



**Naval Nuclear Laboratory
PO Box 79, West Mifflin, PA 15122**

SUBJECT: Report on (Virtual) Foreign Travel to 2021 WPNCS Meeting
DATE:
TO: Dr. Angela Chambers, Nuclear Criticality Safety Program Manager, National Nuclear Security Administration / NA-511
FROM: M. L. Zerkle, NDAG Chair, Naval Nuclear Laboratory

MEETING TITLE:

2021 Working Party on Nuclear Criticality Safety (WPNCS)

MEETING LOCATION:

The meeting was held virtually due to the COVID-19 pandemic and was hosted by the OECD/NEA in Paris, France

MEETING DATES:

July 5-9, 2021

ATTENDEES ON BEHALF OF NCSP: [Only 1 report from the institution for ALL attendees]

M. L. Zerkle

MEETING PURPOSE:

The purpose of the meeting is to coordinate international co-operation on nuclear criticality safety topics. Dr. Zerkle attended the SG5 (benchmark quality expert knowledge), SG8 (integral experimental needs), 1st SFCOMPO Technical Review Group (TRG) meetings. He also attended the WPNCS meeting on July 8-9.

MEETING BENEFITS TO THE NCSP:

Participation in the annual WPNCS meeting at OECD/NEA provides the NCSP the opportunity to provide continuing technical leadership in technical areas important to nuclear criticality safety. Topics of interest include capturing expert knowledge related to ICSBEP benchmark quality, integral experiment needs, and spent nuclear fuel composition. It also provides the NCSP the opportunity to arrange technical collaborations with international experts in these areas. This was the initial meeting of the SPCOMPO TRG, a new TRG responsible for spent fuel composition and decay heat benchmarking activities. It is recommended that NCSP continue to follow developments on this TRG. As the SFCOMPO benchmarks mature they may prove quite valuable of NCS practitioners responsible for the safe handling, transport, and storage of spent nuclear fuel.



PURPOSE OF TRAVEL

N/A – The meeting was held virtually due to the COVID-19 pandemic.

Persons Contacted at Paris, France

N/A – The meeting was held virtually due to the COVID-19 pandemic.

Presentations, Chair Responsibilities, Etc.:

N/A – participated in meeting as a technical expert.

Distribution:

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