



3rd progress meeting ENEA, March 27-28, 2014

Pelgrim

Fuel, Transmutation, Minor Actinides, oxide, irradiation, fabrication, modelling, spherepac, pellet, safety

PELGRIMM 3rd progress Meeting March 27-28, 2014 ENEA-HDQ side entrance: via Giulio Romano, 41

AGENDA

Thursday, March 27

09:30 Welcome Coffee

10:00 Welcome address

host

Project Status of the project

- Overview
- PMO's activities / WP5 & WP6
- WP6

F. Delage – 30'
Patricia Ho Hune – 15'
P. Dieguez Porras and F. Delage – 15'
all - 20'

Discussion

11:20 WP2 – Progress Status & Next Steps

- T2.1: SPHERE
- T2.2: Microwave technology investigation (D2.4)

Ralph Hania – 20'

M. Pouchon – 30'

Discussion

all - 20'

12:30 Lunch

14:00 WP1 - Progress Status & Next Steps

- T1.1: MARIOS
 - Non Destructive Examinations & gas puncturing (D2.2)
 - Pins transport & Destructive Examination
- T1.2: MARINE
 - Preliminary design & Irradiation conditions
 - Fuel & Pin fabrication

Ralph Hania – 30'

Syriac Béjaoui – 15'

Elio d'Agata – 15'

D. Freis & J. Somers – 15'

Discussion

all -15'

15:30 Coffee break

16:00 WP1 - Progress Status & Next Steps

- T1.3: WAR technology investigation (D1.10)

S. Picart – 20'

Discussion

all - 10'

16:30 WP3 – Progress Status & Next Steps

- Preparation of SPHERE & SUPERFACT data for benchmarking
- GERMINAL developments / MABB pelletized fuels (T3.2)

F. Delage – 10'

F. Delage – 10'

Discussion

all - 10'

17:00 Adjourn



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Friday, March 28

09:00 WP3 – Progress Status & Next Steps

- MACROS for MADF (T3.1) & MABB (T3.2) Sergei Lemehov –20'
- SPHERE/SPACON for MADF sphere-packed fuels (T3.1) M. Pouchon – 15'
- TRANSURANUS developments:
 - MADF Pelletized fuel (T3.1) Rolando Calabrese -15'
 - MADF Sphere-packed fuel (T3.1) Ralph Hania – 10'

Discussion all-15'

10:15 Break

10:30 WP4 –Progress Status & Next Steps

- Status of WP4 Design & Safety Analyses W. Maschek – 5'
- EDF contribution Damien Schmitt – 15'
- ENEA contribution to PELGRIMM Project WP4 Carlo Parisi – 15'
by C. Parisi, A. Del Nevo, D. Rozzia, C. Venturi, G. Abbate.
- Preliminary safety performance analysis: developments related to the assessment of
core thermal expansion feedbacks. L. Andriolo -15'
- Transient analysis of the ESRF core with MABB
using SAS4A and BELLA Janne Wallenius – 15'

Discussion

all - 15'

11:45 Summary, Action list & Next steps

12:00 End of the meeting