
5. AGENDA OF THE MEETING

Meeting room: Administration Building, Main Conference Room
 Chairman : R. Pruschek

November 27

9:00 Opening

Session I Design Requirements
 Session Chairman: J. Malherbe

9:30 Design of a nuclear steam reforming plant
 by J. Malherbe

10:00 Coffee break

10:30 Core design for nuclear process heat reactor
 by A. L'Homme

11:00 Design and application for a high temperature nuclear
 heat source by R.N. Quade

11:30 Basic lay-out, arrangement and design criteria of
 heat components of the "nuclear coal gasification
 prototype plant (PNP)" by R. Pruschek

12:00 Lunch

Session II Design Construction and Prefabrication Tests for
 Special Components
 Session Chairman: K. Sanokawa

14:00 Materials evaluation and development for HTR-nuclear
 process heat application by H. Nickel, F. Schubert,
 H. Schuster, E.D. Grosser, W. Theymann

14:30 Intermediate heat exchanger for HTR process heat
 application by M. Crambes

15:00 Heat-exchanging components for coal gasification:
 - He/He intermediate heat exchanger (IHX) and
 steam reformer (STR) in the primary circuit
 by W. Niemeyer

15:30 Coffee break

16:00 Design, construction and operation experience
 of the He-He intermediate heat exchanger
 by M. Itoh

16:30 Analysis of heat exchanger bundles operated at
 elevated temperatures by U. Blumer

17:00 Helium-heated steam reformer by T. Meguro

18:00 Reception by KFA Board of Directors, KFA

November 28

Session II (continued) Session Chairman: K. Sanokawa

9:30 Gas generator for the steam gasification of coal with
 nuclear generated heat by G. Buchner

10:00 Coffee break

10:30 Design of steam generators for process heat plants:
 requirements, design concepts, status and further
 development by J. Rautenberg

11:00 Construction and performance tests of a secondary
 hydrogen gas cooling system by K. Sanokawa, M. Hishida

Session III Selected Problems
 Session Chairman: C.B. von der Decken

11:30 Results from integral tests of single reformer tubes
 under simulated nuclear reactor conditions by
 C.B. von der Decken, H. Fedders, R. Harth, B. Hühlein,
 E. Riensche

12:00 Lunch

13:30 Mechanical design aspects of HTR-heat exchanger components:
 description of loading conditions, discussion of failure
 modes, design criteria and present status of mechanical
 design work by H.-J. Seehafer

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