

4. AGENDA OF THE MEETING

Chairman: C.B. von der Decken

Tuesday, December 2

- 09.00 Opening
- 09.30 Session 1: Fission product plate-out I
Chairman: R.J. Blanchard
"In-pile helium loop "Comedie"
J.J. Abassin, R.J. Blanchard, J. Gentil
- 10.00 "Out-of-pile helium loop for liftoff experiments"
R.J. Blanchard, A. Bros, J. Gentil
- 10.30 "Experimental facilities for plate-out investigations
and future work"
K.H. Münchow, H. Dederichs, N. Iniotakis, B. Sackmann
- 11.00 Coffee break
- 11.30 Session 1: Continuation
- 12.00 "Results from plate-out investigations"
N. Iniotakis, J. Malinowski, H. Gottaut, K.H. Münchow
- 12.00 "Fission product plate-out study using in-pile loop OCL-1"
O. Baba
- 12.30 "Fission product behaviour in the peach bottom and
Fort St. Vrain HTGR's"
D.L. Hanson, N.L. Baldwin, D.E. Strong
- 13.00 Lunch
- 14.15 Session 1: Continuation

"Iodine Sorption and Desorption from low-alloy steel and
graphite"
R. Wichner, M.F. Osborne, R.A. Lorenz, R.B. Briggs

14.45

Session 2: Fission product plate-out II
Chairman: O. Baba

"Remarks on possibilities and limitations
of theoretical approach to plate-out problems"
E. Obryk

15.15 Coffee break

15.45 "Fission product behaviour in the primary circuit of
an HTR"
C.-B. von der Decken, N. Iniotakis

16.15 "Derivation of criteria for primary circuit activity in
an HTGR"
S.D. Su, A.W. Barsell

16.45 "The influence of dust on the hazard potential of a depressur-
ization accident of a high temperature reactor"
N. Iniotakis, C.B. von der Decken

19.00 IAEA cocktail reception, KFA-Jülich

Wednesday, December 3

- 09.00 Session 2: Continuation
- "Modelling of plate-out under gas-cooled reactor (GCR)
accident conditions"
A. Taig
- 09.30 "Safety research on iodine plate-out during postulated HTGR
core heatup events"
A.W. Barsell, O.P. Chawla, C.G. Hoot
- 10.00 Session 3: Decontamination of activity
Chairman: E. Obryk
- "Plate-out measurements and decontamination of a component of
the AVR reactor at Jülich"
J. Hanulík, H. Schmedt, J. Wahl

10.30	Coffee break	10.00	"Chemical reactions during nuclear drying of the AVR primary circuit following a water ingress" R. Nieder, K. Vey
11.00	Session 3: Continuation "Evaluation of a decontamination model" D.W.F. Rippin, J. Hanulik, E. Schenker, G. Ullrich	10.30	Coffee break
11.30	"Decontamination and high temperature materials" E. Schenker, G. Ullrich, J. Hanulik, W.B. Waeber, K.H. Wiedermann	11.00	Session 4: Continuation "Predictions on an HTR coolant composition after operational experience with experimental reactors" R. Nieder
12.00	"Maintenance concept of the gas-turbine in a 1640 MW direct cycle HTR" H. Schmed, H. Karaus, K. Röllig, F. Schenker	11.30	"Tritium behaviour in an HTR-system based on AVR-experience" W. Steinwarz, H.D. Röhrig, R. Nieder
13.00	Lunch	12.30	Lunch
14.00	Visit Tour, KFA-Jülich	14.00	Round table discussion Chairman: C.B. von der Decken
17.00	Departure to Aachen Visit of cathedral		- Summaries by the session chairmen - Discussion - Recommendations and conclusions
	Dinner	16.30	Closing

Thursday, December 4

09.00	Session 4: Coolant Chemistry Chairman: R. Wichner
09.30	"Coolant chemistry of the advanced carbon dioxide cooled reactor" R. Faircloth, K.S. Norwood, H.A. Prior
09.30	"Primary coolant chemistry at Peach Bottom and Fort St. Vrain HTRs" R.D. Burnette, N.L. Baldwin

5. LIST OF PARTICIPANTS

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