough	FFP	AID/W
33. C.O. Chichester	NutFound	NutFound
34. Jose Mora	LTS/INU	INPF
35. Virginia Yee	LTS/INU	INPF

Notes:

- *Participants funded by A.I.D. or INPF, or identified by Mission
(1) INPF Executive Committee Member
(2) Speaker/commentator
(3) Observer