



INTERNATIONAL ATOMIC ENERGY AGENCY

**TECHNICAL MEETING
ON
ASIAN NETWORK FOR EDUCATION IN NUCLEAR TECHNOLOGY (ANENT)**

4-8 September 2006

Daejeon, the Republic of Korea

INFORMATION

INTRODUCTION

The Asian Network for Education in Nuclear Technology (ANENT) was established in 2004 to assist countries in building capacity and develop human and scientific infrastructures through co-operation in education, nuclear knowledge management and related research and training in nuclear technology in the Asian region. During the past two years, Technical Meetings were organised twice by the IAEA i.e. the first Coordinating Committee Meeting in Kuala Lumpur, Malaysia in February 2004 and the second one in Hanoi, Vietnam in October 2005. A number of universities, research centres, government agencies and other institutions involved in nuclear education and training in the region have participated in this network. Currently there are 28 participating institutions from 12 countries (Australia, China, India, Indonesia, Malaysia, Mongolia, Pakistan, Republic of Korea, Sri Lanka, Thailand, Philippines and Vietnam) and 6 international and regional networks as collaborating member.

OBJECTIVES, TOPICS AND ORGANIZATION OF THE MEETING

The Third Technical Meeting is to be divided into two parts: the first three-day as Technical Session on Managing Nuclear Knowledge and the last two-day as Coordination Committee Meeting between the ANENT members. The main objectives of the Technical Session is to clarify the significance and methods of nuclear knowledge maintenance and preservation and promote better understanding of the ANENT by encouraging attendance of concerned people from member as well as non-member countries, and that of the Coordination Committee Meeting is to review ongoing activities during 2005-2006, and to discuss and develop a Regional Project of Technical Cooperation for final adoption, implementation, and progress with the participation of the National Coordinators.

The following detailed topics have been set for the respective meeting:

The meeting will be organized by the International Atomic Energy Agency and hosted by the Korea Atomic Energy Research Institute (KAERI) on 4-8 September 2006 in Daejeon, Korea.

Technical Session on Managing Nuclear Knowledge
4-6 September 2006, Daejeon, Republic of Korea

Monday, 4 September

OPENING SESSION

SESSION 1: Knowledge Management Issues Facing the Asian Nuclear Community

Future prospects of energy growth and need of human resources development in Asia
Concerns about nuclear expertise loss
Human resources development for nuclear technology
Increasing needs of knowledge transfer on nuclear energy
Growing demand for knowledge preservation in Asia
Korean Initiatives on Nuclear Manpower Development
Preservation of nuclear information

Tuesday, 5 September

SESSION 2: Knowledge Transfer from Centres of Competence to Areas of Growth

---Asian Initiatives for Nuclear Knowledge Transfer

The role of IAEA for managing nuclear knowledge
The Agency's activities within TC framework
ANENT--- the Asian initiatives for nuclear education network
Regional network for nuclear safety knowledge
Asian Nuclear Training and Education Program
Regional cooperation for nuclear medicine in Asia

SESSION 3: Networking for Nuclear Education and Training

Highlights of the WNU summer institute and other activities
European network for nuclear education and training
The UK approach to nuclear education and training
Challenges to establish reference curricula in nuclear engineering
Needs to expand education and training networks

Wednesday, 6 September

SESSION 4: Practical Experience of Methodology for Knowledge Transfer in Asia

Knowledge transfer through ANENT Web-Portal
Knowledge transfer by exchange of human resources
RCA/KAIST Master's degree course program
Sharing available resources for distance learning
Real experience from teaching nuclear technology

Wrap-up Session:

Expected role and contribution of ANENT for knowledge transfer
---General discussion

CLOSING SESSION

Closing remarks

Afternoon Facility Visit

The Third ANENT Coordination Committee Meeting
7-8 September 2006, Daejeon, Republic of Korea

Thursday, 7 September

SESSION 1: Report and review of ANENT activities

1. Brief summary of five group activities by each leading member
2. Country reports on the related topics by national coordinators
3. Discussion on current issues and possible countermeasure

SESSION 2: Action plan for TC Regional Project Development

- Discussion on action plan as TC Regional Project

Friday, 8 September

SESSION 2 (cont.)

- Developing and drafting the action plan

WRAP-UP SESSION

- Nomination and Selection of the next Chairperson/ Spokesperson
- Drafting and adoption of the minutes/conclusion