
4. AGENDA OF THE MEETING

MONDAY, 1 SEPTEMBER 1980

8:30 REGISTRATION

9:30 OPENING OF THE MEETING
G. Sarlos (EIR, Würenlingen - IG-HHT)
J. Kupitz (IAEA, Vienna)

SAFETY AND LICENSING EXPERIENCE OF GCR's
Chairman: P. Tempus (Schweiz. Schulrat, Zürich - IG-HHT)

10:00 Operational Experience at Fort St. Vrain - A Unique
Nuclear Power Plant
C. R. Fisher (GAC, San Diego)

10:30 Safety Aspects of the Operation Experience with the
AVR Experimental Power Station
G. Ivens (AVR GmbH, Düsseldorf)

11:00 COFFEE BREAK

11:30 Accident Analysis and Accident Control for the THTR-300
Power Plant
W. Wachholz (HRB, Mannheim)

12:00 THTR Steam Generator Licensing Experience as seen by
the Manufacturer
H. Fricker (Gebr. Sulzer, Winterthur)

12:30 LUNCH

Chairman: E. Balthesen (KFA, Jülich)

14:00 Advanced Gas-cooled Reactors in Scotland
R. M. Yeomans (Sth of Scotland Electricity Board)

14:30 Gas-cooled Breeder Reactor Safety
J. Chermanne (GBRA, Brussels)

15:00 US Gas-cooled Fast Reactor Safety Program
F. Torri (GAC, San Diego)

15:30 COFFEE BREAK

16:00 Personnel Radiation Exposure in HTGR Plants
C. R. Fisher (GAC, San Diego)

16:30 Developmental Assessment of the Fort St. Vrain Version
of the Composite HTGR Analysis-Program (CHAP-2)
R. Stroch (Los Alamos Scientific Laboratory, Los Alamos)

18:30 COCKTAIL at the Hotel de la Paix - Offered by IAEA and
Eidg. Institut für Reaktorforschung, Würenlingen

TUESDAY, 2 SEPTEMBER 1980

SAFETY ANALYSIS AND RESEARCH

Chairman: J. D. Thorn (UKAEA, Risley)

9:00 Probabilistic Risk Assessment of Gas-cooled Reactors
V. Joksimovic (GAC, San Diego)

9:30 Results of a German Probabilistic Risk Assessment Study
for the HTR-1160 Concept
Kröger (KFA, Jülich)

10:00 Efficiency of Inherent Protection Mechanism for an
Improved HTR Safety Concept
K. Petersen (KFA, Jülich)

10:30 COFFEE BREAK

11:00 Model Experiments on Depressurisation Accidents in
Nuclear Process Heat Plants (HTGR)
G. Fritsching (Interatom, Bergisch Gladbach)

WEDNESDAY, 3 SEPTEMBER 1980

11:30 Rapid Depressurization of a Helium Vessel: a Comparison
between Experimental Data and One-dimensional
Numerical Analysis
M. Dang (EIR, Würenlingen)

12:00 The HTR Safety Concept Demonstrated by Selected Examples
H. Sommer (HRB, Mannheim)

12:30 LUNCH

Chairman: V. Grebennik (Inst. of A. E. Moscow)

14:00 HTGR Safety Research Program
V. Joksimovic (GAC, San Diego)

14:30 Aspects of Water and Air Ingress Accidents in HTR's
J. P. Wolters (KFA, Jülich)

15:00 A Detailed Study of the Steam Entry Effect in GCFR
W. Heer (EIR, Würenlingen)

15:30 COFFEE BREAK

16:00 Pressure Transients Analysis of a High Temperature
Gas-cooled Reactor with Direct Helium Turbine Cycle
J. F. Dupont (EIR, Würenlingen)

16:30 Investigation on the Depressurization Behaviour of a
Typical HHT Thermal Insulation
J. F. Dupont (EIR, Würenlingen)

17:00 Safety Assessment of a Multicavity Prestressed Concrete
Reactor Vessel with Hot Liner
R. Lafitte (Bonnard & Gardel, Lausanne)

18:45 COCKTAIL at the Villa Mon Repos - Offered by the Author-
ities of the Town of Lausanne and the Canton of Vaud

FUTURE PROSPECTS FOR GCR SAFETY
Chairman: A. J. Goodjohn (GAC, San Diego)

9:00 Licensing of HTGR's in the United States
C. R. Fisher

9:30 Safety Design Features for Current UK Advanced Gas-
cooled Reactors
E. C. Cobb (Nuclear Power Company, Warrington)

10:00 COFFEE BREAK

10:30 The Reactor Safety Study for Experimental Multi-
purpose VHTR Design
T. Yasuno (Japan Atomic Energy Research Institute)

11:00 HTGR Safety Philosophy
V. Joksimovic (GAC, San Diego)

11:30 LUNCH

Chairman: R. Brogli (EIR, Würenlingen)

13:00 Analysis of some Accident Conditions in Confirmation
of the HTGR Safety
V. N. Grebennik (Institute of Atomic Energy, Moskau)

13:30 Use of Natural Circulation Mechanism for Core Cooling
of HTR with Helium Coolant, as a Factor to improve
their Safety
V.D.Kolganov (Institute of Atomic Energy, Moskau)

14:00 Investigations of Gas Explosions in a Nuclear Coal
Gasification Plant
K. Schulte (Interatom, Bergisch Gladbach)

14:30 COFFEE BREAK

15:00 PANEL DISCUSSION
Chairman: A. J. Goodjohn (GAC, San Diego)

17:00 CLOSING OF THE MEETING
A. J. Goodjohn (GAC, San Diego)
J. Kupitz (IAEA, Vienna)