

REDUCING RISK OF NUCLEAR TERRORISM AND SPENT FUEL VULNERABILITY IN EAST ASIA

Co-sponsors:

Nautilus Institute

Research Center for the Abolition of Nuclear Weapons, Nagasaki University

Chatham House Rule Workshop ¹

Nagasaki, January 20-22, 2017

DRAFT AGENDA January 15, 2017

Please note: This agenda may be amended

JANUARY 21, SATURDAY

8:30 Coffee and Registration, Please be seated by 8.40

8:45 COMMENCE WORKSHOP

“Welcoming Remarks,” SUZUKI Tatsujiro, Director and Professor of Research Center for Nuclear Weapons Abolition

“Setting the Stage,” Peter HAYES, Director Nautilus Institute, Honorary Professor, Center for International Security Studies, Sydney University

9:00 AM SESSION 1: REALISTIC SCENARIOS 1

Chair: Peter HAYES

“A Vulnerability Associated with Dry Storage of Spent Fuel,” MASAHIRO Kikuchi, Executive Director of Nuclear Material Control Center Japan Chairperson of Japan Association of Disarmament Studies

“Scenarios of Insider Threats to Japan’s Nuclear Facilities and Materials – and Steps to Strengthen Protection,” Matthew BUNN, Professor, Kennedy School Harvard University

Discussant: TANIGUCHI Taketoshi, Professor, Policy Alternatives Research Institute, University of Tokyo

10:30 TEA

11:00 AM SESSION 2: REALISTIC SCENARIOS 2

Chair: Martha CRENSHAW, Professor, CISAC, Political Science Stanford University

“China’s Nuclear Spent Fuel Management and Nuclear Security Issues,” ZHANG Hui, Senior Research Associate, Kennedy School Harvard University

“Current Status of the Insider Threat in ROK Nuclear Installations,” HWANG Yongsoo, Korea Atomic Energy Research Institute

Discussant: Steven AOKI, Consultant, former Deputy Under Secretary for Counterterrorism and Counterproliferation, US Department of Energy

12:30 LUNCH

¹ This workshop is conducted under the Chatham House Rule whereby participants are free to use the information received, but neither the identity nor the affiliation of the speaker(s), nor that of any other participant, may be revealed. The purpose of the rule is to encourage openness and the sharing of information.

1:30 PM SESSION 3: REALISTIC SCENARIOS 3

Chair: HAN Yong Sup, Professor, Korea National Defense University

“Potential Insider Threat against Japanese Nuclear Facilities,” OTA Masakatsu, Kyodo News Service

“Pressing Global Nuclear Security Threats and China’s Response,” LIU Chong, Deputy Director, Institute of Security and Arms Control Studies, China Institute of Contemporary International Relations

Discussant: ABE Nobuyasu, Commissioner, Japan Atomic Energy Commission

3:00 TEA

3:30 PM SESSION 4: PREVENTING NUCLEAR TERRORISM 1

Chair: Matthew BUNN, Professor, Kennedy School Harvard University

“Japan’s Personnel Reliability Assurance and Nuclear Terrorism Risks,” ITABASHI Isao, Council for Public Policy

“Deterring Nuclear Terrorism: Insider Threats to Nuclear Facilities,” Martha CRENSHAW, Professor, CISAC, Political Science Stanford University

Discussant: HAN Yong Sup, Professor, Korea National Defense University

5:00 PM Finish Day One

DINNER

JANUARY 22, SUNDAY

9:00 AM SESSION 5: PREVENTING NUCLEAR TERRORISM 2

Chair: ZHANG Hui, Senior Research Associate, Kennedy School Harvard University

“Preventive and Protective Measures against Insider Threats at Nuclear Facilities in Korea,” LEE Jeong-Ho, Korea Institute of Nuclear Nonproliferation and Control

“Japan Restart Paths, Regional Fuel Cycle Scenarios & Risk Reduction,” David VON HIPPEL, Nautilus Senior Associate

Discussant: YANO Yoshiaki, Professor, Gifu Women’s College and Tokyo Institute of Technology

10:30 TEA

11:00 AM SESSION 6: PREVENTING NUCLEAR TERRORISM 3

Chair: YOSHIDA Fumihiko, Research Center for Nuclear Weapons Abolition

“Options for Remote Interim Storage of Nuclear Spent Fuels in Japan,” TAKASE Kae, Director, Governance Design Laboratory

“Anticipating Catalytic Nuclear Terrorism in Northeast Asia,” Peter HAYES, Director, Nautilus Institute

Discussant: HWANG Yongsoo, Korea Atomic Energy Research Institute

12:30 LUNCH

1:30 PM SESSION 7: PREVENTING NUCLEAR TERRORISM 4

Chair: LIU Chong, Deputy Director, Institute of Security and Arms Control Studies, China Institute of Contemporary International Relations

“Threat of Nuclear Terrorism and Regional Nuclear Security Strategies,” ABE Nobuyasu, Commissioner, Japan Atomic Energy Commission

“Nuclear Terrorism and Spent Fuel Storage,” Steven AOKI, Consultant; former Deputy Under Secretary for Counterterrorism and Counterproliferation, US Department of Energy

Discussant: LEE Jeong-Ho, Korea Institute of Nuclear Nonproliferation and Control

3:00 TEA

3:30 PM SESSION C: OPEN SESSION, OPEN DIALOGUE

Chair: SUZUKI Tatsujiro, Director and Professor of Research Center for Nuclear Weapons Abolition

Each participant, 3 minutes per participant

Open dialogue

4.45 Hayes final remarks

4.50 Suzuki final remarks

4.55 Miyaji final directions for evening, departure

5.00 PM ADJOURN WORKSHOP

DINNER