

FESAC Development Path Meeting Draft Agenda

October 28, 2002

9:00 - 9:35:

- 1) Structural Materials Development for MFE and IFE - Steve Zinkle
 - What options could be possible for a 35-year Demo?
 - ODS steels? Vanadium? SiC/SiC ?
 - Various coolants?
 - Timelines for various classes of materials and coolants.
 - How fast could you go with more money?

9:35 - 9:55 Discussion

9:55 - 10:30

- 2) Component Testing in the MFE Development Path - Mohamed Abdou / Mike Ulrickson
 - Speak about what a blanket is.
 - Range of blanket options for a 35-year Demo
 - RAM requirements
 - Tritium supply issues

10:30 - 10:50

- 2.5) Options for a Component Test Facility (ST, Tokamak, GDT) - M. Peng

10:50 - 11:10 Discussion

11:10 - 11:45

- 3) First dry wall for IFE - Lance Snead
 - Tungsten
 - Silicon Carbide
 - Graphite
 - Ferritic steels

11:45 - 12:00 Discussion

12:00 - 1:00 Working Lunch

1:00 - 1:35

- 4) Licensing issues - Dave Petti
 - Required information for safety and licensing for Demo?
 - MFE timing issues (licensing of CTF)
 - Interaction with IFE ETF to Demo transition? (licensing of ETF)

1:35 - 1:55 Discussion

1:55 - 2:30

5) Engineering testing and the transition to 35-year Demo in the IFE path - Wayne Meier

HIF liquid walls

Z pinches

Dry walls

2:30 - 2:50 Discussion

2:50 - 3:00 Break

3:00 - 3:40

6) The EU development path - Karl Lackner

3:40 - 4:00 Discussion

4:00 - 4:40

7) The JA development path - Teruo Tamano / Kunihiro Okano

4:40 - 5:00 Discussion