

## **Statement Following the International Symposium on Nuclear Safety (ISON2011)**

March 11, 2011, has become a day that must be remembered in the history of nuclear power generation. Tokyo Electric Power Company's Fukushima Dai-ichi Nuclear Power Station (NPS) was hit by tsunami caused by the Tohoku-Pacific Ocean Earthquake, resulting in nuclear accidents in its Units 1 to 4.

Since then, the Atomic Energy Society of Japan has been conducting activities in response to the accident at the Fukushima Dai-ichi NPS on a voluntary basis, including technological assistance in explaining the situation to society to gain public understanding and settling the accident and diverse support to restore the environment in areas around the NPS. We believe that these activities must continue.

The Japan Society of Maintenance responded to the disaster by contributing to reactive maintenance for the restoration of power stations damaged by the tsunami and by establishing guidelines for the evaluation of anti-tsunami measures as a means of preventive maintenance.

To date, nuclear energy has been used as an energy source important for the resolution of problems such as energy security and global warming mitigation. At the same time, activities to prevent nuclear accidents from occurring have been conducted. The fact that nuclear accidents were caused by a massive tsunami despite these efforts has shaken all those engaged in nuclear energy. We should analyze from various perspectives why the disaster could not be prevented and what was missing, along with factors behind them.

At the Symposium, scientific societies reported their activities, while international organizations and nuclear industries presented their wide variety of nuclear safety activities conducted around the world. This reflects our intention of making this Symposium a forum for discussion on nuclear safety across the boundaries between academia and industry.

With the strong determination to never let such a nuclear accident happen again, the Atomic Energy Society of Japan and the Japan Society of Maintenance issue a joint statement based on the reports at the Symposium.

### **Joint Statement**

We respect the facts revealed, hold fair, unbiased and transparent discussions with a high

sense of ethics, and make voluntary efforts to provide reliable, accurate information for society and to launch specific activities for this, in light of opinions and advice from the scientific societies and associations and international institutions that participated in this International Symposium.

In order to ensure that such an accident will never happen, we, as a group of academic experts, recognize that our important role is to seriously reflect on the accident at Tokyo Electric Power Company's Fukushima Dai-ichi NPS, identify lessons to be learned, and contribute to securing future nuclear safety to the greatest extent possible.

Based on lessons derived through the summarization and analysis of the findings from the accident, we earnestly make proposals and provide scientific and technological support so that these lessons can be reflected into measures taken by institutions and government agencies, thereby contributing to efforts to enhance the safety of a large number of nuclear power stations in operation throughout the world.

We continue to offer technical support toward the recovery of regional communities and the whole country in an effort to restore public confidence.

While taking a scientific standpoint that searches for truth, we play an active role in international activities toward nuclear safety, such as nuclear safety standards development and nuclear safety research aimed at enhancing safety, and help nuclear power plants in the world to secure safety by scientific and rational management.

We hereby declare that, through these activities, we will pursue the safety of nuclear power plants and contribute to the conservation of the global environment and the ensured supply of energy to humans.

November 1, 2011

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