

International Symposium on Thermal-Hydraulic Analyses for Light Water Reactors

Institute of Nuclear Safety System, Inc.

Institute of Nuclear Safety System, Inc. (INSS), which is a group company of the Kansai Electric Power Company, has a plan to hold the "International Symposium on Thermal-Hydraulic Analyses for Light Water Reactors" after NURETH-13 in Kanazawa as follows:

Date: October 2, 2009 (Friday)

Place: New Sanpia-Tsuruga (Tsuruga City, Fukui, Japan)

Sponsor: Institute of Nuclear Safety System, Inc. (INSS)

Co-sponsor: Japan Atomic Energy Agency (JAEA)

Supported by: Fukui-ken, Tsuruga-shi, Mihama-cho, University of Fukui,

Japan Nuclear Energy Safety Organization, The Wakasa Wan Energy Research Center,

Atomic Energy Society of Japan/ Thermal Hydraulics Division

Registration fee: free

Official language: English

Bus (free): From Tsuruga Station (8:20) to New Sanpia-Tsuruga

From New Sanpia-Tsuruga (17:45, 19:40) to Tsuruga Station

We appreciate it very much if you could attend the symposium and join discussion. When you wish to attend the symposium, please let us know by E-mail or Fax by September 15, 2009 (Tuesday), because the seats in the room are limited to about 100. Since restaurants near the New Sanpia-Tsuruga are few, we will prepare a lunch box for 1,000 Japanese yen. And according to your request, we will make a room reservation for you at Hotel Rout-inn or Hotel Toyoko-inn near the Tsuruga Station (about 7,000 Japanese yen per night). Therefore, when you need the lunch box and room reservation, please let us know. Thank you.

To: Mr. T. Toudou (E-mail: toudou@inss.co.jp) Fax: +81-770-2009

Institute of Nuclear Safety System, Inc.

Application to Int. Symposium on Thermal-Hydraulic Analyses for Light Water Reactors

I wish to attend the International Symposium held in Tsuruga-shi on October 2, 2009.

Full name:

Organization:

E-mail:

Lunch box for 1,000 yen: necessary or unnecessary

Free bus: necessary or unnecessary

Hotel reservation (about 7,000 yen): necessary (Oct. 1, Oct. 2) or unnecessary

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Program (Preliminary)

Time	Contents
8:30-	Registration
9:00- 9:10	Part 1 Chairs: Prof. Yassin A. Hassan (Texas A&M U.), Prof. I. Kataoka (Osaka U.) Opening
9:10-10:10	Plenary Lecture (60 min): Thermal Hydraulic Issues for LWRs, Prof. S. Banerjee (CUNY, USA)
10:10-10:30	Thermal-Hydraulic Researches at INSS (20 min.), Dr. K. Mishima (INSS)
10:30-10:45	Coffee Break
10:45-11:25	Part 2: Thermal-Hydraulics during Accidents Chairs: Prof. A. Tomiyama (Kobe U.), Dr. D. Lucas (FZD, Germany) Invited Lecture 1 (40 min.): The Accident at Three Mile Island Unit 2 –What Happened and Lessons Learned, Dr. Joy L. Rempe (INL, USA)
11:25-12:05	Invited Lecture 2 (40 min.): BEPU Methods for predicting Uncertainty in Complex System Codes, Dr. A. Petruzzi (UNIPI, Italy)
12:05-12:35	Application of BEPU to Loss-of-RHR Event (30 min.), Mr. M. Yamada (INSS)
12:35-13:35	Lunch
13:35-14:15	Part 2: Current Status on Thermal hydraulic R&D Chairs: Prof. M. Kawaji (CUNY, USA), Prof. K. Okamoto (U. Tokyo) Invited Lecture 3 (40 min.): Thermal-Hydraulic Research for LWRs in China, Prof. Xu Cheng (SJTU, China)
14:15-14:55	Invited Lecture 4 (40 min.): Thermal-Hydraulic R&D Efforts for ALWR Developments in Korea, Dr. Chul-Hwa Song (KAERI, Korea)
14:55-15:15	Troubles Caused by TH Phenomena (20 min.), Mr. T. Komatsu (INSS)
15:15-15:30	Coffee Break
15:30-16:10	Part 4: Structural Integrity and Thermal Hydraulic Analyses Chairs: Prof. T. Meshii (U. Fukui), Dr. A. Manera (PSI, Switzerland) Invited Lecture 5 (40 min.): Limitations of numerical prediction of thermohydraulic forcing for thermal fatigue problems, Dr. R. Howard (EDF, France)
16:10-16:50	Invited Lecture 6 (40 min.): Experimental & Analytical Studies on Flow-Induced Vibration for Large-Diameter Pipes with Elbow, Dr. H. Yamano (JAEA, Japan)
16:50-17:20	Numerical simulation of flow field structure around FAC area (30 min.), Dr. Y. Utanohara (INSS)
17:20-17:30	Closing
17:45-19:30	Reception