

**NUCLEAR ENERGY AGENCY  
COMMITTEE ON THE SAFETY OF NUCLEAR INSTALLATIONS**

**Working Group on the Analysis and Management of Accidents**

11-13 September 2023  
OECD Nuclear Energy Agency (NEA) Boulogne  
46, quai Alphonse Le Gallo, 92100 Boulogne-Billancourt

Information Note: Use this area to provide a brief summary of the document or highlight any important information. This text will be displayed on the document page in O.N.E for Members and Partners.

Enter contact names here.

**Notification of the 26<sup>th</sup> Plenary Meeting of the  
Working Group on Analysis and Management of Accidents (WGAMA)**

11-13 September 2023, Room BB1  
OECD Nuclear Energy Agency (NEA) Boulogne  
46, quai Alphonse Le Gallo, 92100 Boulogne-Billancourt, France

The 26<sup>th</sup> Plenary Meeting of the Working Group on Analysis and Management of Accidents (WGAMA) will be held on **11-13 September 2023** at the **OECD Nuclear Energy Agency (NEA) Boulogne**, room BB1, 46, quai Alphonse Le Gallo, 92100 Boulogne-Billancourt, France. The meeting will commence at 09:30 of the first day and end by about 17:00 of the last day. For organizational reasons, **remote connection to the meeting is not foreseen**.

Delegates wishing to participate are reminded to **register by 25 August 2023** via: <http://www.oecd-nea.org/confdb/confdb/conf?id=712>. For security reasons, all participants must be registered before the meeting. Access will not be granted without the appropriate entry badge.

To view and share information exchanged during the meeting, please consult the dedicated WGAMA members website: [WGAMA members' webpage](#).

**Please upload meeting materials** (documents, proposals, presentations, etc.) at least two weeks before the meeting to [Meeting material](#) or send to the NEA Secretariat (in case you have no access to the WGAMA members' webpage).

**Contact information**

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Key dates	Event
25 August 2022	Deadline for uploading/sending meeting materials
25 August 2022	Deadline for registration
11 September 2022	WGAMA Annual meeting opens at 9h30

### Meeting location

OECD NEA Boulogne  
Room BB1  
46, quai Alphonse le Gallo  
Boulogne-Billancourt, France

Please arrive well in advance of the start of your meeting to allow sufficient time for security formalities. Delegates must bring their confirmation email and an appropriate piece of ID with them in order to pass through security at the front gate.

### Accessing the venue

In order to receive your participant's badge, you will be asked to present an identity card or passport at the reception desk.

For security reasons, please wear your badge at all times. You will also be asked to show your badge and proof of identity when you arrive each day. The badge should be kept until the last day of the meeting and returned to a drop box on exiting the premises on the last day of the meeting.

### Equipment available for presentations

The meeting room is equipped with a projector. A PowerPoint slide deck can be projected from a personal laptop.

### Transportation

OECD NEA Boulogne is accessible by public transport and by taxi. For more information, consult the [OECD Conference Centre website](#).

### Accommodation

Browse a [list of hotels](#) close to NEA Headquarters. Participants must arrange their own accommodation.

### Visas

Participants that require a visa to enter France should request a letter of invitation from the NEA Secretariat as soon as practical to support your travel.

## PRELIMINARY AGENDA – 26<sup>th</sup> WGAMA PLENARY MEETING

DAY 1, Monday 11<sup>th</sup> September 2023, starts 09:30

### PART 1: General

1. Welcome, opening remarks (Chair, Secretariat)
2. Adoption of the agenda NEA/SEN/SIN/AMA/A(2023)1 (Chair, Secretariat)
3. Approval of the summary record of the 25<sup>th</sup> WGAMA meeting NEA/SEN/SIN/AMA(2023)1 (Chair, Secretariat)
4. Secretariat report (mandate, membership, recent meetings, bureau composition, etc.) (Secretariat)
5. Confirmation of Chair, Vice Chair and Bureau of WGAMA (Secretariat)

### PART 2: Country Report

6. Synthesis and recommendations (Chair, Secretariat)
  - a. Discussion on Country Reports (all)

### PART 3: Report on WGAMA activities

7. T/H related activities
  - a. Good Practices for Analyses of Design Extension Condition without Significant Fuel Degradation (DEC-A) in operating NPPs, with WGFS, status update (J. Zhang)
  - b. Application Tests for Realization of Inverse Uncertainty quantification and validation Methodologies in thermal-hydraulics (ATRIUM), status update (L. Sargentini, A. Ghione)
  - c. International Standard Problem on advanced core cooling mechanism experiments, ACME, status update (J. Yang, D. Chengcheng, S Wang)
  - d. International Standard Problem on PKL experiment on Multiple SG U-tube rupture, status update (A. Del Nevo, S. Schollenberger), **Expression of Interest**
  - e. Harmonization of methodologies for experimental data collection and qualification, status update, (A. Petruzzi)
8. CFD Activities (P. Ruyer, J. P. Simoneau, S. Kelm, M. Wang)
  - a. CFD for Nuclear Reactor Safety phase 6 - Supporting an enlarged use, status update
  - b. CFD4NRS-9 workshop (K. Fernandez-Cosials, Y. Hassan), **report for approval**
  - c. Vattenfall dead leg T-junction experiment and benchmark (K. Angele, A. Manera, V. Petrov), status update
9. SA Related activities
  - a. State-of-the-art report on behaviour of combustible gases in a severe accident, status update (S. Gyepi-Garbrah)
  - b. Boundary conditions of scrubbing and remobilization of fission products in aqueous pools during severe accidents, status update (L. E. Herranz, S. Gupta)
  - c. Status Report on RPV Integrity Assessment for IVMR, joint with WGIAGE, status update (J. Zdarek, F. Fichot)
10. Conferences and workshop

- a. Collaboration in ERMSAR (European Review Meeting on Severe Accident Research) Conference series: Facing ERMSAR2024, status update (L. E. Herranz)
- b. Collaboration with BEPU2024 (Best Estimate Plus Uncertainty 2024 Conference (A. Petruzzi)
- c. Specialists Workshop on Advanced Instrumentation and Measurement Techniques for Nuclear Reactor Thermal Hydraulics and Severe Accidents (SWINTH-2024), status update (S. Gupta)

## DAY 2, Tuesday 12<sup>th</sup> September, starts 9:30

### PART 4: Future activities

#### 11. Activity proposals

- a. CAPS: COAL experiments investigating the reflooding of a 7 x 7 rods bundle during a loss of coolant accident thermalhydraulics results (P. Ruyer) - **CAPS for approval, with WGFS**
- b. CAPS: CFD4NRS-10 Workshop on experimental validation and application of CFD and CMFD codes to Nuclear Reactor Safety Issues (H. Nakamura) - **CAPS for approval**
- c. CAPS: THICKET Seminar on the Transfer of Knowledge Gained through CSNI Activities in the Field of Thermal-hydraulics (A. Petruzzi, H. Nakamura) - **CAPS for approval**
- d. Open discussion on CSNI Code Validation Matrix (CCVM) (All)

### PART 5: Reports from NEA Joint Projects

12. Outcomes from 13-19 January 2023 Nuclear Safety Research Joint Project Week “Success stories and opportunities for development” (D. Jacquemain)
13. Overview of NEA ongoing Joint Projects (D. Jacquemain)
14. Main outcomes of NEA completed projects (Operating Agents)
  - a. Joint Workshop on Analytical Activities related to OECD/NEA ATLAS3 and OECD/NEA ETHARINUS Projects, preparation status (M. Sanchez Perea, A. Bousbia Salah)
  - b. LOFC Loss of Forced Coolant project (K. Iigaki)
15. Proposed Joint Projects
  - a. LESSAC LEaching Studies on samples characteristic of SA damaged Core (CEA) (F. Audubert)
  - b. SYSTHER SYStem THERmal hydraulics (LUT, Framatome) (V. Riikonen, S. Schollenberger)

### PART 6: Fukushima Daiichi NPS related projects

16. Fukushima related project (Y. Kumagai)

**DAY 3, Wednesday 13<sup>th</sup> September, starts 09:30**

**PART 7: Reports from other CSNI WGs, NEA/NSC Task Groups, External Organizations**

17. Outcomes of the last CSNI meetings (V. Ranguelova)
18. Nuclear Science Committee Expert Group on Core Thermal-Hydraulics and Mechanics (EGTHM) (M. Avramova, A. Petruzzi)
19. IAEA (M. Gajdos)
20. EU/EURATOM R&D (R. Garbil)
21. NUGENIA/TA2 (L. E. Herranz)
  - a. Main outcomes of finished/current EC projects (L. E. Herranz , F. Mascari)

**PART 8: Miscellaneous and Administrative matters**

22. Meeting summary and list of actions (Chair, Secretariat)
23. Any other matters
24. Next meetings
25. Closure of meeting