

Panel: Challenges and Opportunities after the Fukushima Nuclear Disaster (Regency Room)

Date/Time: Wednesday, February 20, 2013 /17:00-18:15

Talking Points for: Chang Soon Heung, Professor, Korea Advanced Institute of Science and Technology (KAIST)

The consequences of the Fukushima accidents go beyond Japan. The accident has reshaped nuclear agendas and policies in countries around the world. There are many technical and institutional implication and issues. In 2011, Korea implemented fifty special safety inspections which were derived from the lessons. They were focused on the systems and strategies for mitigation and prevention of station black out. The implementation contributes to the enhancement of safety in nuclear power plants and the restoration of faith from the public. The importance of passive safety systems which are operated by natural phenomena has been highlighted. Integrated passive safety system (IPSS) is one of the solutions for the enhancement of the safety. Beyond the accident, there are lots of challenges on nuclear safety like the issue of aging of nuclear power plants. Also, the role of robust, independent and trusted regulator should be recognized as one of the key subjects.

* The views expressed herein do not necessarily reflect the views of the Asan Institute for Policy Studies.