

**2nd Seminar on
Development of HTGR Technology
for Cogeneration and Heat Applications
[Draft]**

Organized by
**Japan Atomic Energy Agency
National Centre for Nuclear Research (PL)**
in cooperation with
**Ministry of Education, Culture, Sports, Science and Technology (JP) (in process)
Ministry of Energy (PL)**

Venue: National Centre for Nuclear Research, Otwock-Świerk, A. Sołtana 7, hall 207 (EWA)

Thursday, 11 July 2019

Chair: Mr. Tachibana (JAEA)

08:30-09:00 Registration

09:00-09:30 Opening Ceremony

Welcome address by NCBJ

Prof. Kurek

A) Japan (TBD, Embassy of Japan) **[requesting]**

B) Poland (TBD, Ministry of Energy)

09:30-10:00 Plenary Session

09:30-09:45 Present status of Polish HTGR development plan

Prof. Wrochna

09:45-10:00 Briefing of HTGR seminar in Poland

Dr. Nishihara

10:00-10:30 Coffee Break/Official Photo

10:30-12:30 Technical Session 1: HTGR licensing process

10:30-11:30 HTGR safety requirements

Dr. Ohashi

11:30-12:30 Experience with HTTR licensing (incl. HTGR licensing process)

Dr. Takada

12:30-13:30 Lunch

13:30-15:30 Technical Session 2: HTGR Technology and Design

13:30-14:30 Core design

Dr. Goto

14:30-15:30 Components design

Mr. Tachibana

Friday, 12 July 2019

Chair: Prof. Wrochna (NCBJ)

09:00-10:00 Technical Session 2(cont.): HTGR Technology and Design

09:00-10:00 Safety analysis

Dr. Ohashi

10:00-10:15 Coffee Break

10:15-12:15 Technical Session 3: Materials for HTRGs

10:15-11:15 Graphite

Dr. Nishihara

11:15-12:15 Metallic material

Mr. Tachibana

12:15-13:15 Lunch

13:15-14:15 Fuel

Dr. Goto

14:15-15:15 Technical Session 4: Special Issue

Hydrogen production technology for HTGR cogeneration

Mr. Noguchi

15:15-15:30 Closing