

Table of Contents

Report on the Joint PWI-HHF Task Group Meeting	Albuquerque, September 12-14, 1990		
Introductory Remarks	M. Cohen	DOE	1
<i>Special Presentations</i>			17
CIT Progress	M. Ulrickson	PPPL	19
Steady-state Tokamak	P. Politzer	GA	47
PFC Work in ARIES	C. Wong	GA	67
ATF Status and Plans	R. Langely	ORNL	85
<i>ITER Plasma Facing Components (PFC) R&D</i>			101
ITER PFC Design Status	S. Cohen	PPPL	103
	D. Smith	ANL	119
Plasma Edge Simulation Facility	Commentary		127
	S. Cohen	PPPL	129
	T. Yang	MIT	135
<i>ITER PFC Milestone Summaries</i>			139
PC1-1: Irradiation Effects in Graphites and Carbon Composites (CCs)			141
PC1-1.2: Physical Properties of Irradiated Graphites and CCs			145
PC1-2: Tritium Retention in Irradiated Graphites and CCs			147
PC1-3: Graphite-Steam Interactions			155
PC4-1: High Heat Flux Testing for Divertor and First Wall Armor			163
PC4-2: Erosion-Redeposition Studies (Modeling)			167
PC4-3: Erosion-Redeposition (Experiments for DIII-D)			171
PC4-3.1: Erosion-Redeposition (Program in DIII-D)			177
PC4-4: Erosion-Redeposition (PISCES Experiments)			183
PC4-5: Disruption and Runaway Electron Damage			189
PC4-6.2: Preferential Helium Pumping			193
PC4-7.1: Liquid Metal Divertor Momentum and Flux Measurements			199
PC4-8: Gaseous Divertor Simulation Experiments			205
PC4-9: Reduction of Sputtering by Thermionic Emission			213

Table of Contents continued

Report on the Joint PWI-HHF Task Group Meeting	Albuquerque, September 12-14, 1990		
<i>Program Review</i>			215
ANL PMI/HHF Programs	D. Smith	ANL	217
	A. Hassenein	ANL	231
Sandia PMI/HHF Programs	K. Wilson	SNL	241
	B. Doyle	SNL	265
	J. Whitley	SNL	273
UCLA PMI/HHF Programs	Y. Hirooka	UCLA	295
	A. Grossman	UCLA	313
MIT PMI/HHF Program Program	T. Yang	MIT	335
GA PMI/HHF Programs & ITER R&D	C. Wong	GA	349
ORNL PMI/HHF Programs & ITER R&D	T. Burchell	ORNL	369
PNL PMI/HHF Program & ITER R&D	G. Hollenberg	PNL	383
UNM PMI/HHF Programs & ITER R&D	J. Gahl	UNM	389
	A. Prinja	UNM	398
<i>Small Business Innovative Research (SBIR) Programs</i>			397
CREARE	A. Valenzuela		399
NAMCO	G. Engle		405
TRA	J. Weeks		409
Applied Sciences	A. Lide		419