A1. Radiation Safety							
No	**Country (Organization)**	**Outline**	**Specification**	**Level**	**Method**	**Type**	**Priority**
1	IDN (BAPETEN)	Radiation safety		Specific	Training	Invitation	Low
2	KAZ	Radiation Safety	Physical protection	Specific	Training	Invitation	High
3	KAZ	Radiation Effect	Nuclear material and fuel properties chages during long term disposal	Specific	Knowledge acquisition	Dispatch	High
4	MYS (NM)	Emergency Preparedness & Response	To acquire knowledge on various aspects of emergency preparedness and response: • Understanding of IAEA guidelines and International Nuclear Emergency Scale • Appreciation of preparedness and response function • Local emergency preparedness and response team organization • Generic Intervention Levels • Generic Action Levels • Emergency Worker Guidelines/Guidance • Operational Intervention Levels • Urgent Protective Action • Emergency Management & Decision making techniques • Technical preparedness and response	Specific	Training	Invitation	Very High
5	MYS (NM)	Environmental & Reactor Effluent Monitoring	Reactor Gaseous Effluents and Liquid Effluents monitoring Monitoring of radio-nuclides in the environment	Specific	Training	Invitation	Very High
6	PHL	Instructor Training on Radiation Protection	To develop competent trainers who will transfer the knowledge gained to future staff of nuclear establishments	Specific	Training	Invitation	Very High
7	PHL	Emergency Preparedness and Response	To acquire hands-on experience on emergency response to enhance the capability for radiological dose assessment of a given emergency situation	Specific	Training	Invitation	Very High
8	PHL	Nuclear Instrument Maintenance	To acquire knowledge and skills on how to maintain nuclear instruments	Specific	Training	Invitation	High
9	THA (OAP)	Emergency Preparedness	preparation for NPP	Specific	Training	Invitation	High
10	THA (TINT)	Radiation Safety	computer code for atmospheric and aquatic dispersion model	Specific	Training	Invitation	High
11	THA (TINT)	environmental radiation monitoring	environmental radiation measurement and monitoring	Specific	Training	Invitation	High
12	VNM (VINATOM)	Radiation Safety	Radiation Safety System design and Radiation Control in Nuclear Facilities	Specific	Training	Dispatch	Very High
13	VNM (VINATOM)	Radiation Instrumentation and Measurement	Radiation instrument examination and calibration	Specific	Training	Dispatch	High
14	VNM (VINATOM)	Radiation Effect	Radiation desease treatment	Specific	Training	Invitation	High
15	VNM (VINATOM)	Radiological emergency preparedness and response	Formulation of radiological emergency plans, radiological exercise	Specific	Training	Invitation	High

A2. Radioactive Waste Management							
No.	**Country (Organization)**	**Outline**	**Specification**	**Level**	**Method**	**Type**	**Priority**
1	IDN (BAPETEN)	Radiation Waste Management	Treatment and Disposal	Specific	Training	Invitation	High
2	KAZ	Radioactive Waste Management	Liquid waste treatment, high active material long term disposal	Specific	Training	Invitation	High
3	MYS (NM)	Radioactive Waste Management at NPP	To acquire basic knowledge and hand-on experience on various aspect of radioactive wastes management at NPP level which include collection, treatment, conditioning and storage before send to disposal facility.	Specific	Training	Invitation	High
4	MYS (NM)	Safety assessment of near surface disposal facility	To acquire knowledge and gain experience to do safety assessment of near surface disposal facility including the use of several computer code and calculation.	Specific	Training	Invitation	Very High
5	MYS (NM)	Site characterization for near surface disposal facility	To acquire knowledge and gain hand-on experience on site haracterization of near surface disposal facility.	Specific	Training	Invitation	Very High
6	MYS (NM)	Radionuclide transport study	To acquire knowledge and gain experience on hydrogeological data assessment and transport of radionuclide.	Specific	Training	Invitation	Very High
7	MYS (NM)	Pre-disposal of Radioactive waste management	To acquire basic knowledge and hand-on experience on various aspect of pre-disposal radioactive wastes management which include collection, treatment, conditioning and storage before send to disposal facility.	Specific	Training	Invitation	Very High
8	PHL	Safety Assessment of Radwaste Disposal Facility	To enhance the capability of performing a safety assessment of a radwaste disposal facility	Specific	Training	Invitation	Very High

A2. Radioactive Waste Management							
No.	**Country (Organization)**	**Outline**	**Specification**	**Level**	**Method**	**Type**	**Priority**
9	THA (OAP)	Regulatory Framework Establishment	Establisment of Radioactive Waste Management Regulation (Waste from Non-Nuclear and Nuclear Facilities)	General	edge acq	Dispatch	Very High
10	THA (OAP)	Licensing Control	Licensing and Approval of Radioactive Waste Management Facilities (Constuction , Commissioning , Operation and Decommissioning)	Specific	Training	Invitation	Very High
11	THA (OAP)	Inspection and Sasety Assessment	OJT on Inspection and Safety Assessment of Radioactive Waste Management Facilities	Specific	Training	Invitation	Very High
12	THA (OAP)	Waste management	HLW management and disposal	General	Training	Invitation	Low
13	THA (TINT)	LLW and HLW Treatment and Disposal	treatment methods and techniques used in NPP	General	edge acq	Dispatch	High
14	VNM (VINATOM)	Radioactive Waste Management (Treatment, Disposal)	Radiactive waste treatment technology	Specific	Training	Invitation	Very High

B. Radiation and Isotope Application							
No.	**Country (Organization)**	**Outline**	**Specification**	**Level**	**Method**	**Type**	**Priority**
1	IDN (BATAN)	Radioisotope production using cyclotron	Preparation of gas and solid targets; targetery system	Specific	Training	Invitation	Very High
2	IDN (BATAN)	Radioisotope production	Preparation of sealed-sources for brachytherapy	Specific	Training	Invitation	Very High
3	IDN (BATAN)	Radiopharmaceutical production	Radiopharmacology	General	Knowledge acquisition	Dispatch	High
4	IDN (BATAN)	Radiopharmaceutical production	Organic synthesis of ligands	Specific	Research	Invitation	Very High
5	IDN (BAPETEN)	appl. for agriculture and environment		Specific	Research	Invitation	High
6	IDN (BAPETEN)	application for nuclear medicine		Specific	Training	Invitation	Very High
7	IDN (BAPETEN)	research reactor utilization		Specific	Training	Dispatch	High
8	KAZ	Application for Agriculture/ Environment	Biofertilizers, tracers ets	General	Knowledge acquisition	Dispatch	High
9	KAZ	Application for Nuclear Medicine	Radiopharmaceuticals, oncology diagnostics and therapy	Specific	Training	Invitation	Very High
10	KAZ	Researc Reactor Utilization	Nuclear technologies	Specific	Knowledge acquisition	Invitation	High

B. Radiation and Isotope Application							
No.	**Country (Organization)**	**Outline**	**Specification**	**Level**	**Method**	**Type**	**Priority**
11	MYS (NM)	R&D for Graft Polymerization onto Natural Polymers	Research on radiation induced graft polymerization onto natural polymer and Analysis of relationship between grafting conditions and grafted chains detached from trunk polymers	Specific	Research	Invitation	Very High
12	MYS (NM)	Development of Highly Selective Ion Adsorbents by Graft Polymerization	Research on synthesis of adsorbents for hard-to-adsorb ions by radiation induced graft-polymerization and their evaluation	Specific	Research	Invitation	Very High
13	MYS (NM)	Modification of Biodegradable Polymers by Radiation Processing	Research on improvement of mechanical, thermal property and so on for environment friendly polymers by using radiation processing technique and their application	Specific	Research	Invitation	Very High
14	MYS (NM)	Development of Polymer Electrolyte Membranes for Fuel Cells using Radiation Technique	Synthesis and characterization of high performance polymer electrolyte membranes by radiation-induced cross-linking and graft polymerization using electron beams and gamma rays Study on nanostructures, ion conducting mechanism, and degradation behaviour of polymer electrolyte membranes	Specific	Research	Invitation	High
15	MYS (NM)	Development of Multifunctional Composite Materials	Research on multifunctional polymeric composite material that will provide shielding from radiation and has ballistic property.	Specific	Research	Invitation	Very High
16	MYS (NM)	Ecological Impact Study and Monitoring of Ecosystem in relation to Nuclear Power Programme	To advise on national programme on Radiological Impact Assessment (RIA) and Monitoring of Ecosystem and Non-human Biota in relation to Malaysia's Nuclear Power Programme To give talks on recent development in radiation effects on biological systems with respect to nuclear facilities (e.g. nuclear power reactor, gamma greenhouse) especially on low level radiation effects and to advice on related experiments to be conducted. To provide insight and relate experience on handling the Fukushima Nuclear Power Plant incidents, with respect to impact on environment and non-human biota.	Specific	Knowledge acquisition	Dispatch	Very High

B. Radiation and Isotope Application							
No.	**Country (Organization)**	**Outline**	**Specification**	**Level**	**Method**	**Type**	**Priority**
17	MYS (NM)	Radiological effects on microbial population	Assessment of effects of low dose irradiation and radionuclides in bacteria in model ecosystems.; Research on the effect of radiation and radionuclides on an experimental model ecosystem, in preparation to monitoring for Malaysia's Nuclear Power Programme (NPP). The effects of radiation on microbial diversity will be carried out via both viable cell count and uncultured approaches. The effects on the microbial populations will also be studied by using a range of radiation doses. Further analysis using fluorescence in situ hybridization and pyrosequencing will also be carried to correlate the effect of radiation and radionuclides on the microbial community structure. Similar research activities have been carried out by Japanese institution such as Japan National Institute of Radiological Research. Through the attachment, the young scientist is expected to discuss and explore the possibilities of utilizing bacteria as radiation bioindicators for the country's NPP.	Specific	Research	Invitation	Very High
18	MYS (NM)	Radiation effects at molecular level (radiation impact studies)	Assessment of effects of low dose irradiation and radionuclides in fungi and mushrooms in model ecosystems. The following studies are proposed: • Assessing impact of radiation and radionuclides in fungi and mushroom. • Research on sensitivity and specificity of exposure biomarkers using DNA damage. • Research on biological exposure measurement using altered gene, protein or metabolite expression (proteomics and metabolomics). • Bioinformatics evaluation on radiation and radionuclide effects on fungi and mushrooms. Specification: - Data analysis (statistics) in relation to information linkages, hypothesis and evaluation - Data modeling in relation to genetic drift under environmental stress - Gene prediction and gene annotation using some biological websites or bioinformatics tools - Analysis of genetic diversity in relation to biota richness(population) Through the attachment, the young scientist is expected to discuss and explore the possibilities of utilizing bacteria as radiation bioindicators for the country's NPP.	Specific	Research	Invitation	Very High

B. Radiation and Isotope Application							
No.	**Country (Organization)**	**Outline**	**Specification**	**Level**	**Method**	**Type**	**Priority**
19	MYS (NM)	Biosurveillance / Biomonitoring studies on the effects of low dose ionizing radiation on plant species.	To gain knowledge on the proposed studies: Research on the establishment of low-dose gamma radiation biodosimetry • Research on applying environmental biodosimetry to plants from exposed environment • Research on development of bioindicator and biosensor plant species towards exposure to low dose radiation • Research on the establishment baseline data of low dose gamma radiation through radio sensitivity on terrestrial and aquatic plant. • Bioinformatics evaluation on radiation and radionuclide effects on plant species (especially one proposed as reference plant for NPP). - Data analysis (statistics) in relation to information linkages, hypothesis and evaluation - Data modeling in relation to genetic drift under environmental stress - Gene prediction and gene annotation using some biological websites or bioinformatics tools - Analysis of genetic diversity in relation to biota richness(population) Through the attachment, the young scientist is expected to discuss and explore the possibilities of utilizing bacteria as radiation bioindicators for the country's NPP.	Specific	Research	Invitation	Very High
20	PHL	Nondestructive Testing Techniques	To provide NDT knowledge to skilled personnel who will be part of the technical support in nuclear establishments	Specific	Training	Invitation	High
21	PHL	Nuclear Techniques in Soil-Plant Relationship	To acquire knowledge on how nuclear techniques may be applied in soil-plant relationship	Specific	Training	Invitation	High

B. Radiation and Isotope Application							
No.	**Country (Organization)**	**Outline**	**Specification**	**Level**	**Method**	**Type**	**Priority**
22	THA (TINT)	Study on new production of radioisotopes for PET study	To Strengthen personal skills and knowledge on new PET tracer production and QA, QC for senior radiochemist.	Specific	Training	Invitation	Very High
23	THA (TINT)	Development of radioisotopes production using cyclotron beams for medical application.	To Strengthen personal skills and knowledge on advance training on new PET tracer production for junior radiochemist.	Specific	Training	Invitation	Very High
24	THA (TINT)	Study on new production of radioisotopes for PET study	To enhance the capability in radiopharmaceutical production with short half-life (such as C-11, N-13 ,O-15 and F-18) which can be utilized as complementary radiopharmaceuticals for specific diagnostic tests for young radiochemist.	General	Training	Invitation	Very High
25	THA (TINT)	R&D for graft polymerization onto polymers by electron beam irradiationpolymers by electron beam irradiation	research on radiation induced graft polymerization onto polymer to enhance the level of the knowledge and the capability of the researcher knowledge and the capability of the researcher for the application of electron beam to deal with environmental pollutants and industrial products.	Specific	Research	Invitation	Very High
26	THA (TINT)	Electron Accelerator Application in plant breeding	To enhance the E-Beam utilization in R&D field.	Specific	Research	Invitation	High
27	THA (TINT)	Application for Agriculture/Environment	Radiation and Isotope application in Agriculture, Environment and Natural Resources Exploration	Specific	Knowledge acquisition	Invitation	High
28	THA (TINT)	Application for Industry	NDT in NPP construction and installation	Specific	Training	Dispatch	Very High

C. Research Reactor							
No.	**Country (Organization**	**Outline**	**Specification**	**Level**	**Method**	**Type**	**Priority**
1	IDN (BAPETEN)	Aging Management		Specific	Training	Invitation	High
2	IDN (BAPETEN)	Reactor Inspection		Specific	Training	Invitation	Very High
3	IDN (BAPETEN)	Reactor Maintenance		Specific	Training	Invitation	High
4	KAZ	Reactor Behavior/Physics,Nuclear Date	Engineering, fundamental and applied problems	Specific	Knowledge acquisition	Dispatch	High
5	KAZ	Nuclear Fuel,Rreactor Materials	Fuel and fuel assamblers. Construction materials development	Specific	Knowledge acquisition	Dispatch	Very High
6	MYS (NM)	Shielding Material	Development of new and effective shielding material To develop skills and understanding of shielding material and modeling including: - Shielding calculation for different types & multilayer Shielding Material - Physical and mechanical properties of Shielding Materials	Specific	Training	Invitation	High
7	MYS (NM)	Development of Radiation Detection System and signal processing	Radiation detection system especially for neutron detection and the connected hardware for signal processing.	Specific	Training	Invitation	Very High
8	MYS (NM)	Reactor Systems Integrity Inspection (Non Destructive Testing method, etc)	Research Reactor Structures Systems and Components Inspection Methodologi	Specific	Training	Invitation	Very High
9	MYS (NM)	Fuel materials for Research Reactor	Fuel materials for Research Reactor	General	Training	Invitation	Very High
10	MYS (NM)	In Service Inspection	Familiarization of code and standard for In-Service Inspection (ISI) and the application of NDT data for the risk based management system.	Specific	Training	Invitation	Very High
11	MYS (NM)	Neutron Beam for Reactor Materials	Experimental and instrumentation works on the application of neutron diffraction and scattering principles on materials study. Experimental work on the application of neutron imaging on material study (including fuel inspection) Study on Neutron induced prompt gamma ray techniques for materials characterization and analysis	Specific	Training	Invitation	Very High

C. Research Reactor							
No.	**Country (Organization)**	**Outline**	**Specification**	**Level**	**Method**	**Type**	**Priority**
12	MYS (NM)	Development of Neutron Detector Material	Development of material for detecting neutron for neutron instrumentation	Specific	Training	Invitation	Very High
13	MYS (NM)	Reactor Systems Integrity Inspection (Non Destructive Testing method, etc)	Development of NDT instrumentation, procedure and methodology for inspection of nuclear components such as heat exchanger, pressure vessel and piping systems Development of high resolution x-ray computed tomography system for nuclear fuel inspection and analysis	Specific	Training	Invitation	Very High
14	MYS (NM)	Development of Radiation Detector and signal processing	Development of new radiation detectors, behavior and application for radiation detection especially for neutron detection and the connected hardware for signal processing.	Specific	Training	Invitation	High
15	MYS (NM)	Reactor Maintenances and Services Planning Management	Operation and maintenance on digital and computerize instrumentation and control system of a research reactor focusing on Condition Based Monitoring (CBM) and ageing management	Specific	Training	Invitation	High
16	MYS (NM)	Upgrading of Instrumentation and control system using digital and computerized technique for research reactor	Refurbishment of an analog instrumentation and control system to modern system using digital technique and computer control for a research reactor	Specific	Research	Invitation	High
17	MYS (NM)	Fuel materials for Research Reactor	Understanding on materials selection for fuel in research reactor	General	Training	Invitation	High
18	MYS (NM)	Fuel Engineering and Fabrication for Research Reactor	Familiar, develop knowledge, and skills on fuel fabrication technology and engineering for research reactor	General	Training	Invitation	High
19	PHL	Decommissioning of Research Reactor	To enhance knowledge on safety assessment before and after decommissioning in reference to radiation protection criteria for safe release of the radioactive materials	Specific	Training	Invitation	Very High
20	PHL	Accident Analysis	To enhance knowledge in performing radiological impact assessment during accident or abnormal condition of research reactor	Specific	Training	Invitation	High
21	THA (OAP)	Upgrading, Aging Management		General	Training	Dispatch	Very High

C. Research Reactor							
No.	**Country (Organization)**	**Outline**	**Specification**	**Level**	**Method**	**Type**	**Priority**
22	THA (OAP)	Reactor Inspection, Reactor Maintenance		Specific	Training	Invitation	High
23	THA (OAP)	Safety Management, Operation Technique		Specific	Training	Dispatch	High
24	THA (TINT)	Operation and Maintenance Management	On-job training on routine operation and maintenance management of research reactor including operation planning, operation techniques, fuel management, reactor instrumentation and control, water chemistry, etc.	Specific	Training	Invitation	High
25	THA (TINT)	Research Reactor Design and Engineering	Training on a research reactor modification/design project to expose the trainnee to the design and engineering of a research reactor including conceptual design, detailed calculation design, engineering work, testing, project planning and commissioning processes.	Specific	Training	Dispatch	Very High
26	THA (TINT)	In-service Inspection and Ageing Management	To acquire in-depth knowledge about in-service inspection technology for research reactors and to plan for ageing management accordingly.	Specific	Knowledge acquisition	Dispatch	High
27	THA (TINT)	Decommissioning of research reactors	Training on wide areas of research reactor decommissioning including decommissioning planning, waste characterization of the facility, decommissioning procedures, quality assurance for decommissioning, and experiences from actual work and lessons learned from past experiences.	Specific	Training	Dispatch	Very High
28	VNM (VINATOM)	Reactor Behavior/Physics, Nuclear Data	The systems of technologies and control system of research reactor	Specific	Training	Dispatch	High
29	VNM (VINATOM)	Reactor Behavior/Physics, Nuclear Data	The experimental systems and methods for nuclear data on neutron beam, nuclear data processing and editors	Specific	Training	Dispatch	High
30	VNM (VINATOM)	Reactor Inspection, Reactor Maintenance	Inspection and mainternance activities in a research reactor	Specific	Training	Invitation	Very High

Needs "ANTEP Questionnaire 2011"
D. Nuclear Power Reactor

D. Nuclear Power Reactor							
No.	**Country (Organization)**	**Outline**	**Specification**	**Level**	**Method**	**Type**	**Priority**
1	IDN (BATAN)	Coating technique to produce many layer for spherical surface	CDV and plasma coating for nuclear fuel material	Specific	Training	Invitation	Very High
2	IDN (BATAN)	technique for producing sheet and tube from zirconium alloy	process to produce sheet and tube based on zirconium alloy	Specific	Training	Invitation	Very High
3	IDN (BATAN)	Technique for material characterization		General	Training	Invitation	Very High
4	IDN (BATAN)	Sol gel technique for producing nuclear fuel for HTGR	process to produce spherical from sol gel technique based on (U, Th)O2	Specific	Training	Invitation	Very High
5	IDN (BAPETEN)	Safety Analysis	especially for siting	General	Training	Dispatch	Very High
6	IDN (BAPETEN)	Reactor Behaviour		General	Training	Invitation	Very High
7	IDN (BAPETEN)	Reactor Materials		General	Training	Dispatch	Very High
8	KAZ	Nuclear/ Safety Engineering, Reactor Behavior		Specific	Training	Invitation	Very High
9	MYS (NM)	Fuel materials for Nuclear Power	Understanding on materials selection, processing and characterization for fuel in nuclear power plant: ・Design, Nuclear Fuels and Materials ・Fuel Related Standards, Fuel Material Characteristics and In-core Fuel Behavior ・Fuel Research (Post Irradiation Examination) ・Fuel Fabrication (Pellet, Components, Assembly) ・Fuel Cladding (Requirements, Characteristics,Fabrications), Fuel Transportation・Storage	General	Training	Invitation	High
10	MYS (NM)	Thermal-hydraulic calculation and cooling system design for high power reactor	To develop knowledge and skills in assessing fuel performance in relating to thermal hydraulic under normal as well as transient conditions	General	Training	Invitation	High

D. Nuclear Power Reactor							
No.	**Country (Organization)**	**Outline**	**Specification**	**Level**	**Method**	**Type**	**Priority**
11	MYS (NM)	Modern Instrumentation and control system engineering of a Nuclear Power Plant	Design and engineering of a modern instrumentation and control system for a Nuclear Power Plant	General	Training	Invitation	High
12	MYS (NM)	Operation and Maintenance on instrumentation and control system of a latest PWR nuclear power plant	Knowledge and experience on the operation and maintenance technique on the instrumentation and control system of a latest PWR nuclear power plant	General	Training	Invitation	High
13	MYS (NM)	Emergency and reactor protection system of PWR / BWR nuclear power plant	Design, operation and maintenance experience and knowledge on the most important section/modules and system in a nuclear power plant especially for PWR and BWR type of reactor.	General	Training	Invitation	High
14	MYS (NM)	Seismology & Seismic Engineering	Understanding seismic criteria, and all aspects of engineering design including vibration analysis of plant structures	General	Training	Invitation	High
15	MYS (NM)	Fuel materials for Nuclear Power	Understanding on materials selection for fuel in nuclear power plant	General	Training	Invitation	High
16	MYS (NM)	Fuel Engineering and Fabrication for Nuclear Power Plant	Familiar, develop knowledge, and skills on fuel fabrication technology and engineering for nuclear power	General	Training	Invitation	High
17	MYS (NM)	Surveillance Programme for Nuclear Power Plant	Development and implementation of surveillance programme for NPP to ascertain the integrity of material in the reactor core	General	Training	Invitation	High
18	PHL	Thermal Hydraulics	To acquire knowledge on assessment of fuel performance during normal and critical conditions	Specific	Training	Invitation	Very High
19	PHL	Nuclear Fuels and Reactor Materials	To acquire knowledge on selection of nuclear fuels and materials in research reactors	Specific	Training	Invitation	Very High
20	THA (OAP)	Safety Analysis, Safety Assessment	codes/programs for safety analysis such as Relap, SAP2000	Specific	Training	Invitation	Very High
21	THA (OAP)	Nuclear/Safety Engineering, Reactor Behavior	Focusing on the siting evaluation phase of NPP	Specific	Training	Invitation	Very High
22	THA (OAP)	Nuclear Fuel, Reactor Materials		Specific	Training	Invitation	Very High

Needs "ANTEP Questionnaire 2011"
D. Nuclear Power Reactor

D. Nuclear Power Reactor							
No.	**Country (Organization)**	**Outline**	**Specification**	**Level**	**Method**	**Type**	**Priority**
23	THA (TINT)	Safety Analysis	Computer codes for safety assessment of Nuclear Power Plants	Specific	Training	Dispatch	High
24	VNM (VINATOM)	Safety Analysis, Safety Assessment	Safety Analysis Report and verification for SAR	Specific	Training	Dispatch	Very High
25	VNM (VINATOM)	Nuclear/Safety Engineering, Reactor Behavior	Nuclear Technology and reactor components	General	Training	Invitation	Very High
26	VNM (VINATOM)	Nuclear Fuel, Reactor Materials	Fuel Engineering and Fabrication for Nuclear Power Plant	Specific	Knowledge acquisition	Invitation	Very High
27	VNM (VINATOM)	Simulator	Train for trainer	Specific	Training	Invitation	High

E. Nuclear Administration							
No.	**Country (Organization)**	**Outline**	**Specification**	**Level**	**Method**	**Type**	**Priority**
1	IDN (BAPETEN)	Nuclear Regulation	related to NPP Programme	Specific	Training	Dispatch	Very High
2	IDN (BAPETEN)	Public Communication	related to NPP Public acceptance	Specific	Training	Dispatch	Very High
3	KAZ	Public Relations/Communication		Specific	Training	Invitation	High
4	MYS (NM)	Nuclear Safety	To equip personnel with sufficient knowledge and skills on nuclear safety	Specific	Training	Invitation	High
5	MYS (NM)	Legal aspects	Understanding relevant national and international regulations, conventions	General	Training	Invitation	High
6	MYS (NM)	Public Information and Acceptance	Participation in Nuclear Administration Seminar organized by Japan to gain exposure in the following subjects: 1. Content management and development for media 2. Communicator toolbox: Key Nuclear Messages 3. Fundamentals of nuclear communication 4. Risk Communication 5. Scientific visit to Japan nuclear exhibition centers 6. Basic nuclear power course and site visit	General	Training	Invitation	High
7	PHL	Public Information and Acceptance	To learn state-of-the-art strategies and techniques in dissemination of information on nuclear energy	General	Training	Invitation	High
8	THA (OAP)	Nuclear Regulation	Evaluation of regulation for NPP	Specific	Knowledge acquisition	Dispatch	Very High
9	THA (OAP)	Public Communication		Specific	Training	Dispatch	Very High
10	THA (TINT)	Public communication	Strategic Plan to gain public acceptance	Specific	Training	Dispatch	Very High
11	THA (TINT)	Risk Management	Project Risk Management	Specific	Knowledge acquisition	Dispatch	High

E. Nuclear Administration							
No.	**Country (Organization)**	**Outline**	**Specification**	**Level**	**Method**	**Type**	**Priority**
12	THA (TINT)	Bidding of NPP	Bid specification and evaluation	Specific	Knowledge acquisition	Dispatch	Very High
13	VNM (VINATOM)	Nuclear Regulation	Nuclear legislation (technical standards for NPP)	Specific	Knowledge acquisition	Invitation	Very High
14	VNM (VINATOM)	Nuclear Administration	Licensing activities	Specific	Training	Invitation	Very High
15	VNM (VINATOM)	Nuclear Administration	Inspection in construction and operation	Specific	Training	Invitation	High
16	VNM (VINATOM)	Public Relations/Communication	Establishment and operation for a PR Center	General	Knowledge acquisition	Invitation	High

Needs "ANTEP Questionnaire 2011"
F. Others (Nonproliferation, Safeguards, etc.)

F. Others (Nonproliferation, Safeguards, etc)							
No.	**Country (Organization)**	**Outline**	**Specification**	**Level**	**Method**	**Type**	**Priority**
1	KAZ	Nonproliferation	Monitoring	Specific	Training	Dispatch	High
2	MYS (NM)	Safeguards and Physical Protection	Understand and familiarize with Safeguards and Physical Protection aspects of a 1st NPP in order to perform informed assessment of bid documents especially on above aspects	General	Training	Invitation	High
3	MYS (NM)	Security	Understand and familiarize with Security aspects of a 1st NPP in order to perform informed assessment of bid documents	General	Training	Invitation	High
4	PHL	Course on Nuclear Training Management	To provide skills in the overall management of a nuclear training program	General	Training	Invitation	High
5	THA (OAP)	Safeguards	Evaluation, design and requirements for physical protection	Specific	Training	Invitation	Very High
6	THA (TINT)	Emergency Preparedness and Planning	Emergency Preparedness and Planning	General	Knowledge acquisition	Dispatch	Very High
7	THA (TINT)	Safety Culture	Understandings concepts of Safety Culture and how to develop	General	Knowledge acquisition	Dispatch	High
8	VNM (VINATOM)	Nonproliferation, Safeguards	Nuclear material accounting methods	Specific	Training	Invitation	High
9	VNM (VINATOM)	Nonproliferation, Safeguards	State system of accounting and control	General	Knowledge acquisition	Invitation	High