

COE-INES Business Trip Report

期日：平成 17 年 10 月 22 日～10 月 30 日

出張者：原子核工学専攻 博士後期課程 2 年 Sidik Permana

出張先：オブニンスク工科大学（Obninsk State Technical University）、ロシア

Name of Program

COE-INES, International Symposium and Workshop in Obninsk

Place of program:

1. “The 9th International Conference “Nuclear Power Safety and Nuclear Education”

Venue : Palace of Science, OINPE Obninsk State Technical University for Nuclear Power Engineering (INPE) Studgorodok 1, Obninsk, Kaluga region, 249040, Russia

2. OINPE - Tokyo Tech COE-INES, The 1st Workshop for Russia-Japan International Research Cooperation and Nuclear Education toward Innovative Nuclear Energy Systems

Venue : Obninsk Center of Science and Technology

3. Tours to the 1st Nuclear Power Plant

Venue : IPPE, Obninsk

Activities:

Generally, this program was divided into 2 programs and 1 technical tour during October 22 – 30, 2005.

- 1. The 9th International Conference “Nuclear Power Safety and Nuclear Education**

The 9th International Conference “Nuclear Power Safety and Nuclear Education” was opened by OINPE’s rector celebrating the programs. The program was held in 4 days that included a plenary session and parallel sessions. On the plenary session, there were many invited speakers and expertise attended on this symposium from Russia and Japan. The parallel

sessions were divided into several topics such as nuclear safety, non proliferation resistant, and so on. Student session was also performed. The working language was Russian and English so that some interpreters were provided. At the last day, the conference was closed with some discussion and a memorandum was documented between Russian (OINPE) and COE-INES Tokyo Tech Japan.



Opening ceremony of Conference (05/10/24)



Parallel session (05/10/25)

2. OINPE -Tokyo Tech COE-INES, The 1st Workshop for Russia-Japan Theme: International Research Cooperation and Nuclear Education toward Innovative Nuclear Energy Systems

The workshop was successfully held at Obninsk Center of Science and Technology. It was great pleasure that at morning session of this workshop, we could successfully made teleconference between Russia and Japan via Internet. Not only participants who attended the workshop in Russia but also participants at Tokyo Tech in Japan joined this workshop. Two sessions at morning and afternoon were held. Panel discussion by student was made on the afternoon session in which one student from Japan and two students from Russia presented concerning nuclear education. A memorandum of this workshop was completed and agreed by all participants from both side, Japan

and Russia.



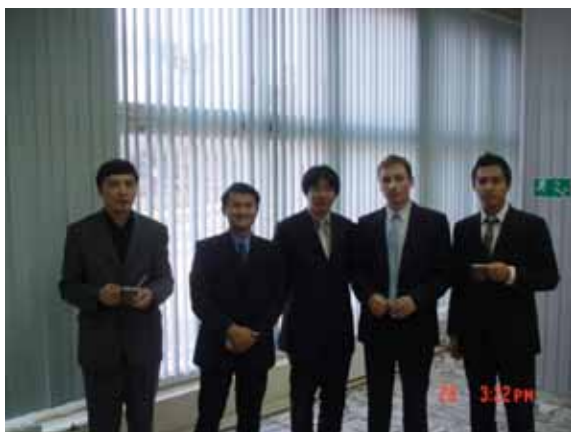
Russia and Japan Workshop (05/10/28)



Teleconference with participants from Japan (05/10/28)

My own presentation

On this symposium, I presented my research activity during the parallel session program on October 26th 2005 at 9.30-9.45. My presentation was included in the nuclear non-proliferation resistant field. The title of presentation is "Feasibility of Sustainable Thorium Reactor with Heavy or Light Water Coolants in Equilibrium States".



Student from Japan and Russia



Welcome party in OINPE (05/10/25)

3. Technical tour to the 1st Nuclear Power Plant (1st NPP)

It was great opportunity to see the 1st Nuclear Power Plant (NPP) in the world for generating electricity and civil purposes. It means that this NPP was designed for peaceful purpose. It was working for 4 years to generate electricity for local obninsk area and after that it was stooped and the NPP became a research reactor for long time. Unfortunately, now it was completely stopped by the government.