

International Nuclear Instructor Development Program in FY2009
“Reactor Plant Safety Course”
Winter Course

1. Duration: January 18, 2010 ~ February 12, 2010

2. Countries and Participants: 8 countries / 10 participants

○China; 2 ○Indonesia; 2 ○Philippine, Sri Lanka, Vietnam, Bangladesh, Thailand, Malaysia; 1

3. Program: The course is composed of “Lecture”, “Practice”, “Facility Visit” and “Discussion”.

◇Lecture (21 lectures)

⇒Lectures are put into five categories: “ Basics of Reactor Plant safety”; “Technical Issues on Plant Safety”; “Safety Measures and Evaluation of Reactor Plants”; “Plant Operation Technology”; “Plant Maintenance Technology”.

◇Practice (4 practices)

⇒ Nuclear Practice at UTR-KINKI Reactor, Monju Operator Training Simulator, Nondestructive Testing (NDT) Technology, Safe Handling of Reactor Coolant (Sodium).

◇Facility Visit (10 Facilities)

⇒Fast Breeder Reactor; FBR “Monju”, Fugen Decommissioning Engineering Center, Nuclear Emergency Response Operations Facility, Fukui Prefecture Environmental Radiation Research and Monitoring Center, Wakasa Wan Energy Research Center, Ohi Power Station (Kansai Electric Power Co., Inc.; KEPCO), NPP Maintenance Training Center (KEPCO), Mihama Power Station (KEPCO), Nuclear Power Training Center (Nuclear Power Training Center, Ltd), Tsuruga Power Station (construction site of No. 3 and 4 reactors).

◇Discussion (Country Report)

⇒Discussions on “ Strategy and Challenge of Nuclear Energy Development in my Country”.

4. Outcome (Result of the questionnaire)

Winter course of Reactor Plant Safety Course (RPSC) in FY 2009 was concluded successfully. In the questionnaire conducted on the last day, eight participants out of ten evaluated the RPSC as “very useful” and other two participants answered “useful”. This evaluation can be perceived as the result of enhancement of the RPSC reflecting previous participants’ suggestions. Recruitment for the RPSC in FY 2010 has already begun. Japan Atomic Energy Agency (JAEA) shall seek for the contribution to the “Energy Research and Development Centralization Plan” promoted by Fukui prefecture by organizing the RPSC collaborating with Tokai Research and Development Center, JAEA.

5. Lecture, Practice and Facility Visit



【Lecture】



【Discussion】



**【Safe Handling of Reactor Coolant
(Sodium)】**



**【In-Service Inspection
(ISI) Technology】**



【FBR "Monju"】



【Group Photo】