



D. Rochman

Opening remarks

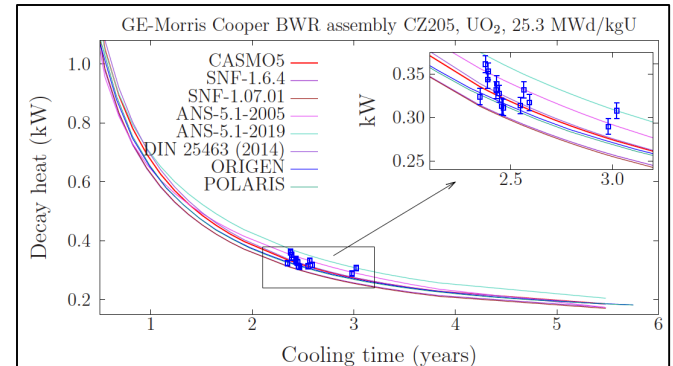
WPNCS SG12 Meeting, June 27th, 2022, OECD
Headquarters, Paris, France

Summary

- Recall of the general goal & motivation
- Activities in 2021/2022
- Today's plan

Subgroup general goal

- Goal: Provide users with reliable estimations of SNF-DH
 - Spent fuel from existing power plants
 - Decay heat for specific cooling periods (to be determined (*e.g.* < 3days, >months, years, decades, more)
- Intermediary steps:
 - Knowledge exchange, discussion, presentations
 - Report SOTA (state of the art)
- Preparation:
 - New benchmark
 - Measurement needs and possibilities
- Links:
 - NEA (WPEC, RW)
 - IAEA (NE, NA)
 - EU, national, international activities



- Short name: SG12
- Presentation at the WPNCS meeting, July 2021
- Ad-hoc meeting “Proposed activities”, September 2021
—>30 participants, 12 countries, 2 international organizations
- Activity Proposal Sheet (APS) sent to WPNCS, November 2022

Deliverables / Expected results	Report (and possibly extended journal paper) on the “state-of-the-art” concerning experimental and simulated decay heat quantities (existing, available, and unavailable measured quantities, experimental techniques and available facilities in the NEA membership, usefulness and non-covered needs; simulation tools, nuclear data, methods...)
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Activities in 2021

- Activity Proposal Sheet (APS) sent to WPNCS, November 2021

Milestones (Timescale)	<p>T0 : Accepted proposal and establishment of Subgroup</p> <p>T1 : T0 + 6 months : structure of the report (section names, expected details)</p> <p>T2 : T0 + 1 years : detailed description for a number of sections</p> <p>T3 : T0 +1.5 years : draft report, including updates from iterations</p> <p>T4 : T0 + 2 years : final report (and journal paper) for submission</p>
Lead organization and co-ordination (Individuals)	<p>Specify Co-ordinator(s) of the subgroup and organization taking primary responsibility for coordination of the subgroup and preparation of products. The co-ordinator</p> <ul style="list-style-type: none"> • D. Rochman, Paul Scherrer Institute, Switzerland
Monitor(s) (Individuals)	<ul style="list-style-type: none"> • O. Cabellos, UPM, Spain, Spanish delegate at the Nuclear Science Committee

Activities in 2022

- Online WPNCS meeting (short update), January 28, 2022
 - Official start of the SG12
- 1st meeting (online), March 15, 2022
 - Define the structure of the report, assign persons/sections
 - Discuss, collect ideas for a new DH computational benchmark
- Online meeting, April 1st, 2022
 - Update/debrief on the previous meeting (for participants unable to previously join)
- Online meeting, May 18, 2022
 - Defining a proposal for a DH benchmark, to be presented at the next meeting
- 2nd meeting (hybrid), today.

Today's plan

- Presentations & discussions
 - See the agenda: very interesting presentations !
- Status of the report
 - Already well advanced
- Proposal for a computational benchmark
 - Based on the remarks and feedback of the previous dedicated meeting
- Busy day, online participation: important to respect the time schedule

