HUMAN RESOURCES

No. 194

SUPERVISORY TRAINING SPECIALIST (SEMINAR)

（監督者訓練専門家セミナー）

1. PERIOD

From May 7, 1987 to July 2, 1987 (2 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Fifteen (15)

3. QUALIFICATIONS

1) University graduate or equivalent

2) Specialist concerned with planning and conducting the supervisory training in a government organization or a public corporation

3) Between 30 and 45 years of age

4) Good working knowledge of English

4. DESCRIPTION OF TRAINING

1) Lecture and Discussion
   - Outline of Human Resources Development
   - Supervisory Training

2) Observation Tour

3) Country reports presentation

5. FACILITIES AND INSTITUTIONS

1) Hachioji International Training Centre, JICA

2) Humon Resources Development Bureau, Ministry of Labour

6. REMARKS

No. 195

MANAGEMENT OF VOCATIONAL TRAINING FACILITIES (SEMINAR)

（職業訓練管理者セミナー）

1. PERIOD

From August 6, 1987 to October 2, 1987 (2 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Ten (10)

3. QUALIFICATIONS

1) Presently engaged in management of a vocational training institution and be expected to work in the same field in future

2) Between 30 and 50 years of age

3) Good working knowledge of English

4. DESCRIPTION OF TRAINING

1) Lecture and Discussion
   - Human Resources Development in the field of Vocational Training
   - Management and Administration of Vocational Training Institution and Facilities

2) Country reports presentation

3) Observation Tour

5. FACILITIES AND INSTITUTIONS

1) Hachioji International Training Centre, JICA

2) Human Resources Development Buarau, Ministry of Labour.

6. REMARKS

No. 196

HUMAN RESOURCES DEVELOPMENT ADMINISTRATION (SEMINAR)

（職業能力開発セミナー）

1. PERIOD

From February 11, 1988 to March 23, 1988 (1.5 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Fifteen (15)

3. QUALIFICATIONS

1) A director of the department in a central office or equivalents, presently engaged in the vocational training administration

2) Between 35 and 50 years of age

3) Good working knowledge of English

4. DESCRIPTION OF TRAINING

1) Lecture & Discussion
   - Administration of Human Resources Development
   - Planning of Human Resources Development
   - Introduction of Grade Skill Verification
   - Training and Employment

2) Observation Tour

3) Country Reports Presentation

5. FACILITIES AND INSTITUTIONS

1) Hachioji International Training Centre, JICA

2) Human Resources Development Buarau, Ministry of Labour

6. REMARKS

197–1

VOCATIONAL TRAINING STAFF (ELECTRICAL ENGINEERING)

（職業訓練スタッフ〔電気工学〕）

1. PERIOD

April 9, 1987 to March 28, 1988 (12 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Ten (10)

3. QUALIFICATIONS

1) Be university graduates with three (3) years or senior high school graduates with (10) years of occupational experience in this field

2) Between 25 and 40 years of age

3) Good working knowledge of English

4. DESCRIPTION OF TRAINING

1) Lecture on Specialized Subject
   - Theory of Electrical Machinery
   - Designing Electrical Machinery
   - Illumination Engineering
   - Power Electronics and Control of Servomotors
   - Introduction to Computer Programming
   - Electrical Measurement
   - Electrical Power Engineering
   - General Concept of Automatic Control
   - Design of Wiring Works
   - Electrical Wiring Construction

2) Practical Training

3) Factory Observation and Field Trip

5. FACILITIES AND INSTITUTION

1) Hachioji International Training Centre, JICA

2) The Institute of Vocational Training, Ministry of Labour

6. REMARKS

There will be an intensive Japanese Language Course (3 months, 300 hours), conducted prior to the technical training.

197-2

VOCATIONAL TRAINING STAFF (MECHANICAL ENGINEERING)

（職業訓練スタッフ（機械工学））

1. PERIOD

April 9, 1987 to March 28, 1988 (12 month)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Eight (8)

3. QUALIFICATIONS

1) Be university graduates with three (3) years or senior high school graduates with (10) years of occupational experience in this field

2) Between 25 and 35 years of age

3) Good knowledge of English

4. DESCRIPTION OF TRAINING

1) Lecture on Specialized Subject
   - Energy Beam Processing
   - Machining Technology
   - Machine Tools
   - Electrical Machining
   - NC Machining
   - Mechanical Design
   - Precision Measurement
   - Heat Treatment
   - Numerical Control Equipment
   - Abrasive Machining
   - Control Engineering

2) Practical Training

3) Factory Observation and Field Trip

5. FACILITIES AND INSTITUTION

1) Hachioji International Training Centre, JICA

2) The Institute of Vocational Training, Ministry of Labour

6. REMARKS

There will be an intensive Japanese Language Course (3 months, 300 hours), conducted prior to the technical training.

197–3

VOCATIONAL TRAINING STAFF (WOODEN ARTICLE ENGINEERING)

（職業訓練スタッフ〔木材加工工学〕）

1. PERIOD

April 9, 1987 to March 28, 1988 (12 month)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Six (6)

3. QUALIFICATIONS

1) Be university graduates with three (3) years or senior high school graduates with (10) years of occupational experience in this field

2) Between 25 and 40 years of age

3) Good working knowledge of English

4. DESCRIPTION OF TRAINING

1) Lecture on Specialized Subject
   – Materials for Woodworking Gluing and Plywood
   – Design, Drawing and Furniture Construction
   – Woodworking System in Production

2) Practical Training

3) Factory Observation and Field Trip

5. FACILITIES AND INSTITUTION

1) Hachioji International Training Centre, JICA

2) The Institute of Vocational Training, Ministry of Labour

6. REMARKS

There will be an intensive Japanese Language Course (3 months, 300 hours), conducted prior to the technical training.

197-4

VOCATIONAL TRAINING STAFF (AUTOMOTIVE ENGINEERING)

（職業訓練スタッフ（自動車工学））

1. PERIOD

April 9, 1987 to March 28, 1988 (12 month)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Six (6)

3. QUALIFICATIONS

1) Be university graduates with three (3) years or senior high school graduates with (10) years of occupational experience in this field.

2) Between 25 and 40 years of age

3) Good working knowledge of English

4. DESCRIPTION OF TRAINING

1) Lecture on Specialized Subject
   - Internal Combustion Engines
   - Automotive Engineering
   - Automotive Air Conditioning
   - Automotive Mechanism

2) Practical Training

3) Factory Observation and Field Trip

5. FACILITIES AND INSTITUTION

1) Hachioji International Training Centre, JICA

2) The Institute of Vocational Training, Ministry of Labour

6. REMARKS

There will be an intensive Japanese Language Course (3 months, 300 hours), conducted prior to the technical training.

197-5

VOCATIONAL TRAINING STAFF (PLASTIC WORKING AND WELDING ENGINEERING) （職業訓練スタッフ〔塑性加工学・溶接工学〕）

1. PERIOD

April 9, 1987 to March 28, 1988 (12 month)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Eight (8)

3. QUALIFICATIONS

1) Be university graduates with three (3) years or senior high school graduates with (10) years of occupational experience in this field

2) Between 25 and 40 years of age

3) Good working knowledge of English

4. DESCRIPTION OF TRAINING

1) Lecture on Specialized Subject
   - Metals and Alloys
   - Strength of Materials
   - Press Working
   - Plastic Working Machines
   - Press Dies
   - Casting
   - Technical Drawing for Sheet Metal Work
   - Automatic and Resistance Welding
   - Welding Metallurgy
   - Welding Procedure
   - Manual Arc Welding

2) Practical Training

3) Factory Observation and Field Trip

5. FACILITIES AND INSTITUTION

1) Hachioji International Training Centre, JICA

2) The Institute of Vocational Training, Ministry of Labour

6. REMARKS

There will be an intensive Japanese Language Course (3 months, 300 hours), conducted prior to the technical training.

197-6

VOCATIONAL TRAINING STAFF (ARCHITECTURE)

（職業訓練スタッフ（建築工学））

1. PERIOD

April 9, 1987 to March 28, 1988 (12 month)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Six (6)

3. QUALIFICATIONS

1) Be university graduates with three (3) years or senior high school graduates with (10) years of occupational experience in this field

2) Between 25 and 40 years of age

3) Good working knowledge of English

4. DESCRIPTION OF TRAINING

1) Lecture on Specialized Subject
   - History of Architecture
   - Building Legislation
   - Indoor Environmental Engineering
   - Building Materials
   - Reinforced Concrete Engineering
   - Building Equipment
   - Wooden Construction Methods
   - Architectural Presentation Techniques
   - Building Construction and Management
   - Building Construction

2) Practical Training

3) Factory Observation and Field Trip

5. FACILITIES AND INSTITUTION

1) Hachioji International Training Centre, JICA

2) The Institute of Vocational Training, Ministry of Labour

6. REMARKS

There will be an intensive Japanese Language Course (3 months, 300 hours), conducted prior to the technical training.

197-7

VOCATIONAL TRAINING STAFF (ELECTRONIC ENGINEERING)

（職業訓練スタッフ（電子工学））

1. PERIOD

April 9, 1987 to March 28, 1988 (12 month)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Six (6)

3. QUALIFICATIONS

1) Be university graduates with three (3) years or senior high school graduates with (10) years of occupational experience in this field

2) Between 25 and 40 years of age

3) Good working knowledge of English

4. DESCRIPTION OF TRAINING

1) Lecture on Specialized Subject
   - TV Engineering
   - Semiconductor IC Technology
   - Electronic Computer
   - Electronic Components
   - Electronic Circuits
   - Information and Telecommunications
   - Electronic Measurements
   - Automatic Control
   - Digital Electronic Circuits
   - Radiowave propagation and Antennas

2) Practical Training

3) Factory Observation and Field Trip

5. FACILITIES AND INSTITUTION

1) Hachioji International Training Centre, JICA

2) The Institute of Vocational Training, Ministry of Labour

6. REMARKS

There will be an intensive Japanese Language Course (3 months, 300 hours), conducted prior to the technical training.

No. 198

HIGHLY SKILLED MACHINIST （機械工作技術）

1. PERIOD

April 2, 1987 to March 14, 1988 (12 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Ten (10)

3. QUALIFICATIONS

1) High school, technical or trade school graduates or equivalent

2) Occupational experience in machine tools operation for a period of more than three years

3) Under 35 years of age

4) Good working knowledge of English

4. DESCRIPTION OF TRAINING

The following major subjects will be covered in the course

1) Lectures on Specialized Subjects
   - Production Engineering
   - Machine Tool Operation
   - Applied Mechanics
   - Mechanical Measurement
   - Mechanical Design & Drawing
   - *Fundamental Concept of Computor*

2) Practice
   - Basic Practice
   - Applied Practice
   - In-plant Training

3) *Observation*

5. FACILITIES AND INSTITUTIONS

1) *Higashi-Yodogawa Advanced Vocational Training Centre, Osaka Prefectural Government*

2) Osaka International Training Centre, JICA

6. REMARKS

No. 199

HIGH TECHNOLOGY RESEARCH COURSE

（職業訓練大学校研究課程）

1. PERIOD

From July 9, 1987 to February 29, 1988 (8 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Automotive Engineering (2) Welding Engineering (2) Electrical Engineering (1)

3. QUALIFICATIONS

1) Presently engaged in an engineering field at university, college, institute, vocation training centre or enterprise as a professor, engineer.

2) Graduates from the faculty of engineering at a university or the graduate school

3) At least, 5 years for Bachelor degree holder, 3 years for Master degre holder of occupational experience in the field

4) Good working knowledge of English

4. DESCRIPTION OF TRAINING

1) SPECIALIZED TRAINING

(1) Automotive Engineering
- Performance Test of Internal Combustion Engine
- Performance Test of Electric and Electronic System

(2) Welding Engineering
- Theory and Experiment on Nondestructive inspection
- Propagation of Ultra Sonic Wave in the austenite stainless steel

(3) Electrical Engineering
- Electro-magnetic Field Analysis of Electrical Machines by finite element boundary element method

2) OBSERVATION AND STUDY TOURS

3) PEPORT MAKING

5. FACILITIES AND INSTITUTIONS

1) Hachioji International Training Centre, JICA

2) The Institute of Vocational Training (IVT), Ministry of Labour

6. REMARKS

There will be an intensive Japanese (language course, conducted prior to the technical training (2-months, 200 hours).

No. 200

HIGHLY SKILLED DIE AND MOLD MAKING TECHNOLOGIST

（金型工作技術）

1. PERIOD

April 2, 1987 to March 14, 1988 (12 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Six (6)

3. QUALIFICATIONS

1) Technical high school graduates or equivalent technical qualifications

2) beginners in designing and making of press die and injection mold and expected to be engaged in this field in the future

3) Occupational experience of more than 5 years in vertical milling work and surface grinding work

4) Under 35 years of age

5) Good working knowledge of English

4. DESCRIPTION OF TRAINING

The following major subjects will be covered in the course

1. General Orientation

2. Japanese Language

3. Lecture
   - Design, Drawing and Manufacturing of Mold
   - Design, Drawing and Manufacturing of Die
   - Heat Treatment
   - Basic Concept of NC Machine Tool
   - Plastic Material
   - Automatic Programming Work
   - Wire Cut EDM Work
   - NC Lathe Work
   - Machining Center

4. Observation and Study Tours

5. FACILITIES AND INSTITUTIONS

1) Kyoto Skill Development Centre, Employment Promotion Corporation

2) Other related private institutions

3) Osaka International Training Centre, JICA

6. REMARKS

As Japanese language is used in the practical work, 300 hours are allocated for the intensive Japanese language course.

No. 201

AUDIO VISUAL TECHNOLOGY (General) (視聴覚技術(一般))

1. PERIOD

November 5, 1987 to May 3, 1988 (6 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Ten (10)

3. QUALIFICATIONS

1) University graduates or equivalent and presently being engaged directly or indirectly in producing of AV media or being expected to take part in this job in the near future,

2) Expected to get a leading position in this field in future,

3) Under thirtyfive (35) years of age,

4) Have a sufficient command of spoken and written English.

4. DESCRIPTION OF TRAINING

1) Basic AV Technology
   - Theory
   - Practice

2) AV Media Production
   - Teaching Materials
   - Image
   - Video

3) Others
   - General Orientation
   - Japanese Language
   - Study Tour
   - Finalization

5. FACILITIES AND INSTITUTIONS

Okinawa International Center (OIC), JICA

6. REMARKS

No. 202

AUDIO VISUAL TECHNOLOGY
(for Non-formal education) (視聴覚技術（専修））

1. PERIOD

June 25, 1987 to December 25, 1987 (6 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Ten (10)

3. QUALIFICATIONS

1) University graduates or equivalent,

2) Presently be engaging in production and utilization of AV media for nonformal education, such as agricultural sector, industrial/manufacturing sector, communication sector, public health sector, education and information sector, cultural sector, and other sectors.

3) Expected to get a leading position in this field in future,

4) Under thirty-five (35) years of age,

5) Have a sufficient command of spoken and written English.

4. DESCRIPTION OF TRAINING

1) Basic AV Technology
   - Theory
   - Practice

2) AV Media Production
   - Graphic arts
   - Photography
   - Slide
   - Video

3) Others
   - General Orientation
   - Japanese Language
   - Study Tour
   - Finalization

5. FACILITIES AND INSTITUTIONS

Okinawa International Centre (OIC), JICA

6. REMARKS

SCIENCE AND CULTURE

No. 203

REMOTE SENSING TECHNOLOGY (リモート・センシング技術)

1. PERIOD

April 6, 1987 to June 13, 1987 (2.5 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Ten (10)

3. QUALIFICATIONS

- University graduates having fundamental knowledge on remote sensing technology and computer
- Researchers in remote sensing application fields, such as country planning, agriculture, forest management and mapping
- Preferably under forty-five (45) years of age
- Having a sufficient command of spoken and written English

4. DESCRIPTION OF TRAINING

1) Lectures
   - Remote sensing Activities in Japan
   - Basic Principles of Remote Sensing Data Processing
   - Microwave Imaging
   - Sensor & Platforms
   - Japanese Landsat Ground Station
   - Remote Sensing System and Ground Truth
   - 3D Representation & Measurement
   - Image Enhancement
   - General Flow and Types of Image Processing
   - Hardware System and Software System
   - Data Processing of Meteorological Satellite
   - Application to Agriculture
   - Application of Satellite Remote Sensing to Forestry
   - Nationwide Geothermal Resources Survey Using Remote Sensing
   - Digital National Land Information
   - Brief Description of Multispectral Image Processing
   - Remote Sensing Data Processing System of RESTEC

2) Workshop
   - Analog Processing
   - Personal Computer Processing
   - Micro Computer System and Programming
   - Geometric Correction
   - Digital Processing

3) Ground Truth Investigation

4) Report Making

5) Observation tours

5. FACILITIES AND INSTITUTIONS

Remote Sensing Technology Centre of Japan (RESTEC)

6. REMARKS

No. 204

MEDICAL AND BIOLOGICAL APPLICATION OF RADIATION AND RADIOISOTOPES (Nuclear Medicine) (アイソトープ・放射線の医学・生物学利用)

1. PERIOD

September 28, 1987 to November 9, 1987 (1.5 month)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Eleven (11)

3. QUALIFICATIONS

1) Licensed physicians authorized by their governments
2) Have occupational experience of more than several years in nuclear medicine
3) Under 45 years of age
4) Good working knowledge of English

4. DESCRIPTION OF TRAINING

1) Lectures
   Nuclear medicine introduction, Data processing, In vitro test, Radio-pharmaceuticals
   In Vivo nuclear medicine, Ultra sound, NMR CT, Position CT, etc.
2) Clinical training
   Mainly in vivo imaging
3) Observation trips

5. FACILITIES AND INSTITUTIONS

National Institute of Radiological Sciences
Nagasaki University
Kyoto University
Kanazawa University
Gunma University
Tokyo Women's Medical College

6. REMARKS

No. 205

BIOTECHNOLOGY (研究開発技術)

1. PERIOD

February 8, 1988 to February 5, 1989 (12 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Eight (8)

3. QUALIFICATIONS

1) University graduates or equivalent with occupational experience of more than three years
2) Presently engaged in research work in biotechnology
3) Under forty (40) years of age
4) A sufficient command of spoken and written English

4. DESCRIPTION OF TRAINING

1) Intensive Japanese Language Course
2) Group Training
   a. Lectures including fundamental knowledge and the latest information
   b. Practice of Computer Technique and Treatment of radio-isotope (RI)
   c. Study and Observation Tour
3) Individual Training
   Each participant belongs to one of RIKEN's 8 laboratories according to his/her theme

5. FACILITIES AND INSTITUTIONS

1) Tokyo International Centre of JICA (TIC)
2) The Institute of Physical and Chemical Research (RIKEN)

6. REMARKS

MEDICAL TREATMENT

No. 206

TUBERCULOSIS CONTROL (結核対策)

1. PERIOD

June 22, 1987 to October 12, 1987 (4 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Twenty (20)

3. QUALIFICATIONS

1) Medical officers who are engaged in the national tuberculosis control programme, preferably having, or going to have, a leading role in the programme, excluding those who are engaged in pure clinical work

2) A sufficient command of spoken and written English

3) Between 26 and 45 years of age

4. DESCRIPTION OF TRAINING

1) Lectures and practical training
- Statistics
- Epidemiology
- General concept of tuberculosis
- Basic science of tuberculosis
- Preventive measures in the tuberculosis control
- Diagnostic measures in the tuberculosis control
- Curative measures in the tuberculosis control
- Tuberculosis control programme
- Epidemiology and control ofleprosy
- WHO and its role in the tuberculosis control and research
- Role of voluntary organizations and activities in the tuberculosis control programme
- Primary Health Care

2) Observation tours

5. FACILITIES AND INSTITUTIONS

The Research Institute of Tuberculosis, Japan Anti-Tuberculosisi Association(JATA)

6. REMARKS

No. 207

TUBERCULOSIS CONTROL for Administrative Medical officers (結核対策指導者)

1. PERIOD

May 7, 1987 to June 22, 1987 (1.5 month)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Ten (10)

3. QUALIFICATIONS

1) Medical officers who are or are planned to be, in charge of tuberculosis control programme of a certain administrative level

2) A sufficient command of spoken and written English

4. DESCRIPTION OF TRAINING

1) Lectures, seminars, group discussions and workshops:
   - Recent advances in TB control
   - Progress and problems in the participants' TB programmes
   - Simulation of TB epidemiology
   - Evaluation of TB programmes

2) Observation tours

5. FACILITIES AND INSTITUTIONS

The Research Institute of Tuberculosis, Japan Anti-Tuberculosis Association (JATA)

6. REMARKS

No. 208

LABORATORY WORKS FOR TUBERCULOSIS CONTROL (結核対策細菌技術)

1. PERIOD

September 28, 1987 to February 15, 1988 (4.5 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Five (5)

3. QUALIFICATIONS

1) Either one of the following three items
   a) Qualified technicians experienced over two years of laboratory works in bacteriology
   b) Doctors with over one year of experience in laboratory works in bacteriology
   c) Senior technicians with over five years of experience in laboratory works in tuberculosis bacteriology

2) Engaged in the training of health personnel in laboratory works for tuberculosis control, or those who will be engaged in that after returning from the training course

3) Good working knowledge of English

4. DESCRIPTION OF TRAINING

1) Lectures and practical training
   - Tuberculosis control programme
   - Role of laboratory works in tuberculosis control programme
   - Accuracy control of laboratory examinations
   - Laboratory data control
   - Present status and problems in the laboratory works in tuberculosis control programmes of participants' countries
   - Essential experiences as a leading bacteriologist on laboratory techniques and methods for tuberculosis control
   - Maintenance and manipulation of microscope and other laboratory equipments
   - Principles of planning and establishment of bacteriological laboratories at various conditions
   - Principles of training method of laboratory techniques
   - Modern techniques useful for bacteriological laboratories for tuberculosis control
   - Visits to laboratories and institutions
   - Organization of laboratory services

2) Observation tours

5. FACILITIES AND INSTITUTIONS

The Research Institute of Tuberculosis, Japan Anti-Tuerculosis Association (JATA)

6. REMARKS

Japanese Language Course is arranged for three weeks.

No. 209

CLINICAL ONCOLOGY (がん対策)

1. PERIOD

August 13, 1987 to December 14, 1987 (4 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Ten (10)

3. QUALIFICATIONS

1) Licenced physicians with occupational experience of more than 2 years in diagnosis and treatment of cancer

2) Under 35 years of age

3) Engaged in the same field after return to the country

4) Good working knowledge of English

4. DESCRIPTION OF TRAINING

1) Lectures and practical training
   - Outline of cancer control in Japan
   - Fundamental research on cancer
   - Clinical Pathology
   - Biochemistry and immunology
   - Endocrinology
   - Chemotherapy
   - Diagnosis and treatment of cancer

2) Observation tours

5. FACILITIES AND INSTITUTIONS

National Cancer Center

6. REMARKS

No. 210

EARLY GASTRIC CANCER DETECTION AND RELATED GASTROINTESTINAL TRACT DISEASES (早期胃ガン診断)

1. PERIOD

January 7, 1988 to March 6, 1988 (2.5 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Sixteen (16)

3. QUALIFICATIONS

1) Graduates of a medical college or the medical department of a university

2) Practically experienced for more than 7 years, majoring in the diagnosis cancer, gastritis, ulcer and polyp of stomach and its adjacent region in the field of X-ray, endoscopy, biopsy, pathology or surgery

3) Under 45 years of age

4) Good working knowledge of English

4. DESCRIPTION OF TRAINING

1) Lectures and practical training
   - General radiology
   - Endoscopy
   - Histopathology
   - Chemotherapy
   - Echography
   - Diagnosis of cancer of the liver
   - Diagnosis of cancer of the pancreas, gallbladder and case studies

2) Observation tours

5. FACILITIES AND INSTITUTIONS

Medical Association for Early Gastric Cancer Detection

6. REMARKS

No. 211

MICROBIAL DISEASES STUDY (微生物病研究)

1. PERIOD

April 2, 1987 to March 15, 1988 (12 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Six (6)

3. QUALIFICATIONS

1) College or University graduates or have the equivalent knowledge
2) Under 35 years of age
3) Good working knowledge of English

4. DESCRIPTION OF TRAINING

1) Lectures and discussions
   - Bacteriology
   - Immunochmistry
   - Parasitology
   - Pathorogy
   - Microbial Genetics
   - Other related subjects
2) Observation and study tours

5. FACILITIES AND INSTITUTIONS

Research Institute for Microbial Diseases, Osaka University

6. REMARKS

No. 212

MEDICAL RADIOGRAPHY (医療放射線技術)

1. PERIOD

November 16, 1987 to June 11, 1988 (7 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Seven (7)

3. QUALIFICATIONS

1) Senior high school graduates or the equivalent
2) Radiographers (radiological technologists)in radiography at medical organitations
3) Occupational experience of more than 2 years in radiography at medical organizations
4) Under 35 years of age
5) Good working knowledge of English

4. DESCRIPTION OF TRAINING

The following major subjects will be covered in the course

1) Orientation
2) Japanese language
3) Fundamental theories in radiography
   —Radiation physics
   —Photographic chemistry
   —Medical xray engineering
   —Radiation control & radiation measurement
   —Radiography technique
   —Radiation picture
   —Computer
   —Radiation diagnosis
4) Clinical practice on radiography
5) Practice at a private factory
6) Observations

5. FACILITIES AND INSTITUTIONS

1) College of Biomedical Technology, Osaka University
2) Osaka University Hospital

6. REMARKS

No. 213

NATIONAL HEALTH ADMINISTRATION (SEMINAR)

（衛生行政セミナー）

1. PERIOD

From April 2, 1987 to May 1, 1987 (1 month)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Fourteen (14)

3. QUALIFICATIONS

1) Medically qualified directors of top ranking administrators of the national givernment in charge of health administration, or the equivalents in public institutions

2) In a position to participate in planning and deciding the national health administration policy

3) Good working knowledge of English

4. DESCRIPTION OF TRAINING

1) Lecture & Discussion
   - Health policy & Planning
   - Health Resources Development Management
   - Community Health
   - Infectious Diseases Control
   - Environmental Health & Hygienes
   - International Collaboration

2) Observation Tours

5. FACILITIES AND INSTITUTION

1) Hachioji International Training Centre, JICA

2) Ministry of Health and Welfare

3) International Medical Foundation of Japan

No. 214

IMPORT AND EXPORT FOOD INSPECTION (輸出入食品検査技術)

1. PERIOD

August 27, 1987 to December 8, 1987 (3.5 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Six (6)

3. QUALIFICATIONS

1) University graduates or equivalent with occupational experience of more than 3 years in the field of import and export food inspection

2) Under forty (40) years of age

3) Good working knowledge of English

4. DESCRIPTION OF TRAINING

1) Discussion on Country Report, Programme Orientation, Evaluation Meeting and Closing Ceremony, etc.

2) *Lectures*
   (1) Present situation of import and export food
   (2) Food Sanitation Law
   (3) Inspection system for import and export food
   (4) Inspection system in domestic market
   (5) Rejected cases of import and export food
   (6) Food ingredient and its testing method

3) *Practice*
   Chemical and bacteriological testing of import and export foods mentioned below by official method
   (1) Marine products
   (2) Canned food
   (3) Confectionary
   (4) Vegetables
   (5) Packaging material
   (6) Others

4) Observation of private and public facilities related to food inspection in and around Kobe

5) Study Tours

5. FACILITIES AND INSTITUTIONS

1) Hyogo International Centre (HIC), JICA

2) National Institute of Hygienic Sciences (Tokyo & Osaka), Ministry of Health and Welfare

3) Food Inspection Organizations, Japan Edible Oil Inspection Corporation and others

6. REMARKS

No. 215

COUNTERMEASURES AGAINST RENAL FAILURE (腎不全対策)

1. PERIOD

August 17, 1987 to October 2, 1987 (1.5 month)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Ten (10)

3. QUALIFICATIONS

1) University graduates who hold the degree of medical doctor or licentiates who possess equivalent degrees
2) Present engagement in the field of nephrology
3) A sufficient command of spoken and written English
4) Not studied a similar subject abroad before
5) Under thirty five (35) years of age

4. DESCRIPTION OF TRAINING

1) Lectures, seminars and practice
   - Basic nephrology
   - Hemodialysis
   - Transplantation
2) Study tours

5. FACILITIES AND INSTITUTIONS

1) Nihon University School of Medicine, Department of Pathology
2) Tokyo Women's Medical College
3) Kitasato University Hospital, Kidney Center
4) Tokai University School of Medicine, Tokai University Hospital
5) The Foundation of Kidney, Japan

6. REMARKS

No. 216

PARASITE CONTROL ADMINISTRATION FOR SENIOR OFFICERS (SEMINAR)

（寄生虫予防指導者セミナー）

1. PERIOD

January 25, 1988 to February 20, 1988 (1 month)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Ten (10)

3. QUALIFICATIONS

1) Senior Level Administrators or Experts in Government or Private Sector in Charge of Parasite Control

2) Medical or Other Related Professions

3) Under 55 years of age

4) Working Knowledge of English

4. DESCRIPTION OF TRAINING

1) Presentation and Discussion
   - National Parasite Control Programme in Japan
   - Parasite Control Activities by Voluntary Organization

2) Country Presentation and Discussion

3) Presentation on the Epidemiological Aspect of Parasite Control

4) Demonstration of the Examination Method for Mass Examination and Treatment

5) Field Trip

5. FACILITIES AND INSTITUTIONS

Japan Association of Parasite Control

6. REMARKS

No. 217

SPECIALIZED NURSING (専門看護)

1. PERIOD

September 28, 1987 to July 27, 1988 (10 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Seven (7)

3. QUALIFICATIONS

Applicants should:

(1) be completed the fundamental nursing education programme of three years or more

(2) have an experience in nursing practice for five (5) years or more and desirably have experienced, at least for one year, in the field of the specialized nursing which the participant is to apply for,

(3) be under thirty—five (35) years of age

(4) have a sufficient command of spoken and written English

(5) be in good health, both physically and mentally, to undergo the training course, Pregnancy is regarded as a disqualifying condition for participation in the course

4. DESCRIPTION OF TRAINING

The purpose of the course is to offer piomising nurses in the developing countries an opportunity to acquire advanced knowledge & technology of specialized nursing (ICC/CCU, Public Health Nursing) through lectures & field studies (on the job training) so as to enhance the quality of nurses and eventually to contribute to needs in the area of human resourse development of the respective country.

5. FACILITIES AND INSTITUTIONS

The International Nursing Foundation of Japan

6. REMARKS

Japanese Language Course is arranged for three months.

No. 218

CARDIOVASCULAR DISEASES (循環器病対策)

1. PERIOD

September 3, 1987 to December 14, 1987 (3.5 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Seven (7)

3. QUALIFICATIONS

1) Licenced physicians authorized by their governments
2) Under 35 years of age
3) Occupational experience of more than 2 years in diagnosis and treatment of cardiovascular diseases
4) Engaged in the same field after return to their countries
5) A sufficient command of spoken and written English

4. DESCRIPTION OF TRAINING

1) Lectures
   - Outline of control of cardiovascular and related diseases in Japan
   - Medical care system in Japan
   - Medical education in Japan
   - Progress and trend of cardiovascular medicine in Japan
   - Progress and trend of cardiovascular surgery in Japan
   - Progress and trend of cardiovascular research in Japan
2) Discussions, observations, practices of laboratory examinations in each department or division
3) Observation tour

5. FACILITIES AND INSTITUTIONS

National Cardiovascular Centre, Ministry of Health and Welfare

6. REMARKS

Participants will be divided into Departments or Divisions in accordance with their interests and specialities to do more studies on diagnosis and treatment in respective Departments or Divisions. Applicants are requested to make their choice of two Departments and Divisions according to priority in the item "Requirements for Training" of Form A−3.

No. 219

GESTROINTESTINAL PATHOLOGY (消化管病理学)

1. PERIOD

August 24, 1987 to November 13, 1987 (3 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Ten (10)

3. QUALIFICATIONS

1) Pathologist

2) University graduate or the equivalent academic background

3) Good working knowledge of English

4. DESCRIPTION OF TRAINING

This course consists of

(1)	General Orientation	1 week
(2)	Group Training	5 weeks
(3)	Individual Training	5 weeks
(4)	Observation Tour	1 week
(5)	Report Making	1 week

The following major subject will be covered in the course

(1) Pathology of the stomach diseases and biospy diagnosis
(2) Pathology of the esophagus diseases and biospy diagnosis
(3) Pathology of the large bowel diseases and biospy diagnosis
(4) Pathology of the duodenum diseases and biospy diagnosis
(5) Pathology of the liver biospy
(6) Other Items
(7) Individual Training on selected subjects

5. FACILITIES AND INSTITUTION

1) University of Tsukuba

2) Tsukuba International Centre, JICA

6. REMARKS

No. 220

PUBLIC HEALTH TECHNOLOGIST (公衆衛生技術者)

1. PERIOD

June 25, 1987 to March 28, 1988 (9.5 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Five (5)

3. QUALIFICATIONS

1) University graduates or equivalent with occupational experience of more than three years
2) Presently engaged in research work as a laboratory technologist in the field of public health
3) Under forty (40) years of age
4) A sufficient command of spoken and written English

4. DESCRIPTION OF TRAINING

(1) General Orientation

(2) Intensive Japanese Language

(3) Group Training Programme
- Programme Orientation
- General Introduction of Okinawa
- Study Tour

(4) Individual Training Programme

1) Environmental Pollution
- Water Pollution
- Chemical and Instrumental analysis of air pollution
- Odor
- Noise and Vibration

2) Food Hygiene
- Qualitative and quantitative analysis of food additives
- Detection of heavy metals in food
- Analysis of drinking water
- Detection of pesticide residues in food
- Chemical approach to food poisoning

3) Infectious Diseases
3)-1 Diagnostic procedures for bacterial infections
3)-2 Isolation, identification and serological tests of
- *Enterobacteria*
- Vibrios
- Leptospira
- and Others
3)-3 Diagnostic procedures for viral infections
3)-4 Isolation and serological examination of
- Arboviruses
- Enteroviruses
- Myxoviruses
- and Others

4) Medical Entomology and Parasitology
4)-1 Classification, identification, ecological observation and control of
- Flies
- Mosquitos
- Fleas
- Lice
- Ticks
- Cockroaches
- Rats and mice
4)-2 Laboratory examination and epidemiological investigation of
- Malaria
- Filaria
- Intestinal parasite
- Zoonosis

5) Venomous Snake Control
5)-1 Snake Venom and Antivenom
(a) Fractionation of snake venom
(b) Experimental production of snake antivenom
- Immunization of animals
- Purification of antibody
(c) Assay of snake antivenom
- Titration of antilethal units
- Titration of antihemorrhagic units
- Titration of antiswelling units
5)-2 Eradication of Venomous Snakes
(a) *Rearing and handling the snakes*
(b) Ecological survey of the snakes
(c) Epidemiology of snake-bites
(d) Removal of the venomous snakes

5. FACILITIES AND INSTITUTIONS

Okinawa Prefectural Institute of Public Health

6. REMARKS

Applicants are requested to select desired subject from the training subjects mentioned below and fill in first and second choice subject in the A–3 Form

(1) Environmental Pollution
(2) Food Hygiene
(3) Infectious Diseases
(4) Medical Entomology and Parasitology
(5) Venomous Snake Control

No. 221

OCCUPATIONAL HEALTH (産業医学)

1. PERIOD

September 3, 1987 to December 11, 1987 (3 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Ten (10)

3. QUALIFICATIONS

1) Physicians or university graduates with more than three years professional or academic experience
2) Presently engaged or expected to be working on their return in this line
3) Under 40 years of age
4) Good working knowledge of English

4. DESCRIPTION OF TRAINING

1) Lectures
   - The general principles of occupational health
   - The principles and methods of occupational epidemiology
   - Evaluation and control of work environment
   - Evaluation and management of work
   - *Health care systems for workers*
   - Occupatonal diseases
   - Occupational health in agriculture
2) Country Report Presentation
3) Group Seminars
   - Participants will be divided into three groups according to their interests in the field of occupational health.
4) Observation tours

5. FACILITIES AND INSTITUTIONS

1) University of Occupational and Environmental Health
2) Keihai Rosai Hospital

6. REMARKS

No. 222

RESEARCH FOR TROPICAL MEDICINE (熱帯医学研究)

1. PERIOD

January 14, 1988 to September 24, 1988 (8.7 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Five (5)

3. QUALIFICATIONS

1) Doctors or graduates from a department of biology, pharmacy or agriculture, or equivalent to this qualifications

2) Over twenty-four (24) and under forty (40) years of age

3) A sufficient command of spoken and written English

4. DESCRIPTION OF TRAINING

Research for Tropical Medicine
Pathology, Epidemiology, Parasitology, Virology, Becteriology, Internal Medicine.

5. FACILITIES AND INSTITUTIONS

Institute for Tropical Medicine, Nagasaki University

6. REMARKS

No. 223

CLINICAL NURSING (臨床看護実務)

1. PERIOD

August 20, 1987 to March 28, 1988 (7.4 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Five (5)

3. QUALIFICATIONS

1) Licensed nurses who have more than three (3) years of experience

2) Staff nurse (head nurses and chief nurses are not recommended)

3) Under the age of forty (40)

4) A sufficient command of both spoken and written English

4. DESCRIPTION OF TRAINING

1) Common Programmes
   1. Japanese Language
   2. General Orientation
   3. Emergency Room
   4. Emergency Nursing
   5. Nursing Care at Admission

2) Specialized Sub-Course Programmes
   1. Emergency Nursing Training Group
   2. Internal Medicine Nursing Training Group
   3. Surgical Nursing Training Group
   4. Maternal and Child Nursing Training Group

3) Observation Tour

5. FACILITIES AND INSTITUTIONS

1) Okinawa Prefectural Chubu Hospital

2) Okinawa International Center (OIC), JICA

6. REMARKS

No. 224

FAMILY PLANNING ADMINISTRATION FOR SENIOR OFFICERS (SEMINAR) (家族計画指導者セミナー)

1. PERIOD

August 24, 1987 to September 21, 1987 (1 month)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Fifteen (15)

3. QUALIFICATIONS

1) Qualified in their respective fields

2) Directors or high-ranking officials responsible for family planning programmes of the governmental organizations, or equivalent in voluntary organizations

3) A sufficient command of spoken and written English

4. DESCRIPTION OF TRAINING

1) Country Reports
   a) Oral presentation of constraints on family planning administration
   b) Paper presentation of general situation of national family planning programmes described with geographic, demographic and administrative and organizational informations

2) Topic discussion
   – Strategies relating to:
     – Recruitment and training of personnel
     – Information, education and communication
     – Community-based family planning programmes
     – International cooperation

3) Field study

5. FACILITIES AND INSTITUTIONS

Japan Organization for International Cooperation in Family Planning, Inc. (JOICFP)

6. REMARKS

No. 225

COMMUNITY-BASED FAMILY PLANNING STRATEGY (SEMINAR)

(家族計画組織活動セミナー)

1. PERIOD

June 29, 1987 to August 3, 1987 (1.5 month)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Fifteen (15)

3. QUALIFICATIONS

1) Officers who are directly involved and responsible for community-based family planning programmes including Information, Education and Communication (IEC) activities of government or voluntary organizations at the central or provincial level.

2) Between 25 and 50 years of age

3) With sufficient command of spoken and written English

4. DESCRIPTION OF TRAINING

1) Presentation and discussions
   - Mother and Child Health / family planning
   - IEC strategies

2) Field study

5. FACILITIES AND INSTITUTIONS

Japanese Organization for International Cooperation in Family Planning, Inc. (JOICFP)

6. REMARKS

WELFARE

No. 226

MENTAL RETARDATION (精神薄弱福祉)

1. PERIOD

June 11, 1987 to December 20, 1987 (6.5 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Eight (8)

3. QUALIFICATIONS

1) Occupational experience of more than 3 years
2) Be not less than 26 years, and not more than 45 years of age
3) Good working knowledge of English

4. DESCRIPTION OF TRAINING

1) Lectures and Practical training
   – Various subjects involved in this field
2) Observation tours

5. FACILITIES AND INSTITUTIONS

Japan League for the Mentally Retarded (JLMR)

6. REMARKS

Japanese Language Course will be added from this year.

No. 227

PROSTHETIC AND ORTHOTIC TECHNICIANS (補装具製作技術)

1. PERIOD

July 27, 1987 to December 16, 1987 (5 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Four (4)

3. QUALIFICATIONS

1) Five years or more practical experience in the production of prosthetic and orthotic devices
2) Be expected to become leaders in this field
3) Have not studied a similar subject abroad before
4) A sufficient command of spoken and written English or Japanese

4. DESCRIPTION OF TRAINING

1) Lectures
   a. Basic Medicine
   b. Introduction of Prosthetics and orthotics
   c. Functional Anatomy
   d. Disability and Indication of Prostheses and orthoses
   e. Materials
2) Practical training
   a. B/K Prosthesis
   b. A/K Prosthesis
   c. Upper Extremity Prosthesis
   d. Upper and Lower Orthosis
3) Study Tour

5. FACILITIES AND INSTITUTIONS

National Rehabilitation Center for the Disabled

6. REMARKS

No. 228

PUBLIC ADMINISTRATION OFFICERS ON WOMEN'S PROBLEMS (SEMINAR) (婦人関係行政セミナー)

1. PERIOD

August 10, 1987 to September 24, 1987 (2 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Ten (10)

3. QUALIFICATIONS

1) Female
2) University graduates or equivalent
3) Presently engaged in public administratetion in women's problems with priority given to working women's problems at the governmental organization
4) Occupational experience of more than 5 years
5) Between 25 and 40 years of age
6) Good working knowledge of English

4. DESCRIPTION OF TRAINING

1) Lectures
   – Public administration on women's problems in Japan
2) Country Report Discussions
3) Observation tours

5. FACILITIES AND INSTITUTIONS

1) Women's and Young Workers' Bureau, Ministry of Labour
2) Tokyo International Centre, JICA

6. REMARKS

No. 229

INDUSTRIAL SAFETY AND HEALTH (SEMINAR) (労働安全衛生行政セミナー)

1. PERIOD

September 21, 1987 to November 2, 1987 (1.5 month)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Eighteen (18)

3. QUALIFICATIONS

1) University graduates or equivalent
2) Qualified in their respective fields
3) Occupational experience of more than 3 years
4) Between 25 and 45 years of age
5) Good working knowledge of English

4. DESCRIPTION OF TRAINING

1) Lectures and practical training
   - Role of governmental and non-governmental organizations in industiral safety and health
   - Methods of accident investigation and procedures of cause analysis and cost calculation

   This seminar has two concentrations; the safety-oriented course and the health-oriented course, Nominees should indicate to which concentration he or she wants to apply.

2) Observation tours

5. FACILITIES AND INSTITUTIONS

1) Labour Standards Bureau, Ministry of Labour
2) Japan Industrial Safety and Health Association
3) Tokyo International Centre, JICA

6. REMARKS

No. 230

LABOUR MANAGEMENT (SEMINAR)

（労使関係行政セミナー）

1. PERIOD

From October 22, 1987 to December 9, 1987 (2 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Ten (10)

3. QUALIFICATIONS

1) Middle class official in charge of industrial relations administration in the government organization

2) Under 45 years of age

3) Good working knowledge of English

4. DESCRIPTION OF TRAINING

1) Lecture and Discussion
   - Introduction to Labour Management
   - Function of Labour Organizations
   - Labour Laws
   - Labour Economics

2) Observation Tours
   - Administrative body for industrial relations
   - Industrial relations at enterprise level

3) Country report presentation

5. FACILITIES AND INSTITUTION

1) Hachioji International Training Centre, JICA

2) Labour Policy Bureau, Ministry of Labour

3) Japan Institute of Labour

6. REMARKS

No. 231

LABOUR STATISTICS (SEMINAR)

（労働統計セミナー）

1. PERIOD

From June 18, 1987 to August 1, 1987 (1.5 month)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Nine (9)

3. QUALIFICATIONS

1) Presently engaged in labour statistics administration or expected to work in this field in future.

2) University graduates or the equivalent academic background

3) Not more than 45 years of age

4) Good working knowledge of English

4. DESCRIPTION OF TRAINING

1) Lecture & Discussion
   - Statistic System & Labour Administration
   - Employment and Unemployment Statistics
   - Wage Statistics
   - Industrial Accident and Injuries Statistics
   - Industrial Relations Statistics
   - Technique of Statistic Survey

2) Observation Tour

5. FACILITIES AND INSTITUTION

1) Hachioji International Training Centre, JICA

2) Ministry of Labour

No. 232

EMPLOYMENT ADMINISTRATION (SEMINAR) (雇用行政セミナー)

1. PERIOD

September 7, 1987 to October 16, 1987 (1.5 month)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Ten (10)

3. QUALIFICATIONS

1) Presently engaged in policy-drafting in employment promotion administration in the governmental bodies

2) Over 30 years and under 45 years of age

3) Good working knowledge of English

4. DESCRIPTION OF TRAINING

1) Lectures
   - Present situation and recent problems in the field of Employment Promotion in Japan
   - Administration and system in the field of countermeasures against Unemployment and Man Power Development in Japan
   - Countermeasures to workers' welfare in Japan
   - Observation of various public institutions and organizations

2) Country report discussions

3) Observation trip

5. FACILITIES AND INSTITUTIONS

1) Employment Security Bureau, Ministry of Labour

2) Tokyo International Centre, JICA

6. REMARKS

No. 233

RESCUE AND FIRST AID TECHNICS

（救急救助技術）

1. PERIOD

August 31, 1987 to November 30, 1987

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Five (5)

3. QUALIFICATIONS

1) University graduates or equivalent

2) Leader in the field of rescue service

3) Under 35 years

4) Good working knowledge of English

4. DESCRIPTION OF TRAINING

1) Basic theory
   - Fire service system in Japan
   - Present situation of disaster and fire service activities
   - Policy to prevent hazardous materials disaster
   - Policy to prevent earthquake disaster
   - Standard on the fire service strength and educational training
   - Rescue service

2) Outline of rescue service
   - Rescue service activity
   - Theory of rescue instruction
   - Safety administration
   - Ambulance service
   - Rescue operation and rescue tools

3) Rescue practice
   - Basic activity
   - Entry skill
   - Rescue skill
   - Rescue command skill
   - Searching skill
   - Usage of rescue tools
   - First aid skill
   - Fire prevention skill

4) Quartering study

5) Observation visit

6) Study trip

5. FACILITIES AND INSTITUTIONS

1) Fire Defense College and Fire Defense Laboratory

2) Tokyo Metropolitan Fire Department

3) Fire Defense Agency, Ministry of Home Affairs

6. REMARKS

No. 234

MARINE DISASTER PREVENTION AND RESCUE OPERATION (救難防災)

1. PERIOD

October 19, 1987 to December 14, 1987 (1.9 month)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Five (5)

3. QUALIFICATIONS

1) University graduates or equivalent with occupational experience of more than five (5) years in the field of marine disaster prevention and rescue operation

2) Those who are presently engaged in the above-mentioned field

3) Under forty (40) years of age

4) A sufficient command of spoken and written English

4. DESCRIPTION OF TRAINING

–Outline of Organization and Service of Maritime Safety Agency (Japan)
–Operation of Patrol Vessel and Aircraft
–System and Service of Search and Rescue Operation
–Case Study of Rescue Operation and Casuality Examples
–Safety Navigation Measures (Measures for Marine Accident Prevention)
–System of Information Collection (Marine Disaster Message Communication , etc.)
–Situation of Marine Pollution and Preventive Measures at Sea around
–System of Marine Disaster Prevention
–Case Study of Marine Disaster Prevention and Casuality Examples
–Measures for Marine Pollution Prevention
–Marine Disaster Prevention Center
–Special Rescue Team, Aqualung-Equipped Vessel (Training System)
–Training Practice on Rescue and Disaster Prevention
–Boarding Patrol Vessel and Aircraft

5. FACILITIES AND INSTITUTIONS

1) Japan Maritime Safety Agency (JMSA)

2) Maritime Disaster Prevention Training Center

6. REMARKS

JICA