

Forum for Nuclear Decommissioning Technology and Human Resource Development

January 10, 2017, Tokyo Institute of Technology

東京工業大学 廃止措置技術・人材育成フォーラム

Organizer: Laboratory for Advanced Nuclear Energy (LANE), Institute of Innovative Research (IIR), Tokyo Institute of Technology (Tokyo Tech)

Date: January 10, 2017

Venue: Conference room, W8-Bldg. Tokyo Institute of Technology

Program:

Opening

9:00-9:05 Prof. Yano, Director, LANE

9:05-9:10 Mr. Shimazaki, MEXT

Session 1 Research Activity for Nuclear Decommissioning in US

9:10-10:30 Precursors for Crack Initiation in Carbon Steel Piping in CO<sub>2</sub>-Containing Aqueous Environments Ronald Ballinger (MIT)

10:30-10:45 Break

Session 2 Education and Research for Nuclear Decommissioning in Tokyo Tech

10:45-11:00 Decontamination technology of Cs, Sr using natural minerals, Prof. Yoshida, Tokyo Tech

11:00-11:20 Development of Nuclide analyzing technology, Prof. Tsukahara, Tokyo Tech

11:20-11:40 Criticality safety in fuel debris removing process, Prof. Takaki, Tokyo City University

11:40-12:00 Transient analysis in fuel debris re-criticality accident, Prof. Obara, Tokyo Tech

12:00-13:20 Lunch Break

13:20-13:40 Decontamination technology for woods, Prof. Takao, Tokyo Tech

13:40-14:10 Decontamination technology for soils, Prof. Takeshita, Tokyo Tech

14:10-14:30 Remote sensing technology for sever damaged reactor, Prof. Endo, Tokyo Tech

14:30-14:50 Education for nuclear decommissioning in Tokyo Tech, Prof. Akatsuka, Tokyo Tech

14:50-15:05 Break

Session 3 Research activity in IRID

15:05-16:05 Present status of research for decommissioning of Fukushima-Daiich and the future – Development of fuel removal technology -, Mr. Takamori, IRID

16:05-16:45 Method for practical evaluation of criticality risk, Mr. Morimoto, IRID/Hitachi GE

Session 3 General discussion

17:00-17:25 Discussion by the participants, chaired by Prof. Obara

17:25-17:30 Closing, Prof. Obara, Tokyo Tech

Reception

17:45-19:00 at Cafeteria