

**RENSSELAER POLYTECHNIC INSTITUTE
GAERTTNER LINAC CENTER
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DATE: June 24, 2013

SUBJECT: Report of Foreign Travel to Paris France – Yaron Danon, RPI.

TO: Jerry N. McKamy, Director, Office of Environment, Safety, and Health, National Nuclear Security Administration / NA-00-10/GTN, 1000 Independence Ave., SW, Washington, DC 20585-1290

FROM: Yaron Danon

MEETING TITLE: 25th Meeting Working Party on International Nuclear Data Evaluation Cooperation

MEETING LOCATION: NEA Headquarters, Issy-les-Moulineaux, France

MEETING DATES: May 20-24, 2013

ATTENDEES ON BEHALF OF NCSP: Yaron Danon

MEETING BENEFITS TO NCSP:

The WPEC meetings discuss International Corporation on nuclear data. Participation in WPEC is by invitation. Danon is the chair of the measurement committee on CSEWG and thus on the agenda to provide a report on US experimental activity. Participation in WPEC provides connection to other researches in other facilities and can provide access to nuclear data measured outside the NCSP supported activity. Danon also participated in subgroup 35 (SG35) created to improve the methodology for scattering angular distribution in the fast energy range. Danon also participated in subgroup 36 (SG36) that was created to provide a better description and usage of experimental data for evaluation in the resolved resonance region.

MEETING PURPOSE:

The main purpose of the travel is to participate in the WPEC meeting as an official member of the US delegation and to present a report on US experimental ND work during FY12-13. Another objective was to attend the subgroups of which the participant is a member.

SITES VISITED:

NEA Headquarters, Issy-les-Moulineaux, France

ABSTRACT:

The traveler participated in the WPEC meeting in NEA Headquarters, Issy-les-Moulineaux, France. The participant is an official member of the US delegation representing CSEWG measurement committed. The participant presented a report on US measurement activity during FY12-13 mostly based on reports provided during the November 2012 CSEWG meeting. The participant is also a member of subgroups 35 and 36 and participated in meetings of these subgroups.

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REPORT OF FOREIGN TRAVEL

**Yaron Danon
NEA Headquarters, Issy-les-Moulineaux, France
May 20-24, 2013**

PURPOSE OF TRAVEL

The purpose of the travel is to participate in the WPEC meeting as an official member of the US delegation and to present a report on US experimental ND work during FY12-13 and also to in SG35 and SG 36 meetings.

REPORT

The measurement committee report was given on Thursday and included reports on experimental activity in different laboratories in the world. The participant provide a report on activity in different US laboratories that included: LANL, LLNL, ORNL, RPI, LBNL, NIST

Overall 124 slides were presented to the participants and include details of the activities in the different laboratories as presented in the November 2012 CSEWG meeting.

The participant is also a member of subgroups 35 and 36. During subgroup 35 meeting the participant presented "Measurement of Neutron Scattering as Benchmark for Nuclear Data Evaluations" which describes a new methodology to benchmark scattering cross section and angular distributions in the fast energy region (0.5-20 MeV). This subgroup is looking at improvements in evaluations of angular distributions. Subgroup 36 was focused on developing better guidelines for submitting data to the EXFOR data base. The goal is to provide guidelines that experimentalists will adopt which will result in better archival of experimental data and better use of these data in the evaluation. During SG36 the participant gave a talk on the progress of this subgroup.

Meeting participants

Mark CHADWICK	ENDF
Yaron DANON	ENDF
Mike HERMAN	ENDF
Albert (Skip) KAHLER	ENDF
Ulrich FISCHER	JEFF
Robert JACQMIN	JEFF / Sg 27 / WPEC Chair
Arjan KONING	JEFF
Arjan PLOMPEN J	EFF / Sg C
Tokio FUKAHORI	JENDL
Hideo HARADA	JENDL / Sg 31
Makoto ISHIKAWA	JENDL
Sergei BADIKOV	RUSFOND/BROND (on behalf of Tengiz GOLASHVILI)
Mikhail KALUGIN	RUSFOND/BROND (on behalf of Viktor IGNATIEV)
Anatoly IGNATYUK	RUSFOND/BROND
Valentin SINITSA	RUSFOND/BROND
Robin	FORREST IAEA
Zhigang	GE IAEA/CENDL

Subgroup coordinators

Cyrille DE SAINT JEAN	JEFF / Sg 34
Mike DUNN	ENDF / Sg 28
Toshihiko KAWANO	ENDF / Sg 35
Dennis MCNABB	ENDF / Sg 38
Robert MILLS	JEFF / Sg 37
Giuseppe PALMIOTTI	ENDF / Sg 33
Massimo SALVATORES	JEFF / Sg 33
Yaron DANON	JEFF / Sg 36 (on behalf of Peter Schillebeeckx)

Observers and scientific advisors

Dave BROWN	ENDF
Samuel HOBLIT	ENDF
Luiz LEAL	ENDF
Young-Ouk LEE	KAERI/JEFF (excused)
Richard MCKNIGHT	ENDF
Jing QIAN	CENDL
Nengchuan SHU	CENDL
Haicheng WU	CENDL

Secretariat

Emmeric DUPONT	NEA
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Itinerary

5/20/13 - 5/21/13	Travel from Albany, NY to Paris, France
5/21/13	Subgroup 36 meeting
5/22/13	Subgroup 35 meeting
5/23/13 - 5/24/13	WPEC Meeting in NEA
5/27/13	Travel from Paris, France to Albany, NY

DISTRIBUTION

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