



**Lawrence Livermore National Laboratory
7000 East Ave, Livermore CA, 94550**

SUBJECT: Report on Foreign Travel to NEA WPEC Meetings (Remote)
DATE: 7/1/2021
TO: Dr. Angela Chambers, Nuclear Criticality Safety Program Manager, National Nuclear Security Administration / NA-511
FROM:

MEETING TITLE:

- WPEC Subgroup 48 (SG48): Advances in Thermal Scattering Law Analysis
- WPEC Subgroup 46 (SG46): Efficient and Effective Use of Integral Experiments for Nuclear Data Validation

MEETING LOCATION: Paris, France (Remote)

MEETING DATES: May 12, 2021

ATTENDEES ON BEHALF OF NCSP: Daniel Siefman

MEETING PURPOSE:

Dissemination of knowledge and results from NCSP sponsored experimental campaign that seeks to validate thermal scattering laws.

MEETING BENEFITS TO THE NCSP:

Feedback from participants will help to improve the quality of the experiment.

PURPOSE OF TRAVEL

To present results and status of Pulsed-Neutron Die-Away Experiments.

Persons Contacted at remote meeting

Ayman Hawari, Mike Zerkle, Jesse Holmes, Roberto Capote, Mathieu Hursin, Henrik Sjostrand, Luiz Leal

Presentations, Chair Responsibilities, Etc.:

Two presentations given:

- "Pulsed Neutron Die Away Experiments at Lawrence Livermore National Laboratory," Daniel Siefman, W. Zywiec, C. Percher, D. Heinrichs, LLNL-PRES-822220, Presented to SG46, May 12 2021.
- "Design of New Pulsed Neutron Die Away Experiments at LLNL," Daniel Siefman, W. Zywiec, C. Percher, D. Heinrichs, LLNL-PRES-822220, Presented to SG48, May 12 2021.

Distribution:

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