

**Program Schedule of Reactor the Plant Safety Course (RPSC) in FY 2011
- Winter Course (Jan.10-Feb.3, 2012) -**

Jan. 5, 2012 Rev.6

<Week-1>

	9:00~	10:00~	11:00~	12:00~	13:10~	14:00~	15:00~	~16:10	16:10~ 17:00
Jan. 8 (Sun)	National Holiday (Arrive at the Kansai International Airport and Move to Tsuruga)								
Jan. 9 (Mon)									
Jan. 10 (Tue)	Opening Session - Orientation - [WERC]	Basic Items related to Reactor Plant Safety							Lecture Evaluation & Questionnaire
		<L-1> Roles of Nuclear Power for Sustainable Energy [Dr. Machi, WERC]	Lunch	<L-2> Basic Concept of Reactor Plant Safety (Outline of LWR Design) [Mr. Mori, JAPC]					
Jan. 11 (Wed)	Basic Items related to Reactor Plant Safety		Lunch	Plant Operation & Maintenance Technology					Ditto
	<L-3> Features of Nuclear Power Plants [Mr. Takimoto, Mitsubishi]			<L-4> Regulatory Inspection System for NPP [Mr. Shiomi and Mr. Kobayashi, JNES]					
Jan. 12 (Thu)	Safety Measures and Safety Evaluation of Reactor Plant		Lunch	Basic Items related to Reactor Plant Safety					Ditto
	<L-5> Safety Measures of Nuclear Power Plant [Mr. Sawada, WERC]			<L-6> Basics of Nuclear Reactor Physics -Fission Reaction and Reactivity- [Prof. Yamawaki, University of Fukui]					
Jan. 13 (Fri)	Facility Visits								
	Movement	<V-1> Mihama Nuclear Power Station (PWR) [KEPCO]		Movement & Lunch		<V-2> Preparatory Work Field of Units No.3 & No.4 of Tsuruga Nuclear Power Station (APWR) [JAPC]		Back to Hotel	
Jan. 14 (Sat)	National Holiday								

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<Week-2>

	9:00~	10:00~	11:00~	12:00~	13:10~	14:00~	15:00 ~	~16:10	16:10~ 17:00
Jan. 15 (Sun)	Move to Osaka from Tsuruga (Stay in Osaka)								
	Basic Items related to Reactor Plant Safety								
Jan. 16 (Mon)	<P-1.1> Outline of UTR-Kinki Reactor [Prof. Ito, Kinki University]		<P-1.2> Reactor Operation and Reactivity Measurement [Associate Prof. Horiguchi, Kinki University]	Lunch		<P-1.3> Neutron Radiography [Associate Prof. Hohara, Kinki University]			Back to Tsuruga
	Special Items related to Fukushima Event				Country Report (Special Items related to Fukushima Event)				
Jan. 17 (Tue)	<L-7> Outline of Fukushima Dai-ichi NPP Accident, Lessons- Learned and Japanese Perspectives on Nuclear Energy [Prof. Yamaguchi, Osaka University]			Lunch	<Discussion-1> Nuclear Energy Strategy and Influence of the Fukushima Event in My Country [Chairperson: WERC]				Lecture Evaluation & Questionnaire
	Safety Measures and Safety Evaluation of Reactor Plant				Technical Issues of Reactor Plant				
Jan. 18 (Wed)	<L-8> Safety Evaluation of Reactor Plant (PWR, BWR) [Mr. Yamanaka, JAPC]			Lunch	<L-9> Earthquake, Aseismic Design of Nuclear Power Plants and Tsunami [Mr. Noda, JAPC]				Ditto
	Basic Items related to Reactor Plant Safety				Technical Issues of Reactor Plant				
Jan. 19 (Thu)	<L-10> Probabilistic Safety Assessment [Dr. Honma, JAEA]			Lunch	<L-11> Emergency Preparedness and Response [Dr. Honma, JAEA]				Ditto
	Facility Visits								
Jan. 20 (Fri)	Movement	<V-3> Nuclear Emergency Response Operation Facility (Off-site Center)		Movement & Lunch		<V-4> Fukui Prefectural Environmental Radiation Research and Monitoring Center		<V-5> Wakasa Wan Energy Research Center	
Jan. 21 (Sat)									

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<Week-3>

	9:00~	10:00~	11:00~	12:00~	13:10~	14:00~	15:00~	~16:10	16:10~ 17:00
Jan. 22 (Sun)									
Jan. 23 (Mon)	Basic Items related to Reactor Plant Safety								
	<L-12> Outline of Construction Procedures of Nuclear Power Plants [Mr. Saito, JAPC]			Lunch	<L-13> Environmental Impact Assessment for Reactor Plant Construction [Mr. Umeki, JAPC]				Lecture Evaluation & Questionnaire
Jan. 24 (Tue)	Plant Operation & Maintenance Technology			Lunch	Special Items related to Fukushima Event				Ditto
	<L-14> Maintenance Management of Reactor Plant [Mr. Shibata & Dr. Oomaya, KEPCO]				<Discussion-2> ◎Lead Speech Lessons learned from the Fukushima Daiichi NPS Accident and World Trend of Nuclear Power ◎Discussion Points -Enhancement of Nuclear Safety; Sharing Lessons of Fukushima Accident; Essential Role of Nuclear Power for Energy Security and CO2 Reduction; Infrastructure Development for Introducing 1st NPP [by Dr. Machi, WERC]				
Jan. 25 (Wed)	Special Items related to Fukushima Event								
	<L-15> International Standards for Nuclear Safety and the Accident at Fukushima Nuclear Power Stations [Prof. Hirose, University of Fukui]			Lunch	<L-16> Radiation Protection and Management, Environmental Pollution due to the Fukushima Daiichi NPS Event [Prof. Yoshioka, Fukui University of Technology]				Ditto
Jan. 26 (Thu)	Plant Operation & Maintenance Technology								
	<L-17> Plant Operation and Control of PWR [Mr. Matsui & Mr. Maeda, Shikoku Electric Power Co.]			Lunch	<L-18> Operation of Nuclear Reactor Plants (BWR) [Mr. Nemoto, JAPC]		<Question and Answer> Question and Answer Related to Reactor Plant Operation and Control with Instructors of PWR and BWR		Ditto
Jan. 27 (Fri)	Facility Visits								
	Movement	<V-6> Ohi Nuclear Power Station (PWR) [KEPCO]		Movement & Lunch		<V-7> PWR Operation Support Center (Operator Training Simulator) [KEPCO]		Back to Tsuruga	
Jan. 28 (Sat)									

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<Week-4>

	9:00~	10:00~	11:00~	12:00~	13:10~	14:00~	15:00~	~16:10	16:10~ 17:00
Jan. 29 (Sun)									
Jan. 30 (Mon)	Basic Item related to Reactor Plant Safety			Lunch	Safety Measures and Safety Evaluation of Reactor Plant				Lecture Evaluation & Questionnaire
	<L-19> Nuclear Safety Culture [Mr. Sato, KEPCO]				<L-20> Nuclear Accidents and Safety [Mr. Fujimura, Mr. Sakuda & Mr. Watarumi, INSS]				
Jan. 31 (Tue)	Basic Item related to Reactor Plant Safety		Movement & Lunch		Facility Visits			Back to Tsuruga	
	<L-21> Nuclear Non-proliferation and Nuclear Security [Mr. Ohkubo, JAEA]				<V-8> NPP Maintenance Training Center [KEPCO]				
Feb. 1 (Wed)	Technical Issues of Reactor Plant		Lunch & Movement		Facility Visits			Back to WERC & Questionnaire	
	<L-22> Outline of Nuclear Fuel Cycle [Prof. Yanagihara, University of Fukui]				<V-9> Fast Breeder Reactor Research and Development Center "Monju" [JAEA]				
Feb. 2 (Thu)	Movement	Facility Visits		Lunch & Movement		Technical Issues of Reactor Plant			Overall Lecture Evaluation & Questionnaire
		<V-10> Fugen Decommissioning Engineering Center [Mr. Morishita, JAEA]				<L-23> Radioactive Waste Management [Mr. Nojiri, JAPC]			
Feb. 3 (Fri)	Assessment Session		Closing Ceremony	Move from Tsuruga to a Hotel near Kansai International Airport and Stay at the hotel					
2/4 (Sat)	Departure for Home (from Kansai International Airport)								