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Organisation de Coopération et de Développement Économiques
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NUCLEAR ENERGY AGENCY
NUCLEAR SCIENCE COMMITTEE

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SECOND MEETING OF THE EXPERT GROUP ON ACCIDENT TOLERANT FUELS FOR LIGHT WATER REACTORS (EGATFL)

AGENDA

23-25 September 2014
NEA Headquarters
Issy-les-Moulineaux, France

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English - Or. English

OECD/NEA NUCLEAR SCIENCE COMMITTEE

SECOND MEETING OF THE EXPERT GROUP ON ACCIDENT TOLERANT FUELS FOR LIGHT WATER REACTORS (EGATFL)

23 September (14.00-17.00) – 24-25 September 2014 (09:00-17:45)

NEA Headquarters (Room D)

12, boulevard des Iles - 92130 Issy-les-Moulineaux - France

AGENDA

Please be advised that for security arrangements at the OECD Nuclear Energy Agency you are kindly requested to report upon arrival to the Reception Desk on the ground floor with a photo ID. A badge will be issued that will allow you to enter the premises at all times during the meeting.

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Tuesday 23 September

14.00	Welcome and introduction of participants	*(Secretariat)*
14.15-14.30	1. Introduction and background	*(Secretariat)*
14.30-14.35	2. Approval of the agenda	*(Kemal P., INL)*
14.35-14.45	3. Approval of the summary record and review of the actions from the start-up meeting [NEA/NSC/DOC(2014)9]	*(Kemal P., INL, Secretariat)*
14.45-14.50	4. Review of the final mandate of EGATFL	*(Kemal P., INL)*
14.50-15.15	5. Nominations to Expert Group (EG) and Task Forces (TFs): • Review of nominations to EG and TFs • Process for election of TF Chairs	*(Kemal P., INL)*
15.15-15.30	*Coffee break*	
15.30-16.15	6. Method of work of EG and TFs: • Interactions between TFs and EG • Conditions of access to final deliverables produced by the TFs • Methods to establish synergies with related NEA activities • Interest of having regular presentations on national ATF programmes	*(Kemal P., INL)*
16.15-17.00	7. Expected outcomes from the TFs meetings scheduled on 24-25 September	*(Kemal P., INL)*

17.00 Adjourn

Wednesday 24 September

9-12.15 Task Force 1 (Systems assessment) meeting

09.00-11.15 1. Work plan for the next year:

- 1.1. Presentation on proposed activity for this TF *(15', Kemal P., INL)*
- Election of the TF Chair *(Secretariat)*
- 1.2. Summary presentation on metrics *(15', S. Bragg-Sitton, INL)*
- 1.3. Discussion on illustrative scenarios *(15')*
- 1.4. Discussion on system codes *(15')*
- 1.5. Proposal of method of work *(15', Kemal P., INL)*
- 1.6. Discussion: participants, method of work, timescale and coordination of contributions to the deliverables *(All)*
    - o Deliverable 1, "Definition of the illustrative scenarios and first parametric studies"
    - o Deliverable 2, "State-of-the-art report (metrics, system codes), recommendations and priorities"

11.15-11.30 Coffee break

11.30-11.45 2. Elements for a draft mandate for TF1 *(Kemal P., INL)*

12.00-12.10 4. Preliminary list of actions from this meeting *(TF1 Chair)*

12.10-12.15 5. Any other business *(TF1 Chair)*

12.15-14.00 Lunch break

14.00-17.15 Task Force 2 (Cladding/core materials) meeting

14.00-16.15 1. Work plan for the next year:

- 1.1. Presentation on proposed activity for this TF (*15', Kemal P., INL*)
- Election of the TF Chair *(Secretariat)*
- 1.2. Discussion on coated Zr-based alloys *(15')*
- 1.3. Summary presentation on SiC *(15', Jae-Ho Yang, KAERI)*
- 1.4. Summary presentation on FeCrAl *(10', E. Dolley, GE)*
- 1.5. Summary presentation on Mo *(5', A. Sowder, EPRI)*
- 1.6. Summary presentation on Accident Tolerant Control Rod *(15', M. Kurata, JAEA)*
- 1.7. Proposal of method of work *(15', Kemal P., INL)*
- 1.8. Discussion: participants, method of work, timescale and coordination of contributions to the deliverable "State-of-the-art report, recommendations and priorities" *(All)*

16.15-16.30 Coffee break

16.30-16.45 2. Elements for a draft mandate for TF2 *(Kemal P., INL)*

17.00-17.10 4. Preliminary list of actions from this meeting *(TF2 Chair)*

17.10-17.15 5. Any other business *(TF2 Chair)*

17.15 Adjourn

Thursday 25 September

9-12.15 Task Force 3 (Fuel concepts) meeting

09.00-11.15 1. Work plan for the next year:

- 1.1. Presentation on proposed activity for this TF *(15', Kemal P., INL)*
- Election of the TF Chair *(Secretariat)*
- 1.2. Summary presentation on enhanced UO_2 *(20', T. Liu, R. Li, CGN)*
- 1.3. Summary presentation on FCM *(20', Jae-Ho Yang, KAERI)*
- 1.4. Summary presentation on high density fuels *(20', Kemal P., INL)*
- 1.5. Proposal of method of work *(15', Kemal P., INL)*
- 1.6. Discussion: participants, method of work, timescale and coordination of contributions to the deliverable "State-of-the-art report, recommendations and priorities" *(All)*

11.15-11.30	*Coffee break*	
11.30-11.45	2. Elements for a draft mandate for TF3	*(Kemal P., INL)*
12.00-12.10	4. Preliminary list of actions from this meeting	*(TF3 Chair)*
12.10-12.15	5. Any other business	*(TF3 Chair)*
12.15-13.45	*Lunch break*	

13.45-17.45 EG ATFL + Task Forces meeting

13.45	Welcome	*(Kemal P., INL)*
13.45-14.15	1. Report from Task Force 1 (Systems assessment)	*(TF1 Chair)*
14.15-14.30	Discussion	
14.30-15.00	2. Report from Task Force 2 (Cladding/core materials)	*(TF2 Chair)*
15.00-15.15	Discussion	
15.15-15.45	3. Report from Task Force 3 (Fuel concepts)	*(TF3 Chair)*
15.45-16.00	Discussion	
16.00-16.15	*Coffee break*	
16.15-16.35	4. EGATFL: expectations from the Japanese industry	(*K.Kakicuhi, Toshiba*)
16.35-16.50	5. Overview of NEA related activities	*(Secretariat)*
16.50-17.00	6. Related recent and foreseen events (workshop, conferences)	
17.00-17.30	7. General discussion (coordination between TFs and with EG, suggestions on structure for next EG/TF meetings…)	
17.30-17.35	8. Preliminary list of actions from this meeting	*(Kemal P., INL)*
17.35-17.40	9. Date and place of the next meeting	
17.40-17.45	10. Any other business	*(Kemal P., INL)*
17.45	*Adjourn*	