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**REPORT
OF THE
PREPARATORY MEETING OF THE
ASIAN NUCLEAR SAFETY NETWORK**

21 NOVEMBER 2002

**EXTRABUDGETARY PROGRAMME ON THE
SAFETY OF NUCLEAR INSTALLATIONS IN THE SOUTH EAST
ASIA, PACIFIC AND FAR EAST COUNTRIES**

INTERNATIONAL ATOMIC ENERGY AGENCY

International Atomic Energy Agency

Extrabudgetary Programme on the Safety of Nuclear Installations
in the South East Asia, Pacific and Far East Countries

**REPORT OF THE PREPARATORY MEETING
ON THE ASIAN NUCLEAR SAFETY NETWORK (ANSN)**

Vienna, Austria
21 November, 2002

1. INTRODUCTION

A Preparatory Meeting on the Asian Nuclear Safety Network (ANSN) was convened by the IAEA in the framework of the Extrabudgetary Programme (EBP) on the Safety of Nuclear Installations in the South East Asia, Pacific and Far East Countries. The meeting was held on 21 November immediately after the Technical Meeting (TM) of EBP Advisory Group held from 18 to 20 November 2002. It was attended by 33 participants from 13 countries (**Appendix 1**). Most of the participants had attended the TM.

2. OBJECTIVES

The objective of the meeting was to present the concept and scope of the ANSN and to agree on the strategy for its implementation. The agenda is attached (**Appendix 2**).

3. MAJOR POINTS PRESENTED AND DISCUSSED

Mr. J. Turner, Assistant Deputy Administrator, US Department of Energy, chaired the meeting.

3.1. ANSN Concept

Mr. T. Taniguchi welcomed the participants and presented the IAEA's vision and strategy of nuclear safety. He mentioned the importance of sharing safety knowledge and experience, and the role of regional safety networks for the establishment of a global nuclear safety regime. He also stressed that the ANSN should be a decentralized, autonomous and self-sustaining network. (**Appendix 3**).

3.2. Overview of the Consultation Meeting in Tokyo

Mr. L. Lederman introduced the results of the first consultation meeting on the ANSN held in August 2002 in Tokyo including the Pilot Project on the education and training in nuclear safety (**Appendix 4**).

3.3. ANSN Portals

The prototype ANSN portal sites developed by the IAEA, USA and the three Hub centres have been presented, respectively:

IAEA:	Mr. L.Lederman (http://www.iaea.org/ns/ansn/default.htm)
USA:	Mr. L.W. Deitrich (http://www.ansn.anl.gov) (Appendix 5)
Japan:	Mr. T. Yokoyama (http://www.yscience.com/ansn) (Appendix 6)
Korea, Rep. of:	Mr. C. Park (Appendix 7)
China:	Mr. T. Xin (Appendix 8)

3.4. Future Steps for ANSN Implementation

Mr. L. Lederman presented a proposal for “exchanging knowledge on the Safety of Research Reactors in the frame of the ANSN”. The underlying concept is the establishment of thematic groups led by experts from the Hubs. The topic Safety Analysis was suggested for initiation in 2003 (**Appendix 9**).

Mr. S. Modro presented an Integrated Training and Accident Analysis System (ITASS) (**Appendix 10**).

Mr. S. Chakraborty introduced the Centre for Nuclear Safety (CENS). He expressed the intention of the Swiss Government to support the ANSN.

Mr. T. Taniguchi noted that formal agreement for the ANSN (e.g. Memorandum of Understanding) should be established by November 2003 and that the full implementation of the ANSN is expected to start in 2004. He also mentioned the ANSN should be developed step by step to ensure a user’s friendly and cost effective system.

4. CONCLUSIONS AND RECOMMENDATIONS

1. The participants expressed support for the establishment of the ANSN. Japan requested the Secretariat to prepare a discussion paper on the scope of knowledge management activities envisaged in the frame of the ANSN. The paper should be discussed at the second ANSN consultation to be held in Korea, Rep. of in March 2003.
2. Regarding the future establishment and operation of the ANSN, the participants called the attention of the Secretariat to:
 - (a) the need to ensure quality of the material to be made available and a mechanism for its continuous updating and removal of outdated material;
 - (b) the need to give consideration to the establishment and sustainability of the national centres along with the hub centres.

5. NEXT MEETING

It was agreed that the second consultation meeting of the ANSN would take place in Korea, Rep. of in March 2003. This will be followed by a relevant meeting supported by Technical Co-operation of the IAEA focusing on Knowledge Management aspects. The participants also agreed that prior to the second consultation meeting, a technical group will meet in Vienna to discuss the technical matters and prepare the second consultation meeting with necessary proposals and information.

APPENDIX 1

List of Participants

APPENDIX 2

Agenda

APPENDIX 3

IAEA's Nuclear Safety Vision and Strategy (Mr. T. Taniguchi, DDG-NS)

APPENDIX 4

Results of the 1st Consultation Meeting on the ANSN held in Tokyo, August 2002

APPENDIX 5

Recent Argonne Activities

APPENDIX 6

Basic Design of Prototype Database and Portal Site for ANSN Japan Hub Centre (Mr. T. Yokoyama)

APPENDIX 7

**Portal Site of Hub Centre in Korea, Rep. of
(Mr. Chang Ho Park)**

APPENDIX 8

Portal Site of Hub Centre in China (Mr. T. Xin)

APPENDIX 9

Exchanging Knowledge on the Safety of Research Reactors in the frame of the ANSN

APPENDIX 10

**Integrated Training and Accident Analysis System
(Mr. S. Modro)**