

**OAK RIDGE NATIONAL LABORATORY
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**ORNL
FOREIGN TRIP REPORT
TA 448 571**

DATE: December 26, 2019

SUBJECT: Report of Foreign Travel to Paris, France and Vienna, Austria– Vladimir Sobes, Reactor and Nuclear Systems Division

TO: Angela Chambers, Nuclear Criticality Safety Program Manager, National Nuclear Security Administration / NA-511/GTN, Pantex Plant, PO Box 30020, Amarillo, TX 79120-0020

FROM: Vladimir Sobes

**MEETING:
TITLE** Working Party on International Nuclear Data Evaluation Co-operation (WPEC) and International Nuclear Data Evaluation Network (INDEN)

**MEETING:
LOCATION** Nuclear Energy Agency (NEA), Paris, France, International Atomic Energy Agency (IAEA), Vienna, Austria

**MEETING:
DATES** 11/25/2019-12/05/2019

**ATTENDEES:
ON BEHALF
OF NCSP** Vladimir Sobes

**MEETING:
BENEFIT TO
NCSP** The benefit of this travel is that it supports the Mission and Vision of the Nuclear Criticality Safety Program. This travel supports the Mission of the Nuclear Data technical program element through the coordination of nuclear data activities and fostering a strong collaborative effort among international resources via active participation in the Working Party on International Nuclear Data Evaluation Co-operation (WPEC) and International Nuclear Data Evaluation Network (INDEN). Furthermore, this travel supports the ORNL Nuclear Data Milestone, ORNL-ND1, as detailed in the NCSP Five Year Execution Plan because nuclear data evaluations deliverable by ORNL were discussed as isotopes of interest for INDEN.

**MEETING
PURPOSE:** In brief, the purpose of this meeting was to improve coordination of nuclear data activities by fostering a strong collaborative effort among all of our national and international resources in the area of nuclear data. More details about the purpose of the meeting are provided in the attached invitation letters from the NEA and IAEA. The purpose of this trip was for Dr. Sobes to participate and represent the ORNL Nuclear Data and Criticality Safety group at the Working Party on International Nuclear Data Evaluation Co-operation and the International Nuclear Data Evaluation Network. The detailed minutes of the meeting are publicly released by the NEA and IAEA.

SITES VISITED: NEA, Paris, France and IAEA, Vienna, Austria

ABSTRACT: The traveler made a trip to the Nuclear Energy Agency (NEA) and the International Atomic Energy Agency (IAEA) to participate in the Working Party on International Nuclear Data Evaluation Co-operation and then International Nuclear Data Evaluation Network meetings. The purpose of these meeting was to improve coordination of nuclear data activities by fostering a strong collaborative effort among all of our national and international resources in the area of nuclear data.

Access to the information in this report is limited to those indicated on the distribution list and to U.S. Government Agencies and their Contractors.

REPORT OF FOREIGN TRAVEL

**Vladimir Sobes
Paris, France and Vienna Austria
November 25, 2019 – December 5, 2019**

PURPOSE OF TRAVEL

The traveler made a trip to the Nuclear Energy Agency (NEA) and the International Atomic Energy Agency (IAEA) to participate in the Working Party on International Nuclear Data Evaluation Co-operation and the International Nuclear Data Evaluation Network meetings. In brief, the purpose of this meeting was to improve coordination of nuclear data activities by fostering a strong collaborative effort among all of our national and international resources in the area of nuclear data. More details about the purpose of the meeting are provided in the attached invitation letters from the NEA and IAEA. The purpose of this trip was for Dr. Sobes to participate and represent the ORNL Nuclear Data and Criticality Safety group at the Working Party on International Nuclear Data Evaluation Co-operation and the International Nuclear Data Evaluation Network. The detailed minutes of the meeting are publicly released by the NEA and IAEA.

The benefit of this travel is that it supports the Mission and Vision of the Nuclear Criticality Safety Program. This travel supports the Mission of the Nuclear Data technical program element through the coordination of nuclear data activities and fostering a strong collaborative effort among international resources via active participation in the Working Party on International Nuclear Data Evaluation Co-operation (WPEC) and International Nuclear Data Evaluation Network (INDEN). Furthermore, this travel supports the ORNL Nuclear Data Milestone, ORNL-ND1, as detailed in the NCSP Five Year Execution Plan because nuclear data evaluations deliverable by ORNL were discussed as isotopes of interest for INDEN.

Persons Contacted at NEA and IAEA

Publicly available in meeting notes distributed by the NEA and IAEA

Itinerary

Publicly available in meeting notes distributed by the NEA and IAEA

DISTRIBUTION

1. Doug G. Bowen (bowendg@ornl.gov)
2. Angela Chambers (angela.chambers@mnsa.doe.gov)
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Ref.: TI/01102019/MF-HH

Boulogne-Billancourt, 1 October 2019

Dr. Vladimir SOBES
Oak Ridge National Laboratory
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UNITED STATES

**Subject: Invitation to the Working Party on International Nuclear Data Evaluation
Co-operation (WPEC) subgroup meetings at NEA Headquarters in
Boulogne-Billancourt, France, on 25-27 November 2019.**

Dear Dr. Sobes,

On behalf of the OECD Nuclear Energy Agency, I am pleased to invite you to attend the Working Party on International Nuclear Data Evaluation Co-operation (WPEC) subgroup meetings, which will take place at Nuclear Energy Agency Headquarters in Boulogne-Billancourt, France, on 25-27 November 2019.

Please be informed that travel expenses and accommodation cannot be supported by the OECD Nuclear Energy Agency and we kindly remind you of your responsibility to be covered by a valid personal insurance during your travel and stay in Paris.

The OECD Nuclear Energy Agency is very much looking forward to your active participation in these meetings as the Chair of the WPEC Subgroup 44 and we are eagerly anticipating results from the inter-comparison of fission observable correlations that should advance the state-of-the-art in uncertainty quantification and propagation.

Yours sincerely,



Tatiana Ivanova
Head of the Division of Nuclear Science



IAEA

Atoms for Peace and Development

الوكالة الدولية للطاقة الذرية

国际原子能机构

International Atomic Energy Agency

Agence Internationale de l'énergie atomique

Международное агентство по атомной энергии

Organismo Internacional de Energía Atómica

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Email: Official.Mail@iaea.org • Internet: <https://www.iaea.org>

In reply please refer to: EVT1900483

Dial directly to extension: (+43 1) 2600-21712

2019-10-09

Excellency,

I have the honour to inform you that the International Atomic Energy Agency (IAEA) will hold the **Consultancy Meeting of INDEN (International Nuclear Data Evaluation Network) on the Evaluated Data of the Structural Materials** (hereinafter referred to as "event") at its Headquarters in Vienna, Austria, from **2 to 5 December 2019**.

The purpose of the event is to coordinate the activities in different laboratories with the final goal of obtaining consistent evaluated data files that respect the differential data and perform well in integral experiments.

The event will be held in English.

I should be grateful if your Government would recommend an expert to be designated by the Secretariat as a participant in the event. The expert should have specialized knowledge of, or experience in, Member States are strongly encouraged to identify suitable women participants. In this connection, the Secretariat understands that Mr Vladimir Sobes (Oak Ridge National Laboratory, P.O. Box 2008, TN, Oak Ridge, United States of America, Email: sobesv@ornl.gov) could make a valuable contribution to the work of the event and your Government may wish to consider recommending him for this purpose.

The IAEA is generally not in a position to bear the travel and other costs of participants in the event. The IAEA has, however, limited funds at its disposal to help meet the cost of attendance of certain participants. The Scientific Secretary of the event, Mr Andrej Trkov, Division of Physical and Chemical Sciences (Email: A.Trkov@iaea.org) will liaise with the participants directly concerning further arrangements, including travel details, as appropriate, once we have received your Government's official response.

It should be noted that compensation is not payable by the IAEA for any damage to or loss of personal property. The IAEA also does not provide health insurance coverage for participants in IAEA events. Arrangements for private insurance coverage on an individual basis should therefore be made. The IAEA will, however, provide insurance coverage for accidents and illnesses that clearly result from any work performed for the IAEA.

I would appreciate receiving your Government's response not later than **24 October 2019**.

Accept, Excellency, the assurances of my highest consideration.



Melissa Denecke
Director
Division of Physical and Chemical Sciences
Department of Nuclear Sciences and Applications