

MECHANICS DIESEL AUTOMOBILE VEHICLES (AUTOBUSES, TRUCKS)

(バス・トラック整備技術)

1. PERIOD

January 12, 1987 to March 24, 1987 (2.5--month)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Twelve (12)

3. QUALIFICATIONS

- 1) Qualified educational background in their respective field
- 2) Occupational experience of more than 3 years in maintenance and repair of diesel vehicles
- 3) Between 25 and 40 years of age
- 4) Good working knowledge of French

4. DESCRIPTION OF TRAINING

- 1) Lectures and practical training
- Fundamental knowledges about mechanism and function of diesel vehicles (autobuses, trucks)
- 2) Observation tours

5. FACILITIES AND INSTITUTIONS

- 1) Hachioji International Training Centre, JICA
- 2) Hino Motors, Ltd.

6. REMARKS

The course will be conducted in French or through the interpretation of Japanese into French.

PLANT MAINTENANCE ENGINEERING (プラント・メンテナンス)

1. PERIOD

April 26, 1986 to July 28, 1986 (3-month)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Nine (9)

3. QUALIFICATIONS

- 1) *University graduates or the equivalent*
- 2) Engaged or expected to be working on their return in this line
- 3) Between 30 and 45 years of age
- 4) Good working knowledge of English

4. DESCRIPTION OF TRAINING

- 1) Lectures and practical training
 - *Maintenance in Japan*
 - Maintenance at Steel Plant, Electrical Machinery MFG Plant, Chemical Plant, Machine Assembly Plant

- 2) Observation tours

5. FACILITIES AND INSTITUTIONS

- 1) Nippon Steel Corporation
- 2) Sumitomo Metal Industries Ltd.
- 3) Mitsubishi Chemical Industries Ltd.
- 4) Nissan Motor Co., Ltd.
- 5) Yasukawa Electric MFG. Co., Ltd.
- 6) Kyushu Institute of Technology
- 7) Sumitomo Metal Industries, Ltd.

6. REMARKS

AUTOMATIC CONTROL (自動制御)

1. PERIOD

September 29, 1986 to December 24, 1986 (2--months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Five (5)

3. QUALIFICATIONS

- (1) Have two years' occupational experience or more in the field of production, planning of plants and machineries, or laboratory research and be engaged in the automation at present or in the near future.
- (2) Be those who graduated from university's engineering department of mechanics, electricity or instrumentation, or have the equivalent academic background,
- (3) Have a sufficient command of spoken and written English, and
- (4) Be not more than forty (40)
- (5) Be in good health, both physically and mentally, to undergo the training. Pregnancy is regarded as a disqualifying condition for participation in the training.

4. DESCRIPTION OF TRAINING

- 1) The course will be conducted in the form of:
Lecture/discussions, studies by simulators, field trips, etc.

The following major subjects will be covered in the course:

- | | |
|--|---|
| a. Theory of Feedback control and feedforward Control | h. Programmable Logic Controller (PLC), programming methods, operation and maintenance techniques |
| b. Modeling and its application in practical situations | i. Practice of operation and maintenance of the industrial robots of playback system |
| c. Advanced control theory | j. Process control system |
| d. Measurement and sensors and its importance in the control system | k. Selection of process features and control characteristics |
| e. Basic knowledge of hydraulic, pneumatic and electric sequence control circuits, and its designing | l. Measuring method of dynamic characteristics of process |
| f. Application of hydraulic, pneumatic and electric actuators | m. Optimum adjustment by control instruments |
| g. Computer literacy | n. Field observations |

5. FACILITIES AND INSTITUTIONS

Kitakyushu Industrial Research Institute, Fukuoka Prefecture

6. REMARKS

TEXTILE MACHINERY INDUSTRIES (SEMINAR) (繊維機械工業セミナー)

1. PERIOD

Not Conducted in 1985 September 25, 1986 to November 8, 1986

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Eight (8)

3. QUALIFICATIONS

Currently assume the position of the high ranking governmental officials directly concerned with and being capable of contributing to the development and promotion of the textile industry in their respective countries by giving the proper guidance on the administrative and technical aspects from a high level after their return to their own countries

4. DESCRIPTION OF TRAINING

This Seminar aims at the formulation of and/or the search into the key ideas possible to direct the textile industry towards its future promotion and development through the comparative discussion of the governmental policies and measures, and the introduction and the management of the textile machinery and their related facilities with a reference to the Japan's case.

5. FACILITIES AND INSTITUTIONS

- 1) Nagoya International Training Centre (NITC), JICA
- 2) Regional Bureau of International Trade and Industry, Nagoya
- 3) Tokai Textile Machinery Industrial Association, Nagoya
- 4) The leading textile machinery manufacturers in Tokai region
- 5) The textile mills

6. REMARKS

Conducted Every Other Year

COTTON WEAVING ENGINEERING (綿織布技術)

1. PERIOD

April 3, 1986 to September 28, 1986 (6--month)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Nine (9)

3. QUALIFICATIONS

- 1) University graduates or equivalent
- 2) Be presently engaged in the production as the mill manager and/or weaving master in the textile mill
- 3) Between 30 and 45 years of age
- 4) Good working knowledge of English

4. DESCRIPTION OF TRAINING

- 1) Lectures and practical training
 - Preparatory process of weaving (sizing and warping)
 - Mechanism of weaving machine
 - Loom operation and maintenance
 - Designing and analysis of different fabrics
 - Physical and chemical testing method of fabrics
 - Modern techniques of management of weaving mills, etc.
- 2) Observation tours

5. FACILITIES AND INSTITUTIONS

- 1) Aichi Prefectural Textile Research Centres
- 2) Toyoda Automatic Loom Works, Ltd.
- 3) Nagoya International Training Centre (NITC), JICA

6. REMARKS

POLYMERS AND TEXTILES TECHNOLOGY (纖維高分子)

1. PERIOD

August 11, 1986 to November 10, 1986 (3-month)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Eight (8)

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 35 years of age
- 5) Good working knowledge of English or Japanese

4. DESCRIPTION OF TRAINING

- 1) Lectures and Individual Studies
 - Structure and properties of fibers
 - Dyeing, finishing and testing methods of textiles
 - Application of computers in the processing of textile products
 - Utilization of native plant fibers
 - Development of synthetic polymers
 - Physical properties of synthetic polymers
 - Processing of synthetic polymers
 - Industrial application of synthetic polymers
- 2) Observations
 - To related institutions

5. FACILITIES AND INSTITUTIONS

- 1) Research Institute for Polymers and Textiles, Agency of Industrial Science and Technology, Ministry of International Trade and Industry
- 2) Tsukuba International Centre, JICA

6. REMARKS

COIN AND DECORATION MANUFACTURE (貨幣勲章製造)

1. PERIOD

April 3, 1986 to September 7, 1986 (7-month)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Five (5)

3. QUALIFICATIONS

- 1) Technical high school graduates or equivalent
- 2) engaged in coin and obcorafion manufacture, and have occupational experience of not less 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.Orientation
- 2.Japanese Language
- 3.Lectures and observatious
- (1) Introduction to Mint Bureau
- (2) Coin Manufacture
 - Melting and Casting
 - Rolling
 - Blanking
 - Coining
 - Inspection
- (3) Decoration and Engraving
- (4) Metal Analysis and Precious Metal Refining
- (5) Supplemantary study
4. Country Report by participants
5. Specialized Training
6. Observations and study Tour

5. FACILITIES AND INSTITUTIONS

Mint Bureau, Ministry of Finance

6. REMARKS

No. 171

INDUSTRIAL DESIGN (インダストリアルデザイン)

1. PERIOD

August 14, 1986 to October 27, 1986 (2.5--months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Five (5)

3. QUALIFICATIONS

- 1) Practical experience in design work for more than 5 years
- 2) Under 35 years of age
- 3) Good working knowledge of English

4. DESCRIPTION OF TRAINING

- 1) Lecture
 - Design Promotion Policies in Japan
 - Industrial Design Activities in Japan
 - General Remarks on Design
 - Case study on Design Development
 - Design & concept
 - Business C Design
- 2) Observation Trips
- 3) Practical Training
 - Idea Development
 - Design Development
 - Design Work
 - Presentation Technique
 - Finish Work

5. FACILITIES AND INSTITUTIONS

- 1) Japan Industrial Design Promotion Organization
- 2) Japan Interior Designers Association

6. REMARKS

PACKAGING ENGINEERING (包装技術)

1. PERIOD

January, 26, 1987 to March 23, 1987 (2.0-month)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Thirteen (13)

3. QUALIFICATIONS

- 1) University graduates or equivalent
- 2) Experience for more than 3 years in this field
- 3) Good working knowledge of English
- 4) Under 40 years of age

4. DESCRIPTION OF TRAINING

- 1) Packaging Materials
 - Corrugated boards and boxes
 - Paperboard containers and printing
 - Treated papers and cellulose films
 - Plastic films
 - Plastic containers
 - Metal cans
 - Glass bottles
- ※ 2) and 3) are alternative subjects.
- 2) Transport Packaging Techniques
 - Packaging plan
 - Transport packaging and wooden boxes
 - Outer packaging and its machines
 - Testing Methods and equipments
 - Packaging standardization
- 3) Consumer Packaging Techniques
 - Automation in Packaging operations and machines
 - Moisture-proof and gas-barrier packaging
 - Packaging design (graphic)
 - Safety and sanitation in packaging
 - Food packaging techniques
- 4) Technical Visit and Practical Training

5. FACILITIES AND INSTITUTIONS

Japan Packaging Institute

6. REMARKS

ENERGY

ENERGY CONSERVATION (省エネルギー)

1. PERIOD

October 20, 1986 to December 10, 1987

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Seven (7)

3. QUALIFICATIONS

1. be university/college graduates or equivalent and be presently employed in government, governmental, institutions, industrial associations, or companies,
2. be presently engaged in work in the energy field or expect to be engaged in such work after returning to the country,
3. have a sufficient command of spoken and written English,

4. DESCRIPTION OF TRAINING

1. Lecture and Training Programme
 - a. Energy conservation situation in Japanese major industries
 - b. Method of energy management in industries
 - c. Energy conservation technology in industry
 - d. Energy consumption measuring and data analysis
 - e. Presentation of country reports and discussion
2. Observation Tour
3. Evaluation Meeting

5. FACILITIES AND INSTITUTIONS

- 1) The Agency of Natural Resources and Energy
- 2) The Energy Conservation Center, Japan (ECC)

6. REMARKS

HYDRO-ELECTRIC POWER ENGINEERING (水力発電)

1. PERIOD

May 8, 1986 to July 25, 1986 (3-month)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Nine (9)

3. QUALIFICATIONS

- 1) University graduates or equivalent
- 2) Qualified in their respective fields (electrical and/or mechanical or civil engineers)
- 3) Occupational experience of more than 7 years
- 4) Between 30 and 45 years of age
- 5) Good working knowledge of English

4. DESCRIPTION OF TRAINING

- 1) Lectures
 - Economic feasibility study of hydro-electric power development
 - Investigation, planning and geological investigation of hydro-electric power project site
 - Planning of power system
 - Design and construction of dams, stations, electric facilities and telecommunication facilities
 - Operation and maintenance of hydro-electric power plant
- 2) Observation tours
 - Various types of power stations
 - Various facilities related to Electric Power Industry
 - Manufacturers of Equipments related to Electric Power Industry

5. FACILITIES AND INSTITUTIONS

- 1) Japan Electric Power Information Center, Inc.
- 2) Electric Power Development Co., Ltd.
- 3) Agency of Natural Resources and Energy, Ministry of International Trade and Industry

6. REMARKS

THERMAL-ELECTRIC POWER ENGINEERING (火力発電)

1. PERIOD

May 8, 1986 to July 25, 1986 (3—months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Eight (8)

3. QUALIFICATIONS

- 1) University graduates or equivalent
- 2) Qualified in their respective fields (Electrical and/or mechanical=engineers)
- 3) Occupational experience of more than 7 years
- 4) Between 30 and 45 years of age
- 5) Good working knowledge of English

4. DESCRIPTION OF TRAINING

- 1) Lectures and practical training
 - Japanese electric power policy
 - Power system management
 - Operation and maintenance of thermal power station
 - Measures for energy saving
- 2) Observation tours
 - Various types of power stations
 - Various facilities related to Electric Power Industry
 - Manufacturers of equipments related to Electric Power Industry

5. FACILITIES AND INSTITUTIONS

- 1) Japan Electric Power Information Center, Inc.
- 2) Tokyo Electric Power Company, Inc.
- 3) Agency of Natural Resources and Energy, Ministry of International Trade and Industry

6. REMARKS

ELECTRIC POWER MANAGEMENT (電気事業経営)

1. PERIOD

August 21, 1986 to October 16, 1986 (2-months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Nine (9)

3. QUALIFICATIONS

- 1) University graduates or equivalent
- 2) managerial position in electric power industry
- 3) Between thirty (30) and fifty (50) years of age
- 4) Good working knowledge of English

4. DESCRIPTION OF TRAINING

- 1) Lectures
 - Outline of the electric power industry in Japan
 - Organization, personnel management, labor management and education
 - Information system
 - Technological development
 - Electric apparatus makers related to the electric power industry
 - Electric power supply plan, electric power sources development plan
 - Power systems operation
 - Plan, construction, operation, and maintenance of power transmitting and distributing facilities
 - Customer services
- 2) Observation tours
 - Hydro, thermal and nuclear power stations
 - Heavy machinery manufactures
- 3) Discussion and evaluation on achievement

5. FACILITIES AND INSTITUTIONS

- 1) Japan Electric Power Information Center, Inc.
- 2) Chubu Electric Power Co., Ltd.
- 3) Agency of Natural Resources and Energy, Ministry of International Trade and Industry

6. REMARKS

ELECTRIC POWER DISTRIBUTION ENGINEERING (配電技術)

1. PERIOD

September 8, 1986 to November 21, 1986 (3—months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Six (6)

3. QUALIFICATIONS

- 1) Technical college graduates or equivalent
- 2) Qualified in their respective fields
- 3) Occupational experience of more than 7 years
- 4) Between 30 and 40 years of age
- 5) Good working knowledge of English

4. DESCRIPTION OF TRAINING

- 1) Lectures and practical training
 - Japan's electric power policy
 - Transmission, transformation and distribution lines
 - Design, construction and maintenance of transmission lines
 - Distribution facilities and work
 - Indoor and outdoor wiring, etc.
- 2) Observation tours
 - Various types of power stations
 - Various facilities related to power distribution
 - Manufacturers of equipments related to power distribution

5. FACILITIES AND INSTITUTIONS

- 1) Japan Electric Power Information Center, Inc.
- 2) Kansai Electric Power Co., Inc.
- 3) Agency of Natural Resources and Energy, Ministry of International Trade and Industry

6. REMARKS

ELECTRIC POWER ENGINEERING FOR MIDDLE EAST COUNTRIES (中近東電力)

1. PERIOD

September 11, 1986 to November 7, 1986 (2--months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Seven (7)

3. QUALIFICATIONS

- 1) Electrical and/or mechanical engineers or civil engineers
- 2) Technical college graduates or the equivalent
- 3) Practical experience of more than 5 years
- 4) Between 30 and 45 years of age
- 5) Good working knowledge of English

4. DESCRIPTION OF TRAINING

- 1) Lectures and practical training
 - Japan's electric power industry and others
 - Basic policy for development of power sources
 - Expansion plan of the power systems
 - Power system expansion planning
 - Design, operation and maintenance of substations
 - Design, construction, operation and maintenance of transmission lines, and of distribution lines
 - Fuels for thermal power plant
 - Design of foundation for thermal power station
 - Design and construction of thermal power plant
 - Operation and maintenance of thermal power station
 - Present situation of R & D of new technology for electric power facilities
 - Management of the power systems
 - Outline of nuclear power generation
- 2) Observation tours
 - Visits to a load dispatching liaison office and to some manufacturers of power equipments

5. FACILITIES AND INSTITUTIONS

- 1) JAPAN ELECTRIC POWER INFORMATION CENTRE, Inc. (JEPIC)
- 2) Tokyo Electric Power Co., Inc. (TEPCO)

6. REMARKS

COAL SCIENCE AND TECHNOLOGY (石炭資源開発・利用)

1. PERIOD

October 2, 1986 to December 16, 1986

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Five (5)

3. QUALIFICATIONS

- 1) Three years' occupational experience or more in the field of coal science and technology
- 2) University graduates or equivalent
- 3) A sufficient command of spoken and written English
- 4) Not less than twenty-five (25), and not more than forty-five (45) years of age

4. DESCRIPTION OF TRAINING

- 1) Lectures (basic & advanced)
 - Coal Geology
 - Coal Mining Engineering
 - Coal Chemistry
 - Mechanical Engineering for Coal Utilization
 - Environmental Engineering for Coal Utilization
- 2) Experimental study
- 3) Observation
 - Coal mines and factories in Hokkaido & Kyushu

5. FACILITIES AND INSTITUTIONS

- 1) Hakozaki (Main) Camps, Faculty of Engineering and Faculty of Science, Kyushu University
- 2) Research Institute of Industrial Science, Kyushu University

6. REMARKS

GEOHERMAL ENERGY (地熱エネルギー)

1. PERIOD

August 28, 1986 to November 17, 1986 (3-month)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Twelve (12)

3. QUALIFICATIONS

- 1) Young scientists or technologists who have graduated from universities, majoring in geology, geophysics, chemistry, electric engineering, mechanical engineering, mining, or similar subjects or those having an equivalent academic background to the above
- 2) Good working knowledge of English

4. DESCRIPTION OF TRAINING

1) Subjects of Lectures, Seminars and Experiments

- | | |
|--|--|
| (1) Geothermal Geology | (14) Earthquake Mechanism and Geothermal Resources |
| (2) Volcanology | (15) Geothermal Survey by Remote Sensing |
| (3) Alteration Mineralogy | (16) Geothermal Measurements |
| (4) Experiments on Geothermal Geology | (17) Reservoir Physics |
| (5) Isotope Geochemistry | (18) Geothermics |
| (6) Hydrothermal Geochemistry | (19) Measurements of Thermal Conductivity of Rocks |
| (7) Experiments on Hydrothermal Geochemistry | (20) Hydraulic Fracturing Technology |
| (8) Chemistry of Scale Formation | (21) Geothermal Drilling Technology |
| (9) Heat and Thermodynamics | (22) Geothermal Power Plant Engineering |
| (10) Geothermal Hydrology | (23) Corrosion Fundamentals |
| (11) Geophysical Exploration | (24) Utilization of Geothermal Resources |
| (12) Gravity and Magnetic Surveys | (25) Special Lectures |
| (13) Magneto-telluric Method | |

- 2) Field Work
 - Geology
 - Geochemistry
 - Geophysics
 - Drillhole engineering
 - Production engineering

3) Observation tours

5. FACILITIES AND INSTITUTIONS

- 1) Kyushu University
- 2) Kyushu Electric Power Company, Inc.

6. REMARKS

NUCLEAR TECHNOLOGY (原子力基礎実験)

1. PERIOD

January 19, 1987 to March 22, 1987 (3.5-month)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Eight (8)

3. QUALIFICATIONS

- 1) Either graduate from colleges or universities
- 2) Under 40 years old
- 3) Working for administration of Nuclear Technology
- 4) Sufficient command of spoken and written English

4. DESCRIPTION OF TRAINING

- 1) Lectures
 - Fundamental knowledge of Atomic Energy
 - Reactor and Nuclear Fuel
 - Application of Radioisotope and Radiation
 - Radiation Protection
 - Application and Development of Atomic Energy etc.
- 2) Practice and Experiment
 - Radiation Posimetry
 - Operation of Reactor
 - Radioisotope and Radiation
 - Radiation Protection and Monitoring etc.
- 3) Obserbation trip
 - Nuclear Power Plant etc.

5. FACILITIES AND INSTITUTIONS

- 1) Radioisotope and Nuclear Engineering School
- 2) Japan Atomic Energy Research Institute

6. REMARKS

RADIATION SCIENCES (放射線科学基礎研究)

1. PERIOD

February 2, 1987 to October 28, 1987 (9-month)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Ten (10)

3. QUALIFICATIONS

- 1) University graduates, preferably of master courses, in natural sciences
- 2) Currently performing scientific research duties in connection with radiation sciences or be expected to perform such duties in the near future
- 3) A sufficient command of spoken and written English
- 4) Under thirty-five (35) years of age

4. DESCRIPTION OF TRAINING

- 1) Introductory Lectures
- 2) Study Tour to related institutions
- 3) Individual Studies
The applicant should select one of the following subjects (from a. to j.) for individual study and state in the Form of Nomination (A3 Form)
 - a. Nuclear Physics
 - b. High Energy Nuclear Physics with Accelerator
 - c. Standard of Radiation
 - d. Instrumentation Technology
 - e. Radiochemistry
 - f. Radiation Biology
 - g. Radioecology
 - h. Nuclear Technology for Medicine
 - i. Radiation Protection
 - j. Nuclear Technology for AgricultureOn receipt of the completed Form of Nomination, JICA will endeavour to arrange a programme of individual study for each participant meeting his requirements.
- 4) Technical thesis provision
The participants are required to complete a thesis at the end of the course under the supervision of Japanese researchers.

5. FACILITIES AND INSTITUTIONS

- 1) University of Tsukuba, Ministry of Education
- 2) National Laboratory for High Energy Physics, Ministry of Education
- 3) National Institute of Agro-environmental Sciences, Ministry of Agriculture, Forestry and Fisheries
- 4) Electrotechnical Laboratory
Agency of Industrial Science and Technology, Ministry of International Trade and Industry
- 5) National Institute of Radiological Sciences, Science and Technology Agency, Prime Minister's Office
- 6) Laboratory for Radioecology, Nakaminato
National Institute of Radiological Sciences, Science and Technology Agency, Prime Minister's Office

6. REMARKS

An applicant should attach to the Nomination Form two (2) copies of his/her country report in English typewritten in less than ten (10) pages of ISO A4 size papers in semi-double spacing. The report should comprise the items below.

- Present conditions of radiation sciences in the country of the applicant. Please give any available of statistics on the subject.
- Contents of official duties of the applicant.
- Some comments on the subject selected by the applicant for individual study.

COMMERCE AND TRADE

TRADE PROMOTION (A) (SEMINAR) (貿易振興セミナー(A))

1. PERIOD

January 15, 1987 March 14, 1987 (2-months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Ten (10)

3. QUALIFICATIONS

- 1) University graduates or the equivalent
- 2) Senior officials of governmental or semi-governmental organizations in their respective fields
- 3) Occupational experience of more than 5 years
- 4) Under 45 years of age
- 5) Good working knowledge of English

4. DESCRIPTION OF TRAINING

- 1) Lectures and discussions
 - a) Japanese Export Promotion (in the past)
 - History of Japan's International trade
 - Japan's Export Policy (in the past)
 - Japanese Enterprises, Effort to Export
 - Trade Insurance-Export Insurance
 - Trade Financing
 - Public Guidance
 - Aid to Export (Chamber of Commerce and Industry, Industrial Associations)
 - b) Japan as a Market-1
 - Import Policy
 - Import activities of JETRO
 - Aid to Import (sogo shosha)
 - Japan and the Japanese
 - Personnel Management in Japan
 - Decision Making System in Japan
 - c) Japan as a Market-2
 - Marketing in Japan
 - International Marketing
 - Opening a Market
 - d) Country Report
 - e) International Economy
- 2) Practical training
 - Independent Marketing Research
- 3) Observation tour

5. FACILITIES AND INSTITUTIONS

World Trade Centre of Japan (WTC)

6. REMARKS

TRADE PROMOTION (B) (SEMINAR) (貿易振興セミナー(B))

1. PERIOD

September 25, 1986 to November 22, 1986 (2--months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Twelve (12)

3. QUALIFICATIONS

- 1) University graduates or the equivalent
- 2) Senior officials of governmental or semi-governmental organizations in their respective field
- 3) Occupational experience of more than 5 years
- 4) Under 45 years of age
- 5) Good working knowledge of English

4. DESCRIPTION OF TRAINING

- 1) Lectures and discussions
 - a) Japanese Export Promotion (in the past)
 - History of Japan's International trade
 - Japan's Export Policy (in the past)
 - Japanese Enterprises Effort to Export
 - Trade Insurance--Export Insurance
 - Trade Financing
 - Public Guidance
 - Aid to Export (Chamber of Commerce and Industry, Industrial Associations)
 - b) Japan as a Market--1
 - Import Policy
 - Import activities of JETRO
 - Aid to Import (sogo shosha)
 - Japan and the Japanese
 - Personnel Menagement in Japan
 - Decision Making System in Japan
 - c) Japan as a Market--2
 - Marketing in Japan
 - International Marketing
 - Opening a Market
 - d) Country Report
 - e) International Economy
- 2) Practical training
Independent Marketing Research
- 3) Observation tour

5. FACILITIES AND INSTITUTIONS

World Trade Centre of Japan (WTC)

6. REMARKS

FOREIGN TRADE PRACTICE FOR LEADERS (貿易実践指導者)

1. PERIOD

August 21, 1986 to December 9, 1986 (4-month)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Eleven (11)

3. QUALIFICATIONS

- 1) University graduates or equivalent with occupational experience of more than 3 years
- 2) Leading officers in administration of foreign trade
- 3) Under 35 years of age
- 4) Good working knowledge of English

4. DESCRIPTION OF TRAINING

- Lectures and practical training
- Theory, policy and structure of trade
 - Business practice of trade transaction
 - Function and system of customs
 - Export insurance and inspection of export and import goods
 - Foreign exchange and foreign trade finance
 - Marine insurance
 - Transportation
 - Dispute and settlement
 - Communication

5. FACILITIES AND INSTITUTIONS

- 1) Kobe International Association
- 2) The Kobe Chamber of Commerce and Industries
- 3) Kobe University
- 4) Kobe Customs House, Ministry of Finance

6. REMARKS

TOURISM

TOURISM PROMOTION (SEMINAR) (観光振興セミナー)

1. PERIOD

October 2, 1986 to December 3, 1986 (2-month)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Eighteen (18)

3. QUALIFICATIONS

- 1) University graduates or equivalent
- 2) Occupational experience of more than 3 years
- 3) Presently engaged in tourism promotion activities in public tourist organizations
- 4) Between twenty five (25) and thirty five (35) years of age
- 5) Good working knowledge of English

4. DESCRIPTION OF TRAINING

- 1) Lectures, Discussions and observations
 - Tourism Policy and Administration
 - Tourism Industries
 - Tourism Promotion Activities
 - Reception Services for Foreign Tourists
 - Tourism Manpower Development
- 2) Presentation and Discussion on Tourism Promotional Activities of the Participating Countries
- 3) Observation tours

5. FACILITIES AND INSTITUTIONS

- 1) Tourism Department, Ministry of Transport
- 2) Japan National Tourist Organization

6. REMARKS

HUMAN RESOURCES

SUPERVISORY TRAINING SEMINAR (監督者訓練セミナー)

1. PERIOD

May 8, 1986 to July 3, 1986 (2-month)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Fifteen (15)

3. QUALIFICATIONS

- 1) University graduates or equivalent
- 2) Concerned with planning and conducting of supervisory training
- 3) Between 30 and 50 years of age
- 4) Good working knowledge of English

4. DESCRIPTION OF TRAINING

- 1) Lectures and practical training
 - Introduction to administration system, industry and labour situation in Japan
 - Introduction to supervisory training in Japan (Methods of supervisory training, foreman training, middle management training)
 - Presentation of country report and discussion on the problems of supervisory training in participating countries
- 2) Observation tours

5. FACILITIES AND INSTITUTIONS

- 1) Hachioji International Training Centre, JICA
- 2) Human Resources Development Bureau, Ministry of Labour

6. REMARKS

VOCATIONAL TRAINING (SEMINAR) (職業訓練セミナー (I))

1. PERIOD

August 21, 1986 to October 17, 1986 (2.5-month)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Fifteen (15)

3. QUALIFICATIONS

- 1) Engaged in management of vocational training centre or in vocational training administration at the ministerial level
- 2) Between 30 and 45 years of age
- 3) Good working knowledge of English

4. DESCRIPTION OF TRAINING

- 1) Lectures
 - Outline of vocational training system
 - Training standards and curriculum
 - Training materials
 - Trade skill test system
 - Vocational training in enterprise
 - Management of vocational training centre
- 2) Discussion on the problems of vocational training in the participating countries
- 3) Observation tours

5. FACILITIES AND INSTITUTIONS

- 1) Hachioji International Training Centre, JICA
- 2) Vocational Training Bureau, Ministry of Labour

6. REMARKS

VOCATIONAL TRAINING ADMINISTRATION (SEMINAR) (職業訓練セミナー〔Ⅱ〕)

1. PERIOD

February 12, 1987 to March 25, 1987 (1.5--month)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Twelve (12)

3. QUALIFICATIONS

- 1) Presently engaged in the Vocational Training Administration as senior-class official next to the highest official
- 2) Between 30 and 45 years of age
- 3) Good working knowledge of English

4. DESCRIPTION OF TRAINING

- 1) Lectures and practical training
 - Outline of Present Situation of Industry and Labour
 - Vocational Training Administration System
 - Vocational Training System in Enterprises
 - Trade Skill Test System
 - Vocational Education Policy
 - Employment Policy
- 2) Observation
 - Facilities and institutions of Vocational Training
 - Small and intermediate enterprises and typical Japanese industries
- 3) Country report presentation, Comparative study and discussion

5. FACILITIES AND INSTITUTIONS

- 1) *Hachioji International Training Centre, JICA*
- 2) Human Resources Development Bureau, Ministry of Labour

6. REMARKS

No. 190-1

VOCATIONAL TRAINING INSTRUCTORS
(MACHINERY TRADE) (職業訓練指導員(建築))

1. PERIOD

April 17, 1986 to March 19, 1987 (11-month)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Eight (8)

3. QUALIFICATIONS

- 1) Presently working, as a vocational teacher or instructor in the trade
- 2) Technical knowledge equivalent to college or university level
- 3) Occupational experience of more than three years
- 4) Between 25 and 40 years of age
- 5) Good working knowledge of English

4. DESCRIPTION OF TRAINING

- 1) Lectures and practical training
 - Strength of materials
 - Metals and metal technology
 - Machine tools
 - Mechanical processing
 - Measuring and testing
 - Introduction of Servo System
 - Machine tool operation
 - Nontraditional mechanical processing practice
 - Mechanical Engineering experiments
- 2) Observation tours

5. FACILITIES AND INSTITUTIONS

- 1) Hachioji International Training Centre, JICA
- 2) Institute of Vocational Training

6. REMARKS

No. 190-2

VOCATIONAL TRAINING INSTRUCTORS
(PLASTIC WORKING AND WELDING ENGINEERING) (職業訓練指導員 [塑性加工科溶接科])

1. PERIOD

April 17, 1986 to March 19, 1987 (11-month)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Eight (8)

3. QUALIFICATIONS

- 1) Presently working, as a vocational teacher or instructor in the trade
- 2) Technical knowledge equivalent to college or university level
- 3) Occupational experience of more than three years
- 4) *Between 25 and 40 years of age*
- 5) Good working knowledge of English

4. DESCRIPTION OF TRAINING

- 1) Lectures and practical training
 - Gas welding and cutting
 - Manual arc welding
 - *Automatic and semiautomatic welding*
 - Welding design, mechanics of welding
 - Welding procedures
 - Stress measurement
 - Experiments on welding
- 2) Observation tours

5. FACILITIES AND INSTITUTIONS

- 1) Hachioji International Training Centre, JICA
- 2) Institute of Vocational Training

6. REMARKS

VOCATIONAL TRAINING INSTRUCTORS
(ELECTRONIC TRADE) (職業訓練指導員(電子))

1. PERIOD

April 17, 1986 to March 19, 1987 (11-month)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Six (6)

3. QUALIFICATIONS

- 1) Presently working, as a vocational teacher or instructor in the trade
- 2) Technical knowledge equivalent to college or university level
- 3) Occupational experience of more than three years
- 4) Between 25 and 40 years of age
- 5) Good working knowledge of English

4. DESCRIPTION OF TRAINING

- 1) Lectures and practical training
 - Electronic components
 - Automatic control
 - High frequency measurements
 - TV engineering
 - Computers
 - Radio wave *propagation and antenna engineering*
 - Information and telecommunications
 - Electronic circuits; digital and analog
 - Electronic circuits
 - Transistor radio
 - TV receiver
 - Computer
- 2) Observation

5. FACILITIES AND INSTITUTIONS

- 1) Hachioji International Training Centre, JICA
- 2) Institute of Vocational Training

6. REMARKS

VOCATIONAL TRAINING INSTRUCTORS
(ELECTRICAL TRADE) (職業訓練指導員(電氣))

1. PERIOD

April 17, 1986 to March 19, 1987 (11-month)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Ten (10)

3. QUALIFICATIONS

- 1) Presently working, as a vocational teacher or instructor in the trade
- 2) Technical knowledge equivalent to college or university level
- 3) Occupational experience of more than three years
- 4) Between 25 and 40 years of age
- 5) *Good working knowledge of English*

4. DESCRIPTION OF TRAINING

- 1) Lectures and practical training
 - Electrical wiring construction
 - Illumination engineering
 - Design of wiring works
 - Power electronics
 - Theories of electrical machinery
 - Design of electrical machinery
 - *Electrical power engineering*
 - General concept of automatic control
 - Electrical wiring practice
 - Practice of sequence control
 - Electrical machinery practice
 - Electrical measurement
 - Power electronics
- 2) Observation tours

5. FACILITIES AND INSTITUTIONS

- 1) Hachioji International Training Centre, JICA
- 2) Institute of Vocational Training

6. REMARKS

VOCATIONAL TRAINING INSTRUCTORS
(WOOD WORKING TRADE) (職業訓練指導員(木材加工))

1. PERIOD

April 17, 1986 to March 19, 1987 (11-month)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Six (6)

3. QUALIFICATIONS

- 1) Presently working, as a vocational teacher or instructor in the trade
- 2) Technical knowledge equivalent to college or university level
- 3) Occupational experience of more than three years
- 4) Between 25 and 40 years of age
- 5) Good working knowledge of English

4. DESCRIPTION OF TRAINING

- 1) Lectures and practical training
 - Design section
 - Furniture design process
 - Construction of furniture
 - System of coloring
 - Basic design, drafting and drawing
 - Material section
 - Wood basis materials
 - Gluing and plywood
 - Material testing
 - System in production section
 - Mechanical processing
 - Hand processing
 - Painting techniques
- 2) Observation tours

5. FACILITIES AND INSTITUTIONS

- 1) Hachioji International Training Centre, JICA
- 2) Institute of Vocational Training

6. REMARKS

VOCATIONAL TRAINING INSTRUCTORS
(AUTOMOTIVE TRADE) (職業訓練指導員(運輸装置))

1. PERIOD

April 17, 1986 to March 19, 1987 (11--month)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Six (6)

3. QUALIFICATIONS

- 1) Presently working, as a vocational teacher or instructor in the trade
- 2) Technical knowledge equivalent to college or university level
- 3) Occupational experience of more than three years
- 4) Between 25 and 40 years of age
- 5) Good working knowledge of English

4. DESCRIPTION OF TRAINING

- 1) Lectures and practical training
 - Internal combustion engines
 - Automobile engineering I
 - Automobile engineering II
 - Automobile air-conditioning
 - Automobile mechanism I
 - Automobile mechanism II
 - Repair and performance test of automobiles
 - Repair and performance test of engines
- 2) Observation tours

5. FACILITIES AND INSTITUTIONS

- 1) Hachioji International Training Centre, JICA
- 2) Institute of Vocational Training

6. REMARKS

VOCATIONAL TRAINING INSTRUCTORS
(ARCHITECTURE) (職業訓練指導員〔建築〕)

1. PERIOD

April 17, 1986 to March 19, 1987 (11-month)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Six (6)

3. QUALIFICATIONS

- 1) Presently working, as a vocational teacher or instructor in the trade
- 2) Technical knowledge equivalent to college or university level
- 3) Occupational experience of more than three years
- 4) Between 25 and 40 years of age
- 5) Good working knowledge of English

4. DESCRIPTION OF TRAINING

- 1) Lectures and practical training
 - Architectural design
 - Structure and mechanics
 - Material and practice
 - Material testing
 - Experiments on building construction
 - Practice of building construction
 - Design and drawing
 - Training at building site or, architectural design firm, etc.
- 2) Observation tours

5. FACILITIES AND INSTITUTIONS

- 1) Hachioji International Training Centre, JICA
- 2) Institute of Vocational Training

6. REMARKS

HIGHLY SKILLED MACHINIST (上級技能者訓練)

1. PERIOD

April 3, 1986 to March 16, 1987 (12-month)

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 30 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 Computer
- 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

HIGH TECHNOLOGY RESEACH COURSE (職業訓練大学校研究課程)

1. PERIOD

September 29, 1986 to December 20, 1986

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Five (5)

3. QUALIFICATIONS

- 1) Be presently in engaged in an engineering field at university, college, institute, vocational training centre or enterprise as a professor, teacher, instructor, or engineer,
- 2) Be graduates from the faculty of engineering at a university or the graduate school
- 3) Good working knowledge of English

4. DESCRIPTION OF TRAINING

- 1) Lectures and practical training
 - (a) Grinding Engineering
Comperative Study of WA Grinder and CBN Wheel
 1. Mechanical difference of WA grinder of and CBN wheel
 2. Difference of the two methods, in terms of trueing, dressing, etc
 3. Measurement of resistance, vibration, surface roughness, etc
 4. Use of such measuring instruments as grinder, scanning type electronic microscope, etc
 - (b) Automotive Engineering
 1. Performance test of vehicles by way of, chasis dynamometer, dynamic wheel alignment tester, and other testing instruments
 2. On--road performance tests
 - (c) Degital Control Engineering
study of Degital Control of Small DC motor
 1. Research and designing
 2. Assembly and testing
 3. Report making

5. FACILITIES AND INSTITUTIONS

- 1) Hachioji International Training Centre, TIC
- 2) Vocational Training Bureau, Ministry of Labour

6. REMARKS

DIE AND MOLD MAKING TECHNOLOGY (金型工作技術)

1. PERIOD

April 3, 1986 to March 16, 1987 (12--month)

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. 194

AUDIO VISUAL TECHNOLOGY (General) (視聽覺技術(一般))

1. PERIOD

January 8, 1987 to July 6, 1987 (6-month)

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 thirty (30) years of age,
- 4) Have a sufficient command of spoken and written English

4. DESCRIPTION OF TRAINING

- 1) Lectures and practical training
- Production, Utilization and evaluation method using Audio Visual Media (Photograph, Slide, 16mm, OHP, Printing, Video, etc.)
- 2) Observation tour

5. FACILITIES AND INSTITUTIONS

Okinawa International Center (OIC), JICA

6. REMARKS

No. 195

AUDIO VISUAL TECHNOLOGY
(for Technical Cooperation Projects) (視聴覚技術 (専修))

1. PERIOD

June 26, 1986 to December 26, 1986 (6-month)

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 in agriculture and nursing training 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 thirty (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
 - Audio
- 3) Others
 - General Orientation
 - Japanese Language
 - Study Tour
 - Finalization

5. FACILITIES AND INSTITUTIONS

Okinawa International Centre (OIC), JICA

6. REMARKS

SCIENCE AND CULTURE

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

1. PERIOD

April 7, 1986 to June 14, 1986 (2.5-month)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Eight (8)

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
- Microwave Imaging
- Sensor & Platforms
- Japanese Landsat Ground Station
- Image Processing System
- Remote Sensing System and Ground Truth
- 3D Representation & Measurement
- Introduction to Imaging Science
- 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
- Analog Processing for Remote Sensing
- Manual of Analog Processing Workshop for Training
- Microcomputer System and Programming
- Brief Description of Multispectral Image Processing
- Remote Sensing Data Processing System of RESTEC

2) Ground Truth Investigation

3) Practical Training and Discussion

4) Report Making

5) Observation tours

5. FACILITIES AND INSTITUTIONS

Remote Sensing Technology Centre of Japan (RESTEC)

6. REMARKS

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

1. PERIOD

August 18, 1986 to September 29, 1986 (2-month)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Eleven (11)

3. QUALIFICATIONS

- 1) Scientists and/or technicians who have experience in the works on environmental radiation or radioactivity for five years and over,
- 2) Have been actively engaged in the concerned fields and to be able to continue the works to put their obtained techniques or knowledges to the practical use after the course,
- 3) Under 45 years of age
- 4) Good working knowlege of English

4. DESCRIPTION OF TRAINING

- 1) Lectures
-Basic and general radiology, radiation diagnosis, radiation therapy
- 2) Clinical study and training
-Combined treatment of radiotherapy, surgery and chemotherapy (systematic multi-modal treatment) for the head and neck cancer
-Practice of treatment using RALSTRON (Remote after Loading High Dose Rate Intracavitary Irradiation) unit, planning, decision of treatment modalities, and follow up for the patient of carci--noma of the uterine cervix.
-Radiation treatment planning using X--ray CT.
-Radiation therapy in multio disciplinary treatment of cancers and hyperthermia, and diagnostic technology for radiation therapy (digestive organ using X--ray and endoscopy.)
- 3) Observation trips

5. FACILITIES AND INSTITUTIONS

National Institute of Radiological Sciences

6. REMARKS

BIOTECHNOLOGY (研究開発技術)

1. PERIOD

January 26, 1987 to January 24, 1988 (12-month)

2. NUMBER OF PARTICIPANTS TO 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) Technical Training (Part 1)
 - a. Gene Technology
 - b. Micro biology
 - c. Phytochemistry
- 3) Technical Training (Part 2)
 - a. Lectures by RIKEN scientists and professors of major universities in Japan
 - b. Technical Training
 - c. Visit to major facilities of RIKEN and study tour

5. FACILITIES AND INSTITUTIONS

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

6. REMARKS

Each participant is requested to prepare and bring the report (typewritten) on the following themes (each within 5 pages) and submit it to JICA on their arrival in Japan.

- A. General Outlook of the Biotechnology in My Country
- B. Outline of My Research Experience

MEDICAL TREATMENT

TUBERCULOSIS CONTROL (結核対策)

1. PERIOD

June 16, 1986 to October 17, 1986 (4.5-month)

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 of leprosy
 - 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-Tuberculosis Association(JATA)

6. REMARKS

No. 200

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

1. PERIOD

May 6, 1986 to June 15, 1986 (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

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

1. PERIOD

September 29, 1986 to February 6, 1987 (4.5-month)

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-Tuberculosis Association (JATA)

6. REMARKS

Japanese Language Course is arranged for three weeks.

CLINICAL ONCOLOGY (がん対策)

1. PERIOD

August 14, 1986 to December 15, 1986 (4.5—month)

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) Good working knowledge of English

4. DESCRIPTION OF TRAINING

- 1) Lectures and practical training
 - Outline of cancer control in Japan
 - Hospital cancer registry
 - Epidemiology
 - Anatomical and clinical pathology
 - X-ray diagnosis of cancer
 - Endoscopic diagnosis
 - Radiotherapy
 - Chemotherapy
 - Surgical operation and anesthesia
 - Radioisotope
- 2) Observation tours

5. FACILITIES AND INSTITUTIONS

National Cancer Center

6. REMARKS

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

1. PERIOD

January 8, 1987 to March 4, 1987 (2.5-month)

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*
— Various subjects involved in this field
- 2) Observation tours

5. FACILITIES AND INSTITUTIONS

Medical Association for Early Gastric Cancer Detection

6. REMARKS

MICROBIAL DISEASES STUDY (微生物病研究)

1. PERIOD

April 3, 1986 to March 16, 1987 (12-month)

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
 - Immunochimistry
 - 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

MEDICAL RADIOGRAPHY (医療放射線技術)

1. PERIOD

December 4, 1986 to June 7, 1987 (7-month)

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 organizations
- 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

NATIONAL HEALTH ADMINISTRATION (SEMINAR) (衛生行政セミナー)

1. PERIOD

April 3, 1986 to May 2, 1986 (1-month)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Fourteen (14)

3. QUALIFICATIONS

- 1) Medically qualified directors of top ranking administrators of the national government taking charge of health administration
- 2) In a position to participate in planning and deciding national health administration policy
- 3) Good working knowledge of English

4. DESCRIPTION OF TRAINING

- 1) Lectures
 - National Health Administration
 - Health Care and Medical System
 - Communicable Disease Control
 - Nutrition and Health Promotion
 - Community Health
 - Maternal & Child Health
 - School Health
 - Chronic Disease Control
 - Mental Health
 - Pharmaceutical Affairs
 - Social Security
 - Senile Health
 - Environmental Health
 - Health Economics
- 2) Observation tours
 - Welfare study in local community

5. FACILITIES AND INSTITUTIONS

- 1) Hachioji International Training Centre
- 2) Ministry of Health and Welfare
- 3) International Medical Foundation of Japan

6. REMARKS

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

1. PERIOD

September 16, 1986 to December 9, 1986 (3-month)

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

COUNTERMEASURES AGAINST RENAL FAILURE (腎不全対策)

1. PERIOD

August 18, 1986 to October 3, 1986 (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

PARASITE CONTROL ADMINISTRATION FOR SENIOR OFFICERS (SEMINAR)

(寄生虫予防指導者セミナー)

1. PERIOD

January 19, 1987 to February 14, 1987 (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

NURSING ADMINISTRATION (看護管理)

1. PERIOD

June 12, 1986 to December 14, 1986 (6--month)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Seven (7)

3. QUALIFICATIONS

- 1) Completed Training Course in Advanced Nursing from 1976 to 1982, or Advanced Nursing Study Course for Southeast Asian Nurses from 1974 to 1983, or equivalent.
- 2) Presently engaged in nursing administration or expected to engage in future
- 3) A sufficient Command of spoken and written English and Japanese

4. DESCRIPTION OF TRAINING

- 1) Japanese Language
- 2) Lectures and practical training in Nursing Administration
- 3) Study Tours

5. FACILITIES AND INSTITUTIONS

The International Nursing Foundation of Japan (INFJ)

6. REMARKS

Conducted Every Other Year

SPECIALIZED NURSING (専門看護)

1. PERIOD

September 29, 1986 to July 28, 1987 (10--month)

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 promising 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 resource 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.

CARDIOVASCULAR DISEASES (循環器病対策)

1. PERIOD

September 4, 1986 to December 15, 1986 (3.5—month)

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.

GASTROINTESTINAL PATHOLOGY (消化管病理学)

1. PERIOD

August 25, 1986 to November 14, 1986 (3-month)

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

5. FACILITIES AND INSTITUTIONS

- 1) University of Tsukuba
- 2) Tsukuba International Centre, JICA

6. REMARKS

PUBLIC HEALTH TECHNOLOGIST (公衆衛生技術者)

1. PERIOD

June 26, 1986 to March 30, 1987 (9.5--month)

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 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 | <ul style="list-style-type: none"> — Analysis of drinking water — Detection of pesticide residues in food |
| 2) Intensive Japanese Language | |
| 3) Group Training <ul style="list-style-type: none"> — Programme Orientation — General introduction of Okinawa — Study Tour | (3) Infectious Diseases <ul style="list-style-type: none"> — Diagnostic procedures for bacterial infections isolation, identification and serological test — Diagnostic procedures for viral infections isolation and serological examination |
| 4) Individual Training Programme <ol style="list-style-type: none"> (1) Environmental Pollution <ul style="list-style-type: none"> — Water Pollution — Chemical and instrumental analysis of air pollution — Odor — Noise and Vibration (2) Food Hygiene <ul style="list-style-type: none"> — Qualitative and quantitative analysis of food additives — Detection of heavy metals in food | (4) Medical Entomology and Parasitology <ul style="list-style-type: none"> — Classification, identification, ecological observation and control — Laboratory examination and epidemiological investigation |
| | (5) Venomous Snake Control <ul style="list-style-type: none"> — Snake Venom and Antivenom — Eradication of 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

OCCUPATIONAL HEALTH (産業医学)

1. PERIOD

September 4, 1986 to December 12, 1986 (3-month)

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
 - Occupational 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) Keitai Rosai Hospital

6. REMARKS

RESEARCH FOR TROPICAL MEDICINE (熱帯医学研究)

1. PERIOD

January 15, 1987 to October 3, 1987 (8.7-month)

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, Bacteriology, Internal Medicine.

5. FACILITIES AND INSTITUTIONS

Institute for Tropical Medicine, Nagasaki University

6. REMARKS

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

1. PERIOD

August 25, 1986 to September 22, 1986 (1-month)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Thirteen (13)

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

COMMUNITY-BASED FAMILY PLANNING STRATEGY (SEMINAR)

(家族計画組織活動セミナー)

1. PERIOD

June 30, 1986 to August 4, 1986 (1.5-month)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Thirteen (13)

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

MEDICAL AND HEALTH ASPECTS IN FAMILY PLANNING (SEMINAR)

(家族計画医学保健セミナー)

1. PERIOD

April 3, 1986 to May 2, 1986 (1-month)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Thirteen (13)

3. QUALIFICATIONS

- 1) Medical, paramedical or related professionals in charge of health and biological aspects in family planning of governments or voluntary organizations at central or provincial level
- 2) A sufficient command of spoken and written English
- 3) Between 25 and 50 years of age

4. DESCRIPTION OF TRAINING

- 1) Lectures and discussions
 - Family planning in Japan
 - Maternal and child health and family planning in Japan
 - Main theme:
 - Family planning and hospital
 - Family planning and health centre
 - Family planning and maternal and child health centre
 - Medical aspects
 - condom and other traditional methods
 - oral pill
 - IUDs, etc.
- 2) Observation tours

5. FACILITIES AND INSTITUTIONS

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

6. REMARKS

WELFARE

MENTAL RETARDATION (精神薄弱福祉)

1. PERIOD

August 25, 1986 to March 8, 1987 (6.5-month)

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.

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

1. PERIOD

July 28, 1986 to December 17, 1986 (5--month)

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

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

1. PERIOD

October 9, 1986 to November 23, 1986 (2-month)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Ten (10)

3. QUALIFICATIONS

- 1) Female
- 2) University graduates or equivalent
- 3) Presently engaged in public administration 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

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

1. PERIOD

September 22, 1986 to November 3, 1986 (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 industrial 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

LABOUR MANAGEMENT (SEMINAR) (労使関係行政セミナー)

1. PERIOD

October 23, 1986 to December 10, 1986 (2-month)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Ten (10)

3. QUALIFICATIONS

- 1) A middle class official in charge of industrial relations administration in the governmental organization
- 2) Under forty-five (45) years of age in principle
- 3) Good working knowledge of English

4. DESCRIPTION OF TRAINING

- 1) Lectures
 - Introduction to labour management
 - Function of labour organizations
 - Labour laws
 - History and present situation of industrial relations
 - Labour economics
- 2) Observation tours
 - Administrative body for industrial relations
 - Industrial relations at enterprise level
- 3) Country report presentation, comparative study and comprehensive discussion

5. FACILITIES AND INSTITUTIONS

- 1) Hachioji International Training Center, JICA
- 2) Labour Policy Bureau, Ministry of Labour
- 3) Japan Institute of Labour

6. REMARKS

LABOUR STATISTICS (SEMINAR) (労働統計セミナー)

1. PERIOD

July 10, 1986 to August 23, 1986 (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) College or university graduates or equivalent
- 3) Not more than forty--five (45)
- 4) Good working knowledge of English

4. DESCRIPTION OF TRAINING

- 1) Lectures, Discussions & Observations
 - Orientation by the Ministry of Labour
 - Outline of Labour Administration
 - Function of Statistics in Japan
 - System of Statistics in Japan
 - Population Statistics
 - Labour Force Statistics
 - Employment & Unemployment Statistics
 - Wage Statistics
 - Hours of Work Statistics
 - Industrial Relations Statistics
 - Labour Production
 - Industrial Accidents Statistics
 - Computers & Statistics
 - *Observations of Statistical Institutions & the Related Organizations, etc.*
- 2) Country Report
 - Exchange of information and discussion on the problems of labour statistics in participating countries
- 3) Study Tour

5. FACILITIES AND INSTITUTIONS

- 1) Hachioji International Training Centre, JICA
- 2) Industry and Labour Research Division, Policy Planning and Research Department, Ministry of Labour

6. REMARKS

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

1. PERIOD

September 8, 1986 to October 18, 1986 (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

