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March 9, 2017

Joint Communiqué

on

the Establishment of ASEAN Network on Nuclear Power Safety Research

We, the Heads of delegation of countries participating in Kick-off Meeting for ASEAN Network on Nuclear Power Safety Research at Dusit Thani Hotel, Bangkok, Thailand, on March 9, 2017 – the Lao People's Democratic Republic, Malaysia, the Republic of the Union of Myanmar, the Republic of the Philippines, the Republic of Singapore, the Kingdom of Thailand and the Socialist Republic of Vietnam,

Realizing the increasing attention from countries around the world, including ASEAN countries, toward nuclear power,

Recalling the accident and the Fukushima Daiichi Nuclear Power Plant which led to widespread consequences in a regional scale, including the release of radioactive material, the contamination of the area around the power plant, social disruption, and public anxiety,

Recognizing current research activities in the field of nuclear power safety, country needs, available resources, gap to be fulfilled, presented by each country in the 2nd ASEAN Workshop on Nuclear Power Safety Research, on March 7 – 8, 2017,

Acknowledging the milestones toward the establishment of ASEAN Network on Nuclear Power Safety Research completed by Thailand Institute of Nuclear Technology (TINT) and Vietnam Atomic Energy Research Institute (VINATOM), including the convention of the Workshop on Establishment of ASEAN Network on Nuclear Power Safety Research at the ASEAN-EU Science, Technology and Innovation (STI) Days in Hanoi in May 2016, and the support of the network establishment from the Sub-Committee of Sustainable Energy Research (SCSER) under ASEAN Committee of Science and Technology (ASEAN-COST),

Appreciating good scientific assistance from the European Union and the International Atomic Energy Agency,

Decided to formally establish the ASEAN Network on Nuclear Power Safety Research, and become the members of the said network. The scope of and the activities under the ASEAN Network on Nuclear Power Safety Research are as follows:

Scope

Support research and development activities of the members in the field of nuclear power safety, including but not limited to:

- **Design basis accident analysis**
- Severe accident analysis
- Probabilistic risk assessment
- **Fission product transport**
- Accident consequence assessment
- Other topics agreed upon by the members

Activities

1. Creation of information and knowledge sharing platform
The lead country will create the information and knowledge sharing platform for the said network within one month after this meeting. Members will upload the list of researchers, the list of recent publications, the list of national research projects on nuclear power safety, the list of IAEA TC projects and other appropriate information in the field of nuclear power safety on the said platform within one month after the announcement of the completion of the platform by the lead country, and update the information regularly.
2. Assessment of benchmark problems
The Kingdom of Thailand and the Socialist Republic of Vietnam proposed the Nuclear Accident Consequence Assessment Benchmark Problem for 2017, and, and agreed to participate in the assessment. The results will be shared in the **Annual Meeting**. **Other members can propose benchmark problems of other topics within the scope specified above.**
3. Research collaborations
The members can propose bilateral, trilateral or multilateral research collaborations in the General Meeting for ASEAN Network on Nuclear Power Safety Research, and the joint parties can share the results of research collaborations at the ASEAN Workshop on Nuclear Power Safety Research.
4. Annual meeting
At the annual meeting, the members present achievements and research results, getting comments from other members and discuss future activities of the said network.

We concluded that the lead country of the ASEAN Network on Nuclear Power Safety Research will be selected by the end of every **Annual** Meeting for ASEAN Network on Nuclear Power Safety Research, and will have the roles as follows:

1. Hold and be financially responsible for the Annual Meeting for ASEAN Network on Nuclear Power Safety Research and the ASEAN Workshop on Nuclear Power Safety Research, this include seeking
2. **Seek for the financial support for the said network from ASEAN/EU communities, IAEA or from ASEAN countries.**
3. Create and maintain the information and knowledge sharing platform
4. Select the topics and facilitate the assessment of benchmark problems
5. Report the progress of the said network to the Sub-Committee of Sustainable Energy Research (SCSER)

Thailand Institute of Nuclear Technology, representing the Kingdom of Thailand, will be the lead country for this network until the end of the next General Meeting for ASEAN Network on Nuclear Power Safety Research in 2018.