

Tsuruga Summer Institute on Nuclear Energy 2007

—Report—

1. Date : September 10, 2007 (Mon) – September 14, 2007 (Fri)

2. Students : Total 38 students

- 11 students from Fukui University;
- 6 students from Fukui University of Technology;
- 2 students from Osaka University;
- 2 students from Kyoto University;
- 4 students from Kinki University;
- 2 students from Nagoya University;
- 4 students from Kanazawa University;
- 4 students from Tokyo Institute of Technology;
- 2 students from Musashi Institute of Technology
- 1 student from National Defense Academy;

3. Contents

(1) "Lectures"

5 lectures

- History and Progress of LWR Development,
- Nuclear Fuel Cycle,
- Japanese Version Next-Generation Reactor System Development,
- Accident and Safety Measures (LWR & FBR)

(2)"Topics"

Earthquake Occurred in Chuetsu Area and Earthquake Safety of Nuclear Power Station

(3) English Discussion

Public Acceptance of Nuclear Energy & Global Warming

(4) 3 Practical Trainings and Others

- Operation Training Simulator
- Sodium Handling
- Nondestructive Inspection
- In-Service Inspection Site Tour

(5) 4 Site Tour-

- Fast Breeder Reactor Monju
- Mihama NPS (under construction)
- Tsuruga Unit 3/4
- Wakasa wan Energy Research Center

(6) Lecture for Opening to the Public

- Nuclear Energy Contribution toward Future Society

- Nuclear Energy Development in USA
- Efforts for the Next Generation Reactor System Development in the World

4. Summary

We reinforced the lecture contents and newly introduced comprehension tests in order to aim for the realization this year that each university started to adopt “Tsuruga Summer Institute on Nuclear Energy” as its “advanced standing.

Nearly 90% of the students answered “Satisfied (17 students answered “Excellent” and 16 students answered “Very good”)

What is the “most impressive” and “most useful” plan in the TSINE 2007?

1. English Discussion (18 students answered)
2. Practical Training (16 students answered)

Our view toward the answers:

We think that the students usually don’t have opportunities to have “English Discussion” and “Practical Training” in their universities. We reaffirm that the characteristic programs of the Institute are supported by the students.

We plan to post the “TSINE 2007” reports and its contents on the website of our related organizations including JAEA.

5. Pictures:



【Lecture】



【English Discussion】



【Site Tour】



【Practical Training】



【Lecture for Opening to the Public】