

DISASTER PREVENTION AND EMERGENCY PLANNING

IN NORTH AMERICA

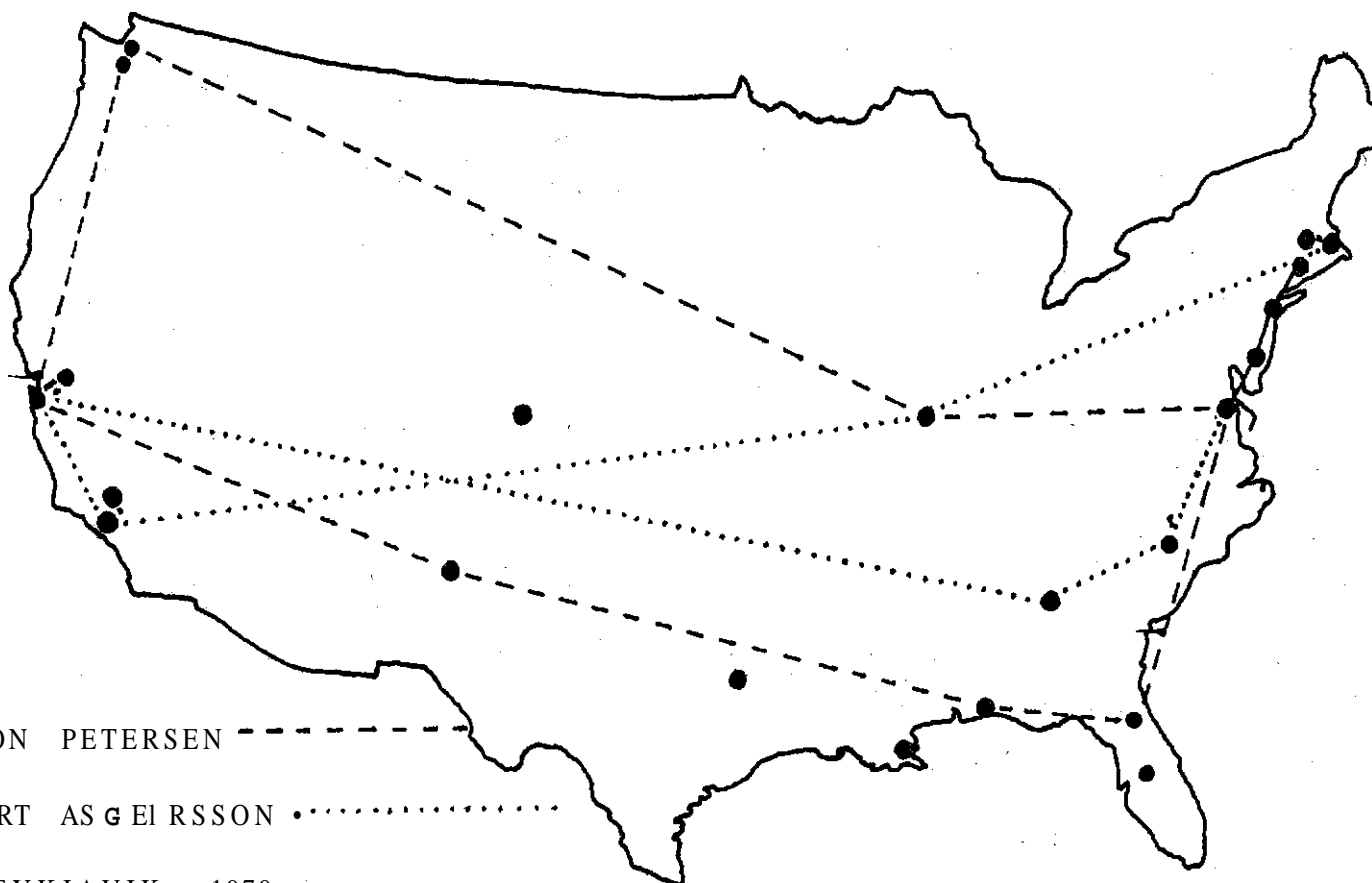
A REPORT ON A STUDY - VISIT IN MARCH - MAY 1978

FINANCED BY

THE INDEPENDENCE FOUNDATION

ORGANIZED BY

THE AMERICAN SCANDINAVIAN FOUNDATION



3 UDJON PETERSEN - - - - -

EGGERT ASGEIRSSON

REYKJAVIK 1979

The Independence Foundation,
Mr. Eobert A. Maes, President,
2500 Philadelphia National Bank Building,
Philadelphia, 19107 PA,
U.S.A.

This is the report of our study tour of the U.S.A. in March -
May 1978.

This tour was an important and inspiring experience for us
both professionally and personally. It was a great encouragement
for us to meet our counterparts in the U.S.A. and to see their
dedicated work on all. levels of government*, to meet the many
representatives of voluntary agencies; to see the extent of work
being performed by the American Red Cross and the Civil Defence,
separately and in cooperation.

It was very important for us to study the good working relations
between government, scientists and voluntary agencies and the
important role of volunteers in the U.S.A.

All this will, hopefully, influence our future work and cooperation

We want to thank the selection committee under the chairmanship
of dr. Johannes Nordal and the committee's able administrative
secretary Miss Ágdsta Johnson. Ágdsta put great effort in her
endeavour to make the tour a successful one.

We are grateful to the American Scandinavian Foundation,
especially to the director of the Exchange Division for having
undertaken on behalf of the Independence Foundation to plan the
tour and t© take eare of it's many details.

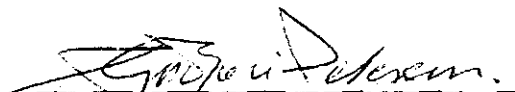
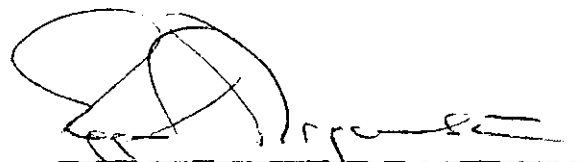
Also we are thankful to the hundreds of people that we met for their great hospitality and generosity, professionally and privately in homes as well as in offices. We appreciate their candid professional attitude and humanitarian spirit.

We want especially to thank you, Mr. Maes, to give us the opportunity to meet you in your office. We were impressed to hear you describe the goal of the Independence Foundation, to hear you explain the motivation for having this program for Iceland implemented. This meeting was very important for us.

The travel grant will influence our future work. It puts on our shoulders the obligation to try to achieve more in the future than we have been able to do in the past, for the benefit of our country and consequently for the rest of the world.

Please convey our sincere gratitude and appreciation to the Independence Foundation.

Yours sincerely


Guðjón Petersen
Eggert Ásgeirsson

The purpose of the study tour was stated in a letter to the Selection committee on June 3» 1977.

Of common interest to both participants was:

1. a. Disaster Preparedness Programs
b. Relief Operations
c. Administration in these fields.
2. a. Natural Disaster Response Planning.
b. Cooperation between scientists, civil administration and relief organisations.
3. a. The Role of the American Red Cross and other voluntary organisations.
b. The role of federal, state and local authorities and reciprocal aid in the fullfillment of their work.

Of special interest to G. Petersen was:

1. Public defence in nuclear warfare.
2. Civil Defence in international terrorism.
3. Civil Defence Communication and warning systems.

Of special interest to E. Asgeirsson was:

1. Administration and development of the American Red Cross.
2. Social development work.
3. Public Health Programs.
4. Leadership training and motivation.

2. Planning of the visit.

The planning of this tour for two participants with many and divided interests was a difficult task. In order to make it possible it was decided that the tour be divided into parts.

1. Prom March 1. to March 31« when G. Petersen was travelling alone. During this part of the tour he visited mostly disaster preparedness agencies on federal, state and local government level. Also many scientific institutions were visited.

2. Prom April 1. to April 19. when G, Petersen and E. Isgeirsson travelled together. During this time they visited many government agencies and voluntary organizations, especially the American Red Cross.

3« Prom April 20. to April 30. when G. Petersen attended a meeting according to special wish of the Government of Iceland.

4. From April 20. to May 31. when E. Isgeirsson was travelling alone and studied the work of the American Red Cross, especially disaster work, social development, it's cooperation with other agencies, private and voluntary as well as several government agencies active in disaster preparedness programs and disaster medicine. Then he met with prominent personalities in the field of public health and social psychology.

3. June. After the study tour followed a private tour through the Eastern states of the U.S.A. In this tour E. Ásgeirsson included visits to persons that he had previously established relations with.

Study visit.

Part 1.

Guðjón Petersen

NEW YORK

March 1st to March 5th.

American Scandinavian Foundation;

Meeting with Dolores Di Paola, Director, Exchange Division, on the planning of the tour.

Office of Civil Preparedness, New York.

Meeting with Deputy Director Lt. Robert A. Hogan. Lt. R.A, Hogan discussed the Civil Defence Preparedness in New York City, problems in emergency services in large urban areas, methods in sheltering people in case of emergency, and the administrative structure of civil defence in New York. Because of severe snow storm in the city, creating transport problems and difficulty in day, to day emergency services, the Co-ordination Center for the Civil Preparedness was in operation, and the operation was observed. In the discussion it was mentioned that shelters for New York City were not maintained as before and food and other material would not be stocked there in the future.

WASHINGTON D.C

March 6th to 17th.

Disaster Civil Preparedness Agency:

Meeting with Dr. James A. Ridgeway education advisor of the DCPA. Dr. J. Ridgeway was the planner of the visit at the DCPA and other organizations in the Washington DC area. Dr. J. Ridgeway oriented the visitor on the functioning of mass communication system, the Pentagon and the Civil Defence in the Washington DC area. He also discussed the new proposals of President Carter to change the federal administrative structure in the disaster prevention and preparedness services from dividing the responsibility between many loosely related agencies, into one centralized organization. The purpose is to make quicker and less complicated response of the Federal Government in crisis situations and disasters.

Dr. J. Ridgeway provided an office and telephone, for unlimited use during working hours throughout the visit in the Washington DC area, and assistance by one of his secretaries.

Meetings with McConnell, Assistant Director for Plans and Operations, Dr. Chipman Deputy Assistant Director for Plans, Wengrovitz, Yogel, Deputy Assistant for Operations and Derlin, State and Local Readiness Division. Discussed was further the general administrative structure of the Civil Defense in the U.S.A. and decentralization of authority. The benefit and difficulties of relocation of public in urban areas, in nuclear attack crises were discussed. Because of the coal strike, effecting power production, the planning of the DCPA of "Human needs" in blackouts came under discussion. The different methods of the Civil Defense in U.S.A. and U.S.S.E. in sheltering programs were discussed. Finally the monitoring network of Radiological Fallout throughout the United States was discussed.

Meetings with Bardyl R. Tirona, Director of The Defense Civil Preparedness Agency, M. Harding, DCPA General Counsel, McCampell Director, Support Systems Division, L.M. Higgins, Warnings and Communication and Sinnott, Electronics Engineer.

Federal and State law concerning the Civil Defense and other disaster organizations was discussed, and the development of such acts in the future. The independence of the states and the decentralization of authority makes administration and control of disaster management programs difficult.

The use of the HORAD military warning system for civil defense purposes was explained.

Communication both landline and radio were discussed and especially were discussed the A.M. communication station under development in Baltimore, Maryland, which is supposed to serve as a long distance warning system.

The Emergency Operation Centers were discussed, their standards, location and financing was an important matter in the discussions.

Meeting with Garrett, DCPA Social Science Research and Thomas, DCPA Public Information.

The liasion between scientists and public authorities in civil defense matters and contracts with scientific research institutions and many cooperative research projects where several Governmental Organizations are involved is very important in the development of their federal program.

Public information and warning through radio and television was explained.

VISIT TO THE DCPA ALTERNATIVE WASHING AND COMMUNICATION CENTER IN REGION 2 IN VIRGINIA.

The Warning and Communication Center was introduced by John E. Bex, Director and Hugh Laine, Public Information Officer.

THE ANNUAL FEDERAL CIVIL DEFENSE COUNCIL CONPERENCE.

This conference was attended for it's two days session, at the Sheraton Hotel in Washington. A variety of very important topics was introduced by many prominent speakers and subsequent discussions were most useful for the visitor as well as the chance to meet those people.

NATIONAL SCIENCE FOUNDATION.

In a meeting with Dr. William Anderson the role of the National Science Foundation was discussed and research project it has undertaken within the field of geological hazards. Especially interesting was the field of earthquake prediction with it's social and economical consequences.

FEDERAL AVIATION ADMINISTRATION.

Meeting with Cameron, Chief of International Aviation Section, who explained safety rules and plans for mass casualty accident in air traffic as was hijacking and international terrorism and methods to avoid such events.

DISASTER CIVIL PREPAREDNESS AGENCY.

Meeting with Fred Minton Medical Services Liasion Officer of the DCPA. The preplanning for and handling of mass casualty accidents connected with major disasters in urban areas was the subject at the meeting. The planning of patients triarge, rescue management, ambulance traffic flow, and preplanning of hospitals in emergency medicin is an important part of the work of the Agency.

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA).

Mr. Loraii A. Wearer, Emergency coordinator of the National Oceanic and Atmespheric Administration set up a meeting with the heads of the various departments. In the meeting various subjects were discussed. The NOAA is operating the Weather and Hurricane warning centers. The major subject interesting for Ieeland were the discussion concerning management of fishery fleets and utilization of Ocean as a food resources in Nuclear War.

U.S. PUBLIC HEALTH SERVICE.

Meeting with Gracy, Emergency Coordinator and Dr. Fred Ritsman, Associate Administrator. In the meeting the role of the Public Health Service in disasters was discussed and regulations including authority to enforce coordinated action of private and public hospitals and other divisions of the medical services to prepare disasters.

March 18th to 19th.

The weekend was used to visit family people in Orange Park near Jacsonville in Florida, and to travel to Eglin Air Force Base.

March 20th to 21st.

EGLIN AIR FORCE BASE, FLORIDA.

The visit was escorted by Lt. Martens the Public Relation Officer of the Eglin Air Force Base, and under the leadership of Col. Philip Prince, Chief of 39th Rescue and Recovery Wing. On Eglin the officers of the 39th wing gave a lecture on organization and responsibility of the rescue squadron. Equipment and material used in rescue missions were demonstrated and a rescue operation exercies held for the visitor. Eglin Air Force Base is the largest air base in the world, and a primary test base for the U.S. Air Force. Finally the Weather Test Laboratory for new aircraft under development was demonstrated

March 22nd.

KLRTLAND AIR FORCE BASE, NEW MEXICO.

The visit was escorted by Lt. Richard Murill®. The training facilities of eembat Rescue Recovery Wings were shown as well as the emergency medical and pharamedic technicians training. Because of the interest of the visitor the officers at Kirtland AFB arranged a meeting with Rick Goodman 2nd Vice President, National Association for Search and Rescue. In the meeting the voluntary search and rescue activities were discussed. In these áiscusscions it was shown that problems arising because of competition between various voluntary rescue groups have to be solved by a centralized administrative committee, or another kind of coordination.

March 23rd to 27th.

SACRAMENTO, CALIFORNIA.

Meetings with Will H. Perry, Director, Office of Emergency Services, Contra Costa County, Robert A . Olson, Executive Director, California Seismic Safety Commission, Richard A. Buck, Seismic Safety Commission, Tousson R. Toppozada Seismologist, California Division of Mines and Geology and Roger Pulley, California Office of Emergency Services.

During discussions with these officials earthquake hazards was the primary subject. In the Seismic Safety Commission earthquake research programs, hazards evaluation, need of land use zoning and land use policy was discussed. Geological technique used for earthquake predictions and sociological effects of such predictons is an important part of their studies. The general role and aim of the Seismic Safety Evaluation Board was discussed.

At the California Division of Mines and Geology the overall programs were presented.

In the California Office of Emergency Services Mr. Eoger Pulley introduced the State Emergency Operation Center. During the meeting the visitor happened to see a real earthquake received on the California earthquake indication map, connected to all seismographs in the State. After having visited a modern mobile E.O.S. with all facilities, radio equipment and power supplies was demonstrated.

STOCKTON.

Meeting with Bert Poschlier, Project Development, State of California Department of Transportation and Thomas J. Burns.

The whole meeting and discussion was airborne in a small single engine aircraft in order to observe a program and snow contouring of the maintaining regions.

MASTINEZ CAL.

The weekend 25th and 26th of March was spent at the home of Mr. & Mrs. Will H. Perry, Director of the Contra Costa County Emergency Services. Mr. Perry is a close friend and a long time collaborator when he was a United Nations consultant for the Icelandic Government in disaster preplanning. Mrs. Hulda Perry is a former co-worker of the Icelandic Coast Guard and Civil Defence. The generous hospitality of Mr, and Mrs. Perry was shown in these days, taking the visitor several trips around the beautiful countryside in the Bay area.

SAN FRANSISCO AND BERKLEY.

Meeting with Edward P. Joyce, Director Office of Emergency Services, San Fransisco. In the meeting the potential danger of destructive earthquake in the Bay area was discussed and preplanning to meet the disaster. The discussions focused on the social structure and the different living habits of the inhabitants of the various communities in the Bay area and it's influence on the disaster plan, totally changing it from one time to another, which conduct more or less the consequences of future earthquakes depending on the time of the day and the day of the week the earthquakes probably occur. Transportation problems, necessary and unnecessary "public flow" are among the main problems in disaster response because of the location of the City, the fact that relatively few people are living there,

but it is mainly business activity that multiplies the population through working hours, A newly published report of "Earthquake consequences on the Bay Area" was carefully discussed. After the meeting a sight-seeing tour was taken through the City to show weakness in building constructions and special constructions built by high earthquake standards. Finally the Emergency Operation Center of the City of San Fransisco was observed.

Meeting with Dr. Robert Uhrhammer, Seismographic Station University of California at Berkley. The discussions were continuation of previous discussions with scientists in Sacramento on Geological hazards reduction plans.

March 28.-29.

SEATTLE AND TACOMA IN WASHINGTON.

Meetings with David Frank, Dr. Mark Meier, U.S. Geological Survey Tacoma and Prof. Steve Malone, University of Washington Seattle. These meetings were to observe the monitoring of Mt. Baker, one of the volcanoes in the Cascade Mountains, but Mt. Baker has indicated increasing activity in recent years.

March 30.

SCOTT AIR FORCE BASE, ILLINOIS.

Study visit escorted by Major J. Shipman ARRS/CCE. The Air lift ambulance system of the Air Force and the centralized Rescue Command Center was on the program. This Rescue Command Center is for the whole country and is responsible for the rescue activity on air and land. Before there were two centers but it was found out that one is better.

Study visit

Part 2.

Eggert Ásgeirsson and Guðjón Petersen.

Washington D.C. April 1,-15«

American Soandinavian.Foundation. Meeting with Ms. Dolores Di Paola, Director, Exchange Division, on the planning of the tour.

National Science Foundation. Meeting with dr. George Baker, Program Manager, Problem-Focused Research Applications. Discussion on the role of sociologists and anthropologists in disaster situations. Dr. Baker headed the Disaster Research Group 1951-63. Dr. Baker mentioned several interesting books on the subject but considers that not enough interest is shown on the after-effects of disaster on man as opposed to the generous interest shown on physical after-effects of disasters. A most interesting work on this subject is carried out by the Natural Hazards Research and Application Information Center under the leadership of dr. Gilbert F. White, professor, University of Colorado.

U.S. Geological Survey. Discussions with Mr, John A. Reinemund, Chief, Office of International Geology, mr. Alfred H. Chidester, Chief, Branch of latin American and African Geology, Dr. Robert M. Hamilton, Chief of Earthquake studies, Mr. Donald R. Nichols, Chief, Earth Sciences Application Program, Dr. Robert A. Matthews, Deputy Hazards Information Coordinator, Dr. Robert I. Tilling, Chief Office of Geochemistry and Geophysics and Dr. Richard S. Williams, Jr., Eros Program. Discussions on the cooperation between the Geological Survey and other similar institutions around the world as relates to Disaster preparedness and surveillance programs. Also an important aspect is the relations between scientists and public officials. The USGS is responsible for an earthquake prediction program. The monitoring system of volcanoes was described. Dr. Williams has studied the geology of Iceland and has through the Eros program written several articles on the geology of Iceland. He stated that the Landstat net could be of help in forecasting geological phenomena of various kinds.

Department of State, Preparedness Division (AID). The foreign disaster aid program was discussed with Mr. William Dalton, Chief of the Division and his coworkers. They described the activities of the State Department in this field and it's cooperation with the American Red Cross. Report on the Heimaey volcanic eruption in 1973 was presented.

American Red Cross. Meetings with President George M. Elsey, Eloise Waite, Vice President, Dorothy B. Taffe, Director of International Services, Robert Martin, Assistant Director, William Philips, National Liaison Officer, Patricia Bachman, Nursing Program Operation Director, Jean Durr, Disaster Nurse, Mary Ann Griswold, Program Development, Nursing, Maynard Hamilton, Communication Center, Michael Lenagan, Chief, Youth Section, Bryce Torrance, Director, Disaster Services, Robert Vessey, Deputy Dir., Disaster Services, David Eby, Asst. Dir. Family Services, Kathleen Curry, Asst. Dir. Training Section, Disaster Services and Milford Pink, Communication Specialist, Disaster Services. Subjects discussed were: International Relations, cooperation with the legislature, government agencies and other voluntary organizations and agreements with such agencies. Nursing and the role of training, health education, communications, youth programs, leadership training was thoroughly discussed. In disaster services the American Red Cross has an ever increasing responsibility and consequently better planning is necessary. The various courses in disaster services were explained. The relief operations are based on a step by step training program. 80% of the expenditures is assistance to families in the first phase of operations before state and federal agencies are able to take over. To secure equality assistance is based on interviews and thorough assessment of needs. Chapters are responsible for casework but must adhere to the ARC Manual. The Red Cross responsibility is stipulated in an Act of Congress in 1906. Other voluntary organizations do not have that status, but a good liaison between the ARC and other organizations is strengthened by many agreements and contracts.

American Red Cross Audiovisual Center in Virginia.

Meeting with George E. Marino, Birector of the Center and Michael P. Smith, Asst. Producer. The Director and the staff explained this important training media that is growing to an ever increasing importance in training programs and dissemination of knowledge, not the least within the International Red Cross.

Federal Disaster Assistance Agency.

Meeting with Ugo Morelli, Earthquake Mitigation, Jack McGraw, Director, Office of Preparedness, Roy Newsome, Special Assistant to Administration and Edward Sergent. Introduction on the administration of the FDAA, its responsibility, financing and organization. The coordination of the activities of other federal disaster relief agencies. Of special interest to the guests were policy making efforts in frban planning, hazard zoning and building codes.

Federal Preparedness Agency, General Services.

Meeting with Fred Ackerson, International Affairs Officer, Leonard L. Reese, Chief, Controlled Conflicts, Preparedness Division and John Noeita, Planning Group Supervisor. Thorough briefing on the history of civil preparedness 'in the warfare disaster mobilisation and preplanning for the sustaining of government, protection of the public and relocation plans were discussed.

Icelandic Embassy.

Meeting with Sverrir Gunnlaugsson counsellor of the Embassy with discussions on disaster problems in ocean shipping. Also a meeting with Valgeir Ársælsson of the World Bank.

Center for Building Technology, National Bureau of Siaandards.

Meeting with dr. Charles Culver, Disaster research Coordinator and dr. Emili Simiu, Structural Research Engineer on the development of building standards as relates to disaster hazards.

Disaster Civil Preparedness Agency (DCPA).

Meeting with dr. James M. Ridgway, Education Adviser.

The Salvation Army, National Public Affairs Office.

Meeting with Lieut. Col. Ernest A. Miller on the disaster services of the organization and cooperation between the many voluntary organizations active in time of disaster.

American Public Health Association of which E. Asgeirsson is a member. Meeting with dr. William H. McBeath, Executive Director, dr. Susi Kessler and Seiko Baba Broadbeck, Associate Executive Directors on the work of the association, membership in Iceland, disaster medical services and ambulance services.

Baptist 7/orld Alliance.

Meeting with dr. C Ronald Goulding, Director of Relief and Development. The work of the alliance was explained. It is a world wide organization that exclusively gives aid through the members. They are extremely careful when using governmental agencies and government associated organizations as a channel for help.

Philadelphia. April 13.

American Friends Service Committee.

Meetings with Stephen Thiermenn, Co-Secretary International Division, Harry Miller, Assistant Coordinator for Middle East Programs, Corinn Johnson, Latin Americaa Programs, Eva Mysliwiec, Delegate to Mali and David Sogge, Africa Program. This is an organization founded 1917 by Quakers in the U.S.A. to provide conscientious objectors with an opportunity to serve in relief programs. Today it is an organization politically active to serve the cause of peace, often a most controversial standpoint. To cite examples: Opposition to the entanglement of the U.S.A. in Viet Nam and now the Palestinian and South African situations. Development is underway around the world, frequently in cooperation with others, i.a. World Council of Churches and Palestinian Red Crescent.

Independence Foundation.

Meeting with the president and chairman of the foundation, Mr. Robert A. Maes. The Independence Foundation is the sponsor of this study tour. In 1932 Mr. Dormer of Philadelphia founded the Dormer Foundation (later renamed the Independence Foundation) in memory of his son, a victim of cancer, in order to sponsor cancer research. The initial investment kept increasing in value. Mr. Maes was elected to the board of trustees of the foundation as an investment banking specialist. He is now it's chairman and president "by virtue of having outlived practically everybody else", as he said at our meeting. In 1945 the foundation felt that so many were interested in cancer research that more funds were available than good research scientists. The foundation decided to finance the development of secondary education. After Mr. Maes visited Iceland in 1971 it was decided to start a programme for Icelandic leaders. So far 29 groups consisting of 48 individuals have participated in this programme. The American Scandinavian Foundation has undertaken to organize the visits and assist the participants. The Independence Foundation pays all costs involved. Mr. Maes had high hope of this programme and expressed his wish to continue as long as he was convinced that this was a useful programme for the development of Iceland.

New York City April 13.-19.

U.S.Coast Guard.

Visit to Governors Island to the headquarters of the Coast Guard Atlantic Area and 3rd. District and meetings with Vice-Admiral William Rea, Lt. William Pickum and Comm. Billy G. Cunningham. This was followed by a visit to the Rescue Coordination Center, Training School, International Ice Patrol Center, Automated Mutual Vessel Emergency_Rescue (AMVER) - and other facilities.

CARE Inc.

Meeting with Donald Sanders of the Overseas Operations. Discussions of the structure, organization and work of CARE. This is an organization founded in the wake of the World War by various organizations to administrate disaster relief.

Lutheran World Relief.

Meeting with Dr. Confer, Executive Director and his staff on the international relief services of the organization.

Catholic Relief Services, U.S.Catholic Conference.

Discussions on administration and planning of relief work.

Salvation Army.

Meeting with Brigadier Paul Seiler and staff on training and planning of local and international relief. This was followed by a visit to the Salvation Army rehabilitation programme and hostel for alcoholics an Bowery.

Emergency Medical Services.

This was a night visit to the EMS programme for New York City. First there was a meeting Duty Chief Anthony D. Martino followed by a visit to an emergency hospital, inspection of ambulances and discussions with staff. This is a recently organized service aimed at giving better and quicker service. Since this service was started the calls are 18\$ fewer than before due to training and other organizational measures taken. A visit to the night shift and the opportunity to follow the ambulances on their run was a most interesting experience.

Church World Service; National Council of Churches.

Meeting with Robert G. White who is preparing for delegate work in the Caribbean and H. D. Swarzendruber, Director of Central American, Mexican and Caribbean affairs.

New Canaan, Connecticut. April 15.-16.

A weekend was reserved for home hospitality. It turned out to be a most interesting visit where we could discuss disaster work with our host Warren Russell, head of the Junior High School, as he is the chairman of the Red Cross branch disaster committee. Mrs. Marilyn Russell is a chairman of the American Field Service program and Debbie Schwab informed us about the organization of ambulance services in the county.

Study visit.

Part 3.

Guðjón Petersen.

April 20.-30«

WASHINGTON DC.

Meetings at the Department of State with the NATO Planning conference for Ocean shipping.

Because of the importance of navigating for the isolated island of Iceland the Independence Foundation agreed to the wish of the Icelandic Government to have the visitor attending the conference. Discussions were strictly NATO matters in war time and international crisis situations.

Study visit.

Part 4.

Eggert Ásgeirsson.

Charlotte, North Carolina, April 19.-23.

Carolinas Division of the American Red Cross.

G-reater Carolinas Chapter, American Red Cross.

This visit was very well planned by a host committee of four that not only arranged for an introduction into the work of the division and chapter but also included other things of interest in Charlotte.

The visit started with a general staff meeting where the guest was welcomed and where he gave a description of the Icelandic Red Cross work and Iceland in general.

Management of Division and Chapter. Meeting with Ed Gully, manager on the administration and organization of the chapter and division. Also a meeting with Jack Gallagher, first vice chairman of the chapter, Bruce Rinehart, second vice chairman, Wally Jorgenson, former chairman of the chapter and now a member of the Board of Governors of the American Red Cross. Then John Forehand director of the Personell Department described the work of the department.

Carolinas Division. A meeting with Stu Taber, Assistant Division Manager, on the management activities and management courses given in the American Red Cross. The ration volunteers/ staff is 1/100 in first aid work and 73/1 in other service programmes.

Greater Carolina Chapter. A meeting with Virginia Bowser, Assistant Chapter Manager on the work of the Chapter and especially the fund raising activities and the cooperation with United Way.

After that followed meetings with the various service departments: Disaster and safety; responsibility, methods and relationship with public authorities: Dennis Johnson Division Director of Disaster services and Tom Bojanowski. Blood Program; a visit to a high school for a blood donation program.

Safety Program; Joe Manley, chairman of the Safety Commission, Tom Mollett Director and Elizabeth Tilley, Assistant Director, on the various safety courses and programmes. Nursing; Marylin Self, Director. Public Relations; Jane Lesser, Director, Volunteers Program; Sadie Byerly, Chairman of Volunteers, Peg Vender Veer, Assistant Chairman of Volunteers and Sue Courtney, Director, office of Volunteers. Service to Military Families and Veterans; Betty Long, Director, Youth Service Programs; Linda Jones, Director. General Services; Anna Cashwell, Director.

Discussion focused on disaster service, casework, damage assessment and especially the extensive use of volunteers in disaster programs. A basic policy of the division is to have more volunteers in order to make the Red Cross work grow. An extensive work is performed by volunteers in other programs, volunteer nurses in' community health courses, blood program, health education etc. To direct the volunteers service is a chairman of volunteers and director in the office of volunteers. In order to perform the duties of the Red Cross, there is a need for 235 new volunteers yearly. They are recruited in civic groups, clubs and churches. All volunteers are interviewed thoroughly in order to find out skills, probl[^]p.s :vzz. interests. Then they are placed according to their ability. The number of male volunteers has increased. Also handicapped volunteers are used. In the office they are used as receptionists, clerks, in telephone service, to sort mail, filing and making coffee. An important feature is the register, pins for service and securing the possibility for the interested to advance in the service. A great difficulty is that many of the older volunteers do not trust the youth, although they have proved their ability in most programs. Youth work has been developed through liason with schools.

Recycling Program. This is an important environmental programme in -many schools as well as for the public in general.

Goodwill Industries. This is a programme to develop skills and to help to place handicapped in industry. This is both an independent and self-supporting organization.

WSOC Television Station. An interview on the news programme and a meeting with the president Jack Callaghan.

The visit to Charlotte was a memorable one. It was well planned and the hospitality was overwhelming.

Atlanta, Georgia, April 23.-25.

Salvation Army.

A meeting and a community programme with Major Jack Waters, Community Relations and Development Secretary and his assistant David Hansen. In extensive introduction into the disaster work of the Army as well as community services programmes.

National Field Office of the American Red Cross.

Meetings with Thomas Irving, Manager, Ralph Barlow, Director on Disaster Preparedness and Relief, Jere Nichols, Director of the Office of Financial Development, The discussions centered around long range planning and management. If a disaster happens in the area the Red Cross has the possibility of pulling in people from all other areas. About 10 of the staff can whenever needed be sent to a disaster area. In a hurricane warning it is possible to send vans and disaster workers (1000 staff plus 5000 volunteers). In the American Red Cross the number of staff is about 2000 and in Chapters about 6000 people. United Way and various means of fund raising were discussed. In fund raising the general principle is that planning is done by staff and the fund raising itself by volunteers.

Metropolitan Atlanta Chapter of the American Red Cross.

Georgia Regional Office of the American Red Cross.

Meeting with George Ferguson, division and chapter manager on the management and long range planning of the office, June Middleton, Assistant Dir. of Disaster Services and Randy Lewis disaster consultant and first aid chairman on disaster preparedness planning, administration and coordination as well as a liaison and cooperation with government and voluntary agencies. The day before Lewis had been called to the scene

of a disaster comprising 8 families. He saw to it that they had somewhere to stay, assisted them in finding out what other agencies might do for them and told them how to keep in touch with the EC. Next day he made an assessment of the needs and this will be continued and the family affairs taken over by some other staff in order to give financial assistance if needed.

Carol Rittenhouse, director of nursing and health programs explained various courses and the role of the RC as an advocate of the victim. Caroline Friesner, Chairman of volunteers and Teresa Caver, director, office of volunteers gave a summary on the recruitment techniques used in the volunteer service. In the work it is important to keep the volunteers happy in their work, to have them registered and have good supervision. It is equally important to transfer them to the kind of work that they are best fit to do. Men work mostly as volunteers in safety programs, water safety programs, blood transport, patient transport etc Chet Somerville guided a tour of the blood center and blood laboratory.

Icelandic Consul.

Meeting with M.K. Horowitz, Consul of Iceland and his son.

San Francisco, Cal., April 25.-27.

American Red Cross, National Field Office, Burlingame.

Meetings with Erwin Oberschmidt, Manager, Janet Boyer, Chairman of Volunteers, Robert H. Lucey, Deputy Manager, John Bardy, Manager, Service to Armed Forces, H. Dale Jacobs, Manager, Service to Divisions and Chapters, Arthur E. Kross, Director Disaster Services, Marion McConnell, National Blood Program Consultant, Patric Guibao, Assistant Director, Office of Financial Development, and others.

A short lecture was given to a meeting of the field office staff.

The role of volunteers in the work of the ARC was discussed extensively, and so were the methods used to strengthen that role. Chapter and division chairmen of volunteers are now a part of the management team. No position in the organization can be filled without having been announced to all the staff, including volunteers. The role of volunteers has been strengthened by an increased number of courses in all aspects of voluntary work. With increased skills of the leaders in interviewing technique it is now possible to place almost all volunteers in some work important for them and the Red Cross.

The role of the National Field Office in strengthening the performance of divisions and chapters was discussed. Every division of the ARC has to be reviewed every three years. Staff now includes volunteers. Their role in the development of the society is also reviewed and the "kidglove" approach to the volunteers has now disappeared.

Fundraising, financing and long range planning of the society was explained. Fundraising is always done one year ahead in order to eliminate the danger of deficit. All property of the ARC is owned by the National Red Cross, which is the only legal person within the organization, although chapters are de facto owners of property.

Annual Meeting.

The Golden Gate Chapter of the ARC (the S.F. chapter).

Address to the Annual Meeting. The topic was international Red Cross work.

Sacramento, April 28.

State Office of Emergency Services.

Meeting with Alex Cunningham, Director, Albert E. Lockhart, Chief of Fiscal Administration, H. Roger Pulley, Coordinator of Earthquake Programs, Michael Browne, Information Officer.

The **role of** the **office** and **it's** different **divisions**, cooperation **between state»** federal **and** voluntary organizations was discussed*
The human aspects **of** tsunami waves caused by earthquakes and **the** San Fernando earthquake was also an interesting topic of **the** discussion. Various communications equipment was demonstrated.

American Red Cross. Sacramento Area Chapter.

Meeting with James McColm, Manager and Arthur E. Kross, Director, Disaster Services.

California State Seismic Safety Commission.

Meeting with Robert A. Olson, Executive Director. The Seismic Safety Commission was created by the California Legislature to strengthen earthquake safety by improving public policy related to reducing hazard and lessening the effects of earthquakes, with a **wide** range of responsibilities. These include setting **of** long range goals and priorities, recommending changes in existing programs and reviewing reconstruction efforts, helping to coordinate the seismic safety activities on all levels of government. The commission advises the governor of the state and the legislature. The Commission has **17** members, **15** appointed by the Governor and 2 members of the State Senate. The members represent a wide range of earthquake related diciplines providing a multidiciplinary approach to solving problems of seismic safety. This includes a representative of the Red Cross. The Commission is supposed to be completely independent in it's work. It is not operational or regulatory. State agencies are not represented in the commission for reasons explained,

Martinez, Cal., April 29.

Meeting with Will Perry, Director of Emergency Services, Icelandic disaster plans were discussed. Mr? Perry was an U.N. consultant on disaster services to the Government. He helped organize the existing civil defence plans for the country. Also discussed was the earthquake mitigation course that Perry has been planning for scientists and officials in Iceland with **the** help of leading California mitigation specialists.

Albany, Cal., April 50.

Meeting **with** Allan Black, agronomist of the International Engineering Cö. Inc., **on** methods being perfected in California **on multible use** of geothermal energy in agriculture, horticulture **and other** biological production. Mr. Black has frequently **been here in** Iceland and is interested in applying here the methods being developed in the U.S. in this field.

San Francisco Cal., May 1.-5.

American Red Cross, Golden Gate Chapter.

Meetings with Susan James, Director, Office of Volunteers, Bob Vainowski, Director, Public Affairs, Juliet Gilbride, Director, Community Health and Nursing, Florrie Tureoni, Director, Safety Services, Florence Holcombe, Assistant Director of Youth Services, Ann Morsehead, Chairman of Volunteers, Norma Hansen, Chairman, International Relations,- Frank Waters, Assistant Manager, Eustaeie Ramirez-Molina, Mission Service Center Coordinator, John Thomas, Assistant Disaster Director, Tony Morales, Disaster Chairman, Pete Ashen, Disaster Director and Jim Williams, Manager of the Chapter.

The Mission Neighborhood Service Center for **Spanish** speaking minorities was demonstrated as was the youth program of Chinatown. The chapter has extensive safety programs such as teaching skills in mountaineering. Most of the Safety program staff are volunteers. The Cardiopulmonary Resuscitation (**CPR**) program has proved to be a great success and no adverse effects have been recorded. The American Red Cross has got a grant from the federal government to teach CPR to as many as possible. It is considered essential that as many as possible learn the skills as a delay of more than three minutes in administering aid can cause death. A law on the rights of rescue volunteers has been passed by the California legislature, the so called Good Samaritans Act. On the nursing voluntary team there are doctors, emergency medical technicians and laymen in clerical and organizational work. The Red Cross offers first aid teams to all outdoor events that attract more than 500 people. A great emphasis is on training all Red Cross workers so that the organization can perform better work in a uniform way.

An important part of the work of the chapter is a training program for leaders, volunteers and paid staff, the same applies to both. The basis is the National Instructors Training Program,

The chapter has an important role in disaster programs of SP City* It is en a 24 hour callout in disasters, both large and small scale.

Consul of Iceland.

Meeting with Donald H, Stoneson, Honorary Consul of Iceland on cooperation between California and Iceland in the use of geothermal resources and other relevent issues.

Emergency Medical Services,

A short visit to the Emergency Service Central, the Eire Alarm and the Poison Control Center.

Los Angeles Airport_May 5.-5»

Conference on Human Aspects of Flash Floods.

This conference was organized by the State of -California Office of Emergency Services, the National Weather Service and the U.S. Corps of Engineers. The main subject discussed were: warning systems, social responce in disaster, awareness and preparedness to respond and community planning. Also a meeting with Arthur E. Kross, Director of Red Cross Disaster Services and Ron Elliott, Assistant Director of the Los Angeles Chapter of the ARC on disaster services, Disaster Services in Southern California.

Institute of Behavioral Science.

The renowned scientist dr. Gilbert White of the University of Colorado, was a keynote speaker of the Conference. He is a leader in research concerning human aspects of disaster preparedness and the influence of disaster on society. He is critical of the disaster preparedness work as it seemed to be more system oriented than victim oriented. In his speech he mentioned especially the danger that scientists might develop programs into fields wheare they have research capability and interest rather than where the community needs them most.

A meeting with dr. White was most rewarding.

Los Angeles May 5.-14.

Southern California Division of the American Red Cross and Los Angeles Chapter ARC.

Meetings with Don Squires, Volunteer Disaster Consultant, Dr. Robert E. Kelly, Chairman Youth Services, Wally Craig, Director, Youth Services, Thomas A. Gill, Assistant Manager, Southern California Division ARC, Sue Kelley, Div. Chairman of Volunteers, John Stroud and Ward Millar, Assistant Managers, Los Angeles Chapter, Marie Fuess, Director, Nursing and Health, Mary Ahern, Assistant Director Nursing and Health, Thomas A. Gill planned the visit to LA and was a most hospitable and knowledgeable supervisor of the visit that gave a very good picture of the work of the Red Cross in a big city and the small chapters of the more sparsely populated parts of the division.

Los Angeles Paramedic Rescue Ambulance System.

Meeting with John Green Paramedic Rescue Coordinator, Los Angeles Fire Department and Ralph Flanagan, Director of Safety Services, Los Angeles Chapter ARC on the ambulance service and rescue system of the City. Tour of the training facilities.

Fire Station 61, Rescue 61.

Meeting with Fred Hutardo, Paramedic II, James Goldsworthy, paramedic, Marty Martinat, Captain. Tour of the facilities and a ride on the night shift of the ambulance service.

Cedars Sinai Hospital Emergency Department.

A short visit and discussions with the staff.

Presbyterian Hospital.

A visit to the trauma unit and the emergency department.

Orange County, May 9.

Orange County Red Cross.

General meeting and discussions with staff and volunteers. Meetings with George Chitty, Executive Director, Dave Thome, Director, Disaster, Nursing and Health.

Red Cross Health Maintenance Center,

Visit and meeting with staff and executive board.

Orange County Disaster Center.

Meeting with Ben R. Colemarino, Emergency Services Program Coordinator.

Pasadena, Cal. May 10.-11.Paramedic Ambulance Division, Pasadena Fire Department.

Meeting with Thomas A. Pox, Chief M.I.C.U. Paramedic and James H. Shern Assistant Director of Disaster Emergency Services on the emergency services and tour of the facilities.

Jet Propulsion Laboratory.

Meeting with dr. Louis Serrano, Professor.

Pasadena Chapter, American Red Cross.

Attended a meeting of directors and chairmen of volunteers in Southern California and met Ruth Linville, Director of Volunteers ARC, Field Office in Burlingame.

Meetings with Jack French, Executive Director, Gary Puller, Director, Disaster Services, Joshua Potter, Assistant Director, Disaster Services, and Herberg Hoover III, former chairman of the chapter and now member of the Board of Governors of the American Red Cross.

Discussed was the work of the chapter, the cooperation between chapters and the division, and the area organization and the national organization.

Santa Monica, May. 10.Santa Monica Chapter ARC.

A meeting with Roy Corvan, Executive Director.

St. Louis, Missouri, May 14.-18.

American Red.Cross, National Field Office.

Meetings with Elizabeth Wingert, Consultant, International Service, James R. Hiekey, NFO Manager, Dick Kimble, Deputy Manager, Gene Nunley, Director, Disaster Service, Grace Eassette, Liason Officer, Disaster Service, Lee Stilwell, Assistant Manager, Service to Divisions and Chapters, Rene Corcoran, Assistant Director, Financial Development, Dennis Jawson, Manager, Service to Divisions and Chapters, Dorotfey Goebelt, Service to Military Families, Elisabeth Munkres, Director, Office of Volunteers, Helen Grandeolas, Director, Office of Personell, Sheldon Thomas, volunteer, International Services and former U.S. **Charge** d'affairs in Iceland.

The problems of the Red Cross in rural communities and in the big cities were discussed. The Red Cross is now implementing a plan to bring the services of the Red Cross to the smallest communities, in order to get better participation in community development with more voluntary involvement.

The area which the St. Louis NFO is responsible for reaches all the way from the Canadian border to the Gulf of Mexico and is the most disaster prone area in the U.S. The local chapters are responsible for the disaster service. If they can not handle a certain disaster the NFO sends their staff to assist.

Many chapters have become very efficient in handling small scale disasters with volunteers, but they have to do a lot of planning and training to become efficient. The division and chapter review plan was discussed. This is a scheme to help chapters and divisions of the Red Cross to analyse their performance. Fund raising activities were thoroughly diseussed, as an integral part of the general activities of the Red Cross, especially when disasters occur.

Work to strenghten the relations between volunteers and **RC** staff was discussed, as was the operational management courses of the **ARC**. The ARC has established a fund for the development of junior staff and another to develop operational skills of it's upper level's staff. Ambulance services have been criticized in St. Louis. The status of ambulance services was discussed.

American Red Cross, Bi-state Division and Chapter,

Meetings with: Marvin Teeter, Manager, Loni Winter, Director of Volunteers, Fred Maechling, Consultant, Safety and Disaster Services, Bill Bell, Director, Financial Development, Marvin Bruno, Director, Safety and Disaster Services, Rex Davis, . Chairman, Bi-state Chapter, Zella Harrington, Director of Nursing, Nancy Y. Moore, Director, Service to Military Families and Edwin S. Fryer, Chairman, Disaster Committee. The Volunteer programme, training and recruitment methods were discussed. The volunteer program of the Field Office and the Chapter in St. Louis was interesting and will be reported separately. The fund raising development of the chapter was interesting as the director of financial development has a wide range of experience as a fund raising expert for United Way.

Scott Air Force Base, Illinois, May 16.

Meetings with Lt. Col. Laird Hansen, Wing Commander Col. Hubert Diamond, Wing Surgeon Col. D. Spoor M.D., Lt. Col. Archie, Capt. Lonsdale, Lt. Morger, and Lt. Kamhoot.

A visit to the Patient Airlift Center, Aeromedical Airlift Center, Aerospace Rescue and Recovery Service and the Rescue Coordination Center. The various activities were visited and studied.

Civil Air Patrol is an interesting service staffed by volunteer pilots to find lost planes. Improved methods have resulted in decreased hours flown in search despite the fact that air crashes have increased.

American Red Cross Field Office. Service to military families.

Meeting with Bill Day, Deputy Field Director and Carol Williams, Chairman of Volunteers. The work of the American Red Cross to serve military families and veterans is a very important task of the organization. The society maintains this service without government subsidies. But the mounting cost is making this service very difficult.

Boston, Massachusetts, May 18.-19.

McBer and Co.

Meetings with Dr. John McClelland, Professor of Harvard University and Dr. George O. Klemp jr., Director of Research. Educational methods were discussed, and the pitfalls of modern conventional education. Currently education puts more effort into conveying knowledge than methods on how to use that knowledge. It is becoming more evident that modern educational systems are failing to produce skills that the society needs. McBer & Co. is established to put dr. McClelland's findings into practical use. The company is a consultant for a number of corporations and official agencies to reevaluate their programs and find new ways to produce better results, such as teaching teachers and pupils to set goals and how to reach them, say in 12 day, 1 month and six months. It is evident that many organizations have failed in their work as the staff did not know how to reach the necessary goals. Recently the company has been planning a degree in administration for the American Management Association that will be ready in six months and started in 1980 at the Baruch College in New York. Then the company is reevaluating educational programs in a number of cities that have been in trouble with their educational systems. Then -there has been an effort in the field of health services such as in alcoholic programs and social work.

Hartford, Connecticut, May 20.-24.

American Red Cross Convention.

Meetings on the subjects: Safety services; The graying of America, it's implication for the Red Cross; Development of manpower resources, Disaster preparedness, delivery of services and training, Private agencies, Public funding and Planning in the Red Cross. Of special interest was the discussion on the need for manpower, the importance of having good involvement on behalf of volunteers and carrier staff. The Red Cross must have worthwhile programs as manpower will go to those who do the most for them intellectually and personally. It has, in order to reach it's goal to be the best in the field if it wants to do superior and attractive work.

The planning for disaster work was discussed as well as the importance and need for training courses etc. Of primary importance is goalsetting, statement of purpose, insurance of availability of resources such as trained and well equipped personell. Cincinnati was cited as an example of good planning, long range planning is a very important element in the develppment, it must involve all staff on all levels. Red Cross chapters must ensure the assistance of specialists in the field of planning. One person must be nominated on all levels of Red Cross work to be responsible for long range planning.

Meetings with Huntington Harris, Deputy National Chairman og Volunteers (who had studied social sciences in Iceland in 1937), Cynthia O. Wedell, National Chairman of Volunteers, and a great number of American Red Cross personalities, some of whom personal relationship had been establisched with previously on the study tour.

A meeting was with Red Cross leaders from Hawaii, John Henry Felix, former chairman of the Hawaii State Red Cross Chapter and member of the Board of Governors of the American Red Cross, Warren K. Luke, Chairman Hawaii Red Cross State Chapter, Jerry Coron, Manager Pacific Division ARC on disaster preparedness, and Red Cross Services in volcanic active areas.

A meeting with William Wilcox and Roy Newsome of the Federal Disaster Preparedness Agency, Harb Ayers of the Yakima Valley Chapter ARC.

A meeting with Enso Bighinatti, Under-Secretary General, Robert M. Pierpont, former Under-Secretary General, League of Red Cross Societies, on disaster preparedness and services in Iceland.

A meeting with representatives of the Canadian Red Cross: Justice James Wilson, president, and Henri Tellier, National Commissioner, William B. Carr, Secretary General Trinidad-Tobago Red Cross.

Meetings with Justice J.A. Adefarasin, President of the League of Red Cross Societies, and the Nigerian Red Cross.

The Srater Harford Chapter of the American Red Cross.
A visit to the headquarters.

Connecticut Regional Blood Center, ARC and the Milford Hospital
Emergency Department, a visit and a meeting with dr. Allan Brandt
on paramedic and ambulance services,

New York City, May 24.-30.

American Scandinavian Foundation.

A meeting with Dolores Di Paola, Director, Exchange Division.

Office of Civil Preparedness.

A meeting with Peter Sarcus and a tour of the emergency
services system.

American Red Cross in Greater New York and
The Harriman Metropolitan Division of the American Red Cross.
Meetings with Robert J. Shea, Manager, Barnet M. Deutch,
Senior Volunteer, Fund Consultant, Harold R. Bassett, Chairman
of Volunteers and disaster consultant, Elly Robins, volunteer,
Office of Public Relations Service, Bernard Grandjany, Assistant
Director Disaster Services, Jean Tucker, Disaster Casework
Supervisor on disaster service, fund raising and the general
administration of the Red Cross in New York.

Haarlem Red Cross Service Center.

A meeting with Lucille Young, Administrative Secretary.

Bronx Red Cross Service Center.

A meeting with Mary Fugate, Director.

Washington D.C., May 31.

American Red Cross, National Headquarters.

A meeting of section directors. Addressed the meeting and told
about the impression of the American Red Cross after this long
tour of the country.

Meetings with: George M. Elsey, President, Betty Olsen, Director, Personell training and development, Becky Fey, Assistant to the Vice President on planning, James Thomas, Corporate Officer, Plaaning Assistant, Cynthia O. Wedell, National Chairman of Volunteers, Given Marsfield, Assistant Director, Program Development, Youth Services, Linda Mathes, Program Specialist, Youth Services, Dorotlay B. Taffe, Director International Services, Robert Martin, Assistant Director, International Services.

The main topic was personell training, development of voluntary work, corporate planning, long range development, international work and youth services.

Part 5.

Eggert Ásgeirsson.

Washington D.C., June 2.

National Institute of Health.

Meeting with dr. John B. Dunbar, Director, Blood Program.

Boone, North Carolina, June 10.

Watauga County Chapter.

Meeting with Eve Green, Manager, Madge Rhyne, James R. Hicks, and Charles Clement, members of the Board of Directors. The topic was the work of the Red Cross in a sparsely populated, mountaneous rural area.

Charlotte, South Carolina, June 11.-15.

Carolinas Division and Greater Carolinas Chapter, American Red Cross.

The Red Cross in Charlotte was revisited and a meeting with Wally Jorgenson, member of the Board of Governors, American Red Cross, Ed Gully, Manager, John Forehand, Director of Personell and their coworkers.

Bradenton, Florida, June 14.-19.

A family visit and stay with Robert M. Pierpont, former Under-Secretary General, League of Red Cross Societies. A thorough discussion on disaster Services. Later David Sch. Thorsteinsson past President of the Icelandic Red Cross joined in the discussion.