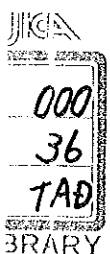


# Outline of The Training Courses in Japan

(昭和62年度 特設コース コース概要)

1987 Japanese Fiscal Year (April, 1987 to March, 1988)

Japan International Cooperation Agency (JICA)  
Tokyo, Japan



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国際協力事業団

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## INTRODUCTION

This brochure is prepared to introduce the summary of content of the working plans of training courses which has been organized under ad hoc basis for participants from developing countries, as part of Japan's technical cooperation programmes for the fiscal year of 1987.

Copies of "INFORMATION" on the details of those training courses are scheduled to be provided later, however, prior to the forwarding of copies of the said "INFORMATION", it is earnestly hoped that this brochure will be useful for your understanding the outlines of those training courses.

Director,  
Training Affairs Department,  
Japan International Cooperation Agency (JICA)

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# - CONTENTS -

T-1	Intensive Japanese Language for Technical Cooperation (A) . . . . .	1
	日本語専修 (A)	
T-2	The Introduction of International Cooperation Activities . . . . .	2
	国際協力事業紹介セミナー	
T-3	Crime Prevention and Treatment of Offenders (Evaluation of Unafeis Courses and Drug Problems in Asia) 犯罪防止 (麻薬問題) . . . . .	3
T-4	Middle Management by Private Sector for Pacific Cooperation . . . . .	4
	太平洋協力民間中堅実務	
T-5	Investment Promotion (Seminar) . . . . .	5
	投資促進セミナー	
T-6	Biological Products Technology . . . . .	6
	生物製剤技術	
T-7	Improvement of Housing & Living Environment . . . . .	7
	住宅・住環境改善セミナー	
T-8	Intensive Japanese Language for Technical Cooperation (B). . . . .	8
	日本語専修 (B)	
T-9	Rehabilitation of Physically Disabled Persons . . . . .	9
	障害者リハビリテーション指導者	
T-10	Operation and Maintenance of Coal-Fired Thermal Power Engineering. . . . .	10
	石炭火力発電	
T-11	Postal Saving Executives' . . . . .	11
	郵便貯金幹部セミナー	
T-12	Leadership of Physically Disabled Persons . . . . .	12
	障害者リハビリテーション指導者 (身体障害者コース)	
T-13	Food Microbial Control . . . . .	13
	食品微生物検査技術	
T-14	Coal Mining and Preparation . . . . .	14
	採炭・選炭技術	
T-15	Nuclear Power Generation. . . . .	15
	原子力発電	
T-16	Pediatrics and Pediatric Surgery . . . . .	16
	小児専門医療	
T-17	Electronic Data Processing for Government Information Activities . . . . .	17
	行政情報システム	
T-18	Inspection and Testing Technique for Electric Home Appliances . . . . .	18
	電気製品検査技術	
T-19	Seminar on Administration of Nuclear Safety . . . . .	19
	原子力安全規制行政セミナー	

T-20	Maintenance Engineering for Medical Equipment (X-Ray Apparatus) . . . . .	20
	医療機器保守管理技術	
T-21	Fish Physiology and Prevention of Epizootics . . . . .	21
	魚類生理・防疫	
T-22	Production Du Riz. . . . .	22
	米生産（仏）	

No. T-1

INTENSIVE JAPANESE LANGUAGE FOR TECHNICAL COOPERATION (A)

(日本語専修(A))

1. PERIOD

April 2, 1987 to September 28, 1987

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Ten (10)

3. QUALIFICATIONS

- (1) The counterpart of the overseas project conducted by JICA
- (2) Be engineer, senior INSTRUCTOR or equivalent,
- (3) Presently engaged directly or indirectly in vocational field or in other technological field,
- (4) Be university graduates or have the equivalent academic background.
- (5) Have a sufficient command of spoken and written English
- (6) Be in good health, both physically and mentally, to undergo the training.

4. DESCRIPTION OF TRAINING

1. Common Japanese
2. Subject area-wise Japanese
3. Specialized subject-wise Japanese
4. Evaluation of Japanese language ability
5. Field trip

5. FACILITIES AND INSTITUTIONS

Okinawa International Centre (OIC)

6. REMARKS

No. T-2

**THE INTRODUCTION OF INTERNATIONAL COOPERATION ACTIVITIES**

( 国際協力事業紹介セミナー )

**1. PERIOD**

July 7, 1987 to July 18, 1987

**2. NUMBER OF PARTICIPANTS TO BE RECEIVED**

Ten (10)

**3. QUALIFICATIONS**

1. Be officials in the rank of Director of Division in charge of International Cooperation Programme at the Central Government,
2. Have a sufficient command of spoken and written English, and
3. Be healthy enough to undergo the course of seminar. Pregnancy is regarded as a disqualifying condition for participation in the seminar.

**4. DESCRIPTION OF TRAINING**

1. Explanation of International Technical Cooperation (JICA)
2. Visit to the Ministry of Foreign Affairs
3. Observation of Major Training Facilities
4. Observation Trip (Typical industries etc.)
5. Exchange of the opinions concerning the International Technical Cooperation

**5. FACILITIES AND INSTITUTIONS**

Japan International Cooperation Agency

**6. REMARKS**



**No. T-3**

**CRIME PREVENTION AND TREATMENT OF OFFENDERS (EVALUATION OF UNAFEI COURSES AND DRUG PROBLEMS IN ASIA) (犯罪防止(麻薬問題))**

**1. PERIOD**

August 25, 1987 to September 21, 1987

**2. NUMBER OF PARTICIPANTS TO BE RECEIVED**

Fourteen (14)

**3. QUALIFICATIONS**

Applicants should:

- (1) Be a senior administrator or equivalent at the decision-making level in the field of prevention of crime and treatment of offenders having previously participated in an International Seminar/Training Course at UNAFEI during the period: from September 1973 to March 1984, except the 37th International Seminar (2 to 27 July, 1974). Nominees must be active in the field at the present and for the foreseeable future
- (2) Be aged over forty years and be considered in every way a fit and proper representative at senior government level capable of representing his/her country and former UNAFEI participants with a view to authoritative involvement in any decision-making involving recommendations for the planning of future guidelines for activities at UNAFEI
- (3) Be considered as a fit representative of UNAFEI Alumni who hold a responsible position and actively participate in the UNAFEI Alumni Association in their respective countries
- (4) Have a sufficient command of English, both spoken and written
- (5) Be in good health, both physically and mentally to undergo the seminar. Pregnancy is regarded as a disqualifying condition for participation in the seminar.

**4. DESCRIPTION OF TRAINING**

The following items will be mainly discussed in the Seminar:

1. Evaluation of UNAFEI training/seminar courses and other activities
2. Suggestions for further improvement of UNAFEI activities
3. role and functions of a UNAFEI Alumni Association in the respective countries
4. Implementation modalities of the 23 recommendations adopted by the International Seminar on Drug Problems in Asia and the Pacific.

**5. FACILITIES AND INSTITUTIONS**

United Nations Asia and Far East Institute for the Prevention of Crime and the Treatment of Offenders (UNAFEI)

**6. REMARKS**

**MIDDLE MANAGEMENT BY PRIVATE SECTOR FOR  
PACIFIC COOPERATION** (太平洋協力民間中堅実務)

**1. PERIOD**

September 1, 1987 to October 10, 1987

**2. NUMBER OF PARTICIPANTS TO BE RECEIVED**

Twenty (20)

**3. QUALIFICATIONS**

Applicants should:

- (1) be selected by Chairman of the PBEC National Committee and be nominated by their government in accordance with the procedures (in the countries where PBEC National Committees are not established, the government will select and nominate applicants),
- (2) be middle management of private companies or of government-related organizations excluding government officials,
- (3) be university graduates or equivalents,
- (4) have more than three(3) years of practical experience in the field,
- (5) have a sufficient command of spoken and written English,
- (6) be under fifty (50) years of age,
- (7) be in good health, both physically and mentally, to undergo the training.

**4. DESCRIPTION OF TRAINING**

- (1) Seminar Programme Relating to Pacific Cooperation  
(All trainees will attend)
  - Representatives of the PBEC Japan Member Committee and others will give presentations on overall Pacific Cooperation.
  - An explanation on the general state of the Japanese economy will be given.
  - Country report
  - Visit to economic organizations
- (2) Practical Training Programme  
The following 4 courses will be set up, and there will be training by each group
  - Medium and Small-Scale Industries Management Course
  - Financial Training Course
  - Trade Training Course
  - Information and Telecommunications Training Course (this course will be divided into two courses)
    - Information Course
    - Telecommunications General Management Course
- (3) Field Trip
  - The trainees will visit high-tech plants

**5. FACILITIES AND INSTITUTIONS**

PBEC Japan Member Committee, The Tokyo Chamber of Commerce and Industry

**6. REMARKS**

No. T-5

INVESTMENT PROMOTION (SEMINAR) (投資促進セミナー)

1. PERIOD

September 3, 1987 to October 2, 1987 (1 month)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Fifteen (15)

3. QUALIFICATIONS

- 1) University graduates or the equivalent
- 2) Senior officials of governmental or semi governmental organizations, or equivalents in economic promotion organizations
- 3) Under 45 years of age
- 4) Good working knowledge of English

4. DESCRIPTION OF TRAINING

- 1) Lectures and Discussion  
Purpose: To learn Japan's overseas investment promotion policy and measures with special relevance to the organizations conducting direct investment promotion.
  - (1) Outline of Japan's Overseas Direct Investment
  - (2) Japanese Government Action to Promote Overseas Direct Investment
  - (3) Promotion for Overseas Direct Investment by other organizations
- 2) Country Report  
Purpose: To analyze present situation and incentives of the participating countries and discuss the problems among participatings tutored by the expert of global trade and investment problems
  - (1) Investment incentives in participating country
  - (2) Future programs in the promotion of the overseas investment to participating country
- 3) Problems in the promotion of the oversea direct investment  
Purpose: To analyze the problems hindering the international investment and search for the future plans of incentives to improve direct investment to the participating countries.
  - (1) Legislative Problems
  - (2) Improvement of Infrastructure
  - (3) Managerial Problems in multinational Enterprises
- 4) Field Trips

5. FACILITIES AND INSTITUTIONS

World Trade Centre of Japan (WTC)

6. REMARKS

No. T-6

**BIOLOGICAL PRODUCTS TECHNOLOGY (生物製剤技術)**

**1. PERIOD**

September 3, 1987 to December 22, 1987 (3.5 months)

**2. NUMBER OF PARTICIPANTS TO BE RECEIVED**

Six (6)

**3. QUALIFICATIONS**

- 1) be college or university graduate or have the equivalent knowledge,
- 2) be under 35 years of age, and have occupational experience of more than three years in developing and manufacturing biological products,
- 3) be engaged in the same field after return to their countries,
- 4) have a sufficient command of spoken and written English,

**4. DESCRIPTION OF TRAINING**

- (1) Orientation . . . . . 1 week
  - (i) Briefing of rules and regulation of JICA
  - (ii) Explanation of the training programme
  - (iii) Introduction of Vaccine in Japan
- (2) Specialized Training (Individual) . . . . . 10 weeks
- (3) Observation and study tours . . . . . 1 week

**5. FACILITIES AND INSTITUTIONS**

The Research Foundation for Microbial Diseases of Osaka University

**6. REMARKS**

IMPROVEMENT OF HOUSING & LIVING ENVIRONMENT

(住宅・住環境改善セミナー)

1. PERIOD

From September 17, 1987 to October 21, 1987

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Ten (10)

3. QUALIFICATIONS

Applicants should

- 1) be nominated by their government in accordance with the procedures mentioned below,
- 2) be experienced officials in charge of executing various developmental projects on housing and living environments,
- 3) be between thirty and forty-five years of age,
- 4) be university graduates or equivalents
- 5) have a sufficient command of spoken and written English,
- 6) be in good health, both physically and mentally to undergo the training. Pregnancy is regarded as disqualified from the participation in the course

4. DESCRIPTION OF TRAINING

- 1) Lectures
  - a. Housing problems and countermeasures in Japan
  - b. Developmental projects on housing and living environment
  - c. History of the housing policy and technological development in Japan
  - d. Rural development in housing and living environment
- 2) Special discussion based upon Country Report
- 3) Group study
- 4) Observation tours

5. FACILITIES AND INSTITUTIONS

Ministry of Construction  
The Building Center of Japan

6. REMARKS

No. T-8

INTENSIVE JAPANESE LANGUAGE FOR TECHNICAL COOPERATION (B)

(日本語専修(B))

1. PERIOD

October 1, 1987 to May 31, 1988

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Ten (10)

3. QUALIFICATIONS

- (1) The counterpart of the overseas project conducted by JICA or a governmental officer in charge of Japanese technical cooperation
- (2) Be university graduates or have the equivalent academic background.
- (3) Have a sufficient command of spoken and written English
- (4) Be in good health, both physically and mentally, to undergo the training

4. DESCRIPTION OF TRAINING

1. Common Japanese
2. Subject area-wise Japanese
3. Specialized subject-wise Japanese
4. Evaluation of Japanese language ability
5. Field trip

5. FACILITIES AND INSTITUTIONS

Okinawa International Centre (OIC)

6. REMARKS

**REHABILITATION OF PHYSICALLY DISABLED PERSONS**

( 障害者リハビリテーション指導者 )

**1. PERIOD**

October 5, 1987 to November 22, 1987 (1.6 month)

**2. NUMBER OF PARTICIPANTS TO BE RECEIVED**

Ten (10)

**3. QUALIFICATIONS**

- (1) be nominated by their government in accordance with the procedures mentioned in B-2 below,
- (2) be a rehabilitation expert with experience of more than three years, such as social worker, rehabilitation consular, therapist, vocational skill instructor, teacher, workshop manager, and trainer in other fields of rehabilitation for physically disabled persons (except medical doctors and nurses),
- (3) have a sufficient command of spoken and written English,
- (4) be not less than twenty-five (25), and not more than forty (40) of age,
- (5) be in good health to undergo the course of training. Applicants with disabilities must be independent in activities of daily living and in moving. (No attendant available.) Pregnancy is regarded as a disqualifying condition for participation in the course.

**4. DESCRIPTION OF TRAINING**

- 1) Lecture
  - Medical and Vocational Rehabilitation Services
  - Services for Disabled Persons Provided by Local Government
  - General School System and Special Education
  - Other Programmes
- 2) Individualized Training
  - Occupational Therapy and Physical Therapy
  - Management of Sheltered Workshops
  - Rehabilitation Social Work
- 3) Observation Tour
  - Services of Prefectural Government
  - The National Sports Meeting of Disabled Persons (Okinawa Prefecture)

**5. FACILITIES AND INSTITUTIONS**

Japanese Society for Rehabilitation of the Disabled

**6. REMARKS**

No. T-10

**OPERATION AND MAINTENANCE OF COAL-FIRED THERMAL  
POWER ENGINEERING (石炭火力発電)**

**1. PERIOD**

October 8, 1987 to December 4, 1987

**2. NUMBER OF PARTICIPANTS TO BE RECEIVED**

Five (5)

**3. QUALIFICATIONS**

- 1) Technical college graduates or equivalent
- 2) Qualified in their respective fields (Electrical and 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
  - Construction, operation and maintenance of coal-fired thermal power station
  - Countermeasures for environmental preservation
- 2) Observation tours
  - Various types of power station
  - Coal-fired thermal power stations
  - Manufacturers of equipments related to Coal Fired Thermal Power Industry

**5. FACILITIES AND INSTITUTIONS**

- 1) Japan Electric Power Information Centre, Inc.
- 2) Electric Power Development Co., Ltd.

**6. REMARKS**



No. T-11

POSTAL SAVING EXECUTIVES' (郵便貯金幹部セミナー)

1. PERIOD

October 25, 1987 to November 8, 1987

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Eight (8)

3. QUALIFICATIONS

- 1) Directors or high-ranking officials responsible for management of postal savings in governmental or operational organizations
- 2) A sufficient command of spoken and written English

4. DESCRIPTION OF TRAINING

- 1) Lectures and discussions
  - Outline of the Postal Banking System
  - Present situation and future of the Postal Banking Services
  - Outline of the Postal Savings Service
  - Outline of the Remittance and Settlement Services
  - Postal Personnel Training of the Postal Banking Services
  - On-line system of the Postal Banking Services
  - Management of the Postal Banking Services
  - Promotion and Publicity Activities of the Postal Banking Service
  - The role of National Savings Institutions and their Problems
- 2) Observation Tours

5. FACILITIES AND INSTITUTIONS

International Service Division, Postal Savings Bureau, Ministry of Posts and Telecommunications

6. REMARKS

No. T-12

**LEADERSHIP OF PHYSICALLY DISABLED PERSONS**

(障害者リハビリテーション指導者(身体障害者コース))

**1. PERIOD**

October 26, 1987 to November 22, 1987 (1.4 month)

**2. NUMBER OF PARTICIPANTS TO BE RECEIVED**

Ten (10)

**3. QUALIFICATIONS**

- 1) be nominated by their government in accordance with the procedures mentioned in B-2 below,
- 2) be a physically disabled person who has been leader of organization of disabled persons or groups with experience of more than three years,
- 3) have a sufficient command of spoken and written English,
- 4) be not less than twenty-five (25), and not more than forty (40) of age,
- 5) be in good health to undergo the course of training. Applicants with disabilities must be independent in activities of daily living and in moving. (No attendant available.) Pregnancy is regarded as a disqualifying condition for participation in the course.

**4. DESCRIPTION OF TRAINING**

- 1) Lecture
  - Present situation of disabled persons in Japan
  - Service provided for the disabled in Japan
  - Disabled persons Movement
- 2) Individualized Training
  - Disabled person's organizations
  - Independent living activities
  - Disabled person's workshops.
- 3) Observation Tour
  - Disabled person's activities in local cities
  - The National Sports Meeting of Disabled Persons (Okinawa Prefecture)

**5. FACILITIES AND INSTITUTIONS**

Japanese Society for Rehabilitation of the Disabled

**6. REMARKS**

FOOD MICROBIAL CONTROL (食品微生物検査技術)

1. PERIOD

January 7, 1988 to May 4, 1988 (4 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Six (6)

3. QUALIFICATIONS

- 1) University graduates or equivalent with occupational experienced of more than 3 years in the field of food microbial control.
- 2) Under forty (40) years of age.
- 3) Good working knowledge of English.

4. DESCRIPTION OF TRAINING

- 1) Discussion on country report, programme orientation and evaluation meeting
- 2) Lectures
  - (1) Contamination of Food
  - (2) Washing, sterilizing and disinfection
  - (3) Storage of Food
  - (4) Container for food and packing
  - (5) Sanitary testing for food
  - (6) Bacteriological examination
- 3) Practice
  - (1) Measuring of colon bacillas
  - (2) Measuring of mold and yeast fungus
  - (3) Preparation of medium
  - (4) Bacteriological examination for food poisoning
- 4) Observation of private and public facilities related to food microbial control
- 5) Study tours

5. FACILITIES AND INSTITUTIONS

- 1) Hyogo International Center, JICA
- 2) Kobe Women's College of Pharmacy
- 3) Public Health Research Institute of Kobe

6. REMARKS

No. T-14

COAL MINING AND PREPARATION (採炭・選炭技術)

1. PERIOD

January 14, 1988 to March 12, 1988 (2 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Five (5)

3. QUALIFICATIONS

- 1) University graduates or the equivalent with basic knowledge of coal mining, preparation, processing or combustion technology
- 2) Qualified in their respective fields with more than five (5) years of managerial experience
- 3) Between 35 and 45 years of age
- 4) Good working knowledge of English
- 5) In good health

4. DESCRIPTION OF TRAINING

- 1) Lectures  
Policy and latest technology of coal mining, preparation, processing and combustion in Japan
- 2) Observation tours  
Visits to:
  - \* Typical collieries
  - \* Coal gasification plant
  - \* Manufacturers of related equipments
  - \* National Research Institute for Pollution and Resources
  - \* The Coal Mining Research Centre, Japan

5. FACILITIES AND INSTITUTIONS

- 1) The Coal Mining Research Centre, Japan (CMRCJ)
- 2) Institute for International Mineral Resources Development (IIMRD)

6. REMARKS

NUCLEAR POWER GENERATION (原子力発電)

1. PERIOD

January 14, 1988 to March 21, 1988 (2 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Five (5)

3. QUALIFICATIONS

- 1) University graduates or equivalent
- 2) Qualified in their respective fields (nuclear, electrical and/or mechanical engineers presently employed)
- 3) Occupational experience of more than 3 years
- 4) Be under 45 years of age
- 5) Good working knowledge of English

4. DESCRIPTION OF TRAINING

- 1) Lectures
  - Introduction
  - Characteristic features of nuclear power plant
  - Construction
  - Operation/safety management
  - Nuclear fuel cycle
- 2) Visits and observation tours
  - Nuclear power stations
  - Manufactures

5. FACILITIES AND INSTITUTIONS

- 1) Japan Electric power Information Center, Inc. (JEPIC)
- 2) The Japan Atomic Power Company (JAPC)
- 3) Agency of Natural Resources and Energy, Ministry of International Trade and Industry

6. REMARKS

**No. T-16**

**PEDIATRICS AND PEDIATRIC SURGERY (小児専門医療)**

**1. PERIOD**

January 14, 1988 to September 22, 1988 (8 months)

**2. NUMBER OF PARTICIPANTS TO BE RECEIVED**

Five (5)

**3. QUALIFICATIONS**

- 1) Licensed physicians authorized by their government
- 2) Under 35 years of age, and have occupational experience of more than two years in pediatrics or pediatrics surgery
- 3) Engaged in the same field after return to their countries
- 4) A sufficient command of spoken and written English

**4. DESCRIPTION OF TRAINING**

- 1) Japanese Language
- 2) Lectures
  - a) General Pediatrics
  - b) Pediatrics
  - c) Pediatrics Surgery(All participants are requested to have lectures on selected subjects in Pediatrics and Pediatrics Surgery irrespective of their own speciality.)
- 3) Clinical Training on Diagnosis and Treatment
  - a) Basic Training
  - b) Pediatrics
  - c) Pediatrics Surgery(All Participants are requested to select either Pediatrics or Pediatrics Surgery.)

**5. FACILITIES AND INSTITUTIONS**

National Children's Hospital

**6. REMARKS**

No. T-17

ELECTRONIC DATA PROCESSING FOR GOVERNMENT INFORMATION ACTIVITIES

(行政情報システム)

1. PERIOD

January 18, 1988 to March 16, 1988 (2 months)

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Ten (10)

3. QUALIFICATIONS

- 1) Officials who belong to
  - i) a government body responsible for overall management and coordination of GIS, being engaged in relevant works
  - ii) a government body planned to be responsible or considered to be suitable for the task mentioned above.
- 2) Knowledge and skills in data processing by computer, preferably with experiences of developing and/or managing computer systems
- 3) University graduates or have equivalent educational backgrounds
- 4) Good working knowledge of English

4. DESCRIPTION OF TRAINING

- 1) Outline of Government Information System
- 2) Methodology of Management and Coordination of GIS
- 3) Computerization of Statistics
- 4) Technology of Database
- 5) Technology of Communication Network
- 6) Office Automation
- 7) Software Development
- 8) Other Topics on Computer Technology
- 9) Presentation of Country Report
- 10) Individual or Small Group Study

5. FACILITIES AND INSTITUTIONS

Office of Administrative Information Systems, Administrative Management Bureau, Management and Coordination Agency

6. REMARKS

No. T-18

**INSPECTION AND TESTING TECHNIQUE FOR ELECTRIC HOME  
APPLIANCES**

(電気製品検査技術)

**1. PERIOD**

January 21, 1988 to March 31, 1988 (2.5 months)

**2. NUMBER OF PARTICIPANTS TO BE RECEIVED**

Five (5)

**3. QUALIFICATIONS**

- 1) Working for government inspection organizations of public institutions
- 2) University graduates, or the equivalent
- 3) Occupational experience of more than 3 years
- 4) Between 25 and 40 years of age
- 5) Good working knowledge of English

**4. DESCRIPTION OF TRAINING**

- 1) Lectures
  - Introduction to Export Inspection System
  - Summary of Sampling Inspection Method
  - Outline of Japanese Legal Requirements
- 2) Lectures and practical training
  - Technology transfer (fundamental techniques) of inspection & testing for General Electric Heaters, Illuminators, General Communication Equipment, Washing Machine, Electric fan, etc.
  - Introduction of knowledge about testing equipment
- 3) Observation tour
  - Private Enterprises

**5. FACILITIES AND INSTITUTIONS**

- 1) International Trade and Industry Inspection Institute, Ministry of International Trade and Industry (ITII)
- 2) Japan Machinery and Metals Inspection Institute (JMI)
- 3) Japan Electrical Testing Laboratory (JET)

**6. REMARKS**



**No. T-19**

**SEMINAR ON ADMINISTRATION OF NUCLEAR SAFETY**

( 原子力安全規制行政セミナー )

**1. PERIOD**

February 15, 1988 to March 14, 1988

**2. NUMBER OF PARTICIPANTS TO BE RECEIVED**

Five (5)

**3. QUALIFICATIONS**

- 1) Senior officers in charge of national nuclear safety regulation and control.
- 2) University graduates or equivalent in nuclear engineering, radiation protection or similar field and have at least five years' experience in his/her job.
- 3) A sufficient command of spoken and written English.

**4. DESCRIPTION OF TRAINING**

- 1) This seminar has two main purposes as follows:
  - a. To understand the Japanese current status of application of nuclear techniques and its nuclear safety administration which supports the development.
  - b. To understand the importance of radiation protection and radiation management and to learn the basic technique related to them.
- 2) For the above, lectures and technical visits to related facilities are planned.
- 3) Each participant is asked to make presentation on the current status of nuclear development and the safety administration system in his/her country and to make discussions each other.

**5. FACILITIES AND INSTITUTIONS**

Japan Atomic Industrial Forum

**6. REMARKS**

No. T-20

MAINTENANCE ENGINEERING FOR MEDICAL EQUIPMENT (X-ray Apparatus)

(医療機器保守管理技術)

1. PERIOD

February 15, 1988 to March 21, 1988

2. NUMBER OF PARTICIPANTS TO BE RECEIVED

Eight (8)

3. QUALIFICATIONS

- 1) University of electrical and electronic technology graduates or have the equivalent academic background
- 2) Have a personal experience of maintenance on X-ray equipment
- 3) Have thorough knowledge of two-pulse X-ray generation and combined radiographic devices
- 4) Under forty (40) years of age
- 5) Have a sufficient command of spoken and written English

4. DESCRIPTION OF TRAINING

- 1) Lecture
  - General description of X-ray generator for medical use
  - Basic theory of two peak X-ray generator
  - General description on X-ray radiographic devices
  - Troubleshooting
  - Introduction to new technology in medical imaging field
- 2) Observation tour

5. FACILITIES AND INSTITUTIONS

Japan Association for the Advancement of Medical Equipments

6. REMARKS

No. T-21

**FISH PHYSIOLOGY AND PREVENTION OF EPIZOOTICS** ( 魚類生理・防疫 )

**1. PERIOD**

March 3, 1988 to June 22, 1988

**2. NUMBER OF PARTICIPANTS TO BE RECEIVED**

Five (5)

**3. QUALIFICATIONS**

1. Be university graduates or have the equivalent academic background
2. Be presently engaged in either research or educational activity and have more than 3 years of occupational experience in this field.
3. Be not more than forty years old.
4. Have a sufficient command of spoken and written English.
5. Be in good health, both physically and mentally, to undergo the training. Pregnancy is regarded as a disqualifying condition for participation in the course.

**4. DESCRIPTION OF TRAINING**

1. Lectures, Experiment and Practical Training

Principles of Aquaculture	Bacteriology
Fish Nutrition	Fish Pathology
Water Quality Management	Prevention of Epizootics in Fish
Fish Physiology	
Pathogenic Microbiology in Fish	Others

2. Study visit

**5. FACILITIES AND INSTITUTIONS**

Simonoseki University of Fisheries

**6. REMARKS**

**PRODUCTION DU RIZ (米生産(仏))**

**1. PERIOD**

March 7, 1988 to October 29, 1988 (7.5 months)

**2. NUMBER OF PARTICIPANTS TO BE RECEIVED**

Five (5)

**3. QUALIFICATIONS**

- 1) University graduates or equivalent
- 2) Presently engaged in extension service, training of extension agents in the field of rice production
- 3) Good working knowledge of French
- 4) Under 35 years of age

**4. DESCRIPTION OF TRAINING**

- 1) Lecture
  - Rice Agronomy
  - Soil and Fertilizer
  - Plant Protection
  - Agricultural Machinery
  - Agricultural Extension
  - Land Improvement
- 2) Experiment and Field Practice
  - Nursery and Land Preparation
  - Seed Sowing and Transplanting
  - Crop Management
  - Chemical Analysis of Soil
  - Harvesting and Post Harvest
  - Group Experiment of Specific Subjects
- 3) Study Tour
  - Progressive Farmer
  - Agricultural Research Stations
  - Agricultural Machinery Manufacturer

**5. FACILITIES AND INSTITUTIONS**

Tsukuba International Agricultural Training Centre, JICA

**6. REMARKS**

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



