



**Oak Ridge National Laboratory**  
**1 Bethel Valley Road**  
**Oak Ridge, Tennessee 37830**



**Subject:** Vienna  
**Date:** 10/18/2022  
**To:** Dr. Angela Chambers, Nuclear Criticality Safety Program Manager, National Nuclear Security Administration / NA-511  
**From:** Marco T. Pigni

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**Meeting Title:** Consultancy Meeting on the Evaluation of Light Elements

**Meeting Location:** Vienna

**Meeting Date:** 1--2 September

**Attendees on behalf of NCSP:**

Marco T. Pigni

**Meeting Purpose:**

The purpose of the event is to advise on R-matrix analysis of light elements for the INDEN-LE collaboration.

**Meeting Benefits to the NCSP:**

Within the nuclear criticality safety program, Oak Ridge National Laboratory (ORNL) has been performing work in key nuclear data work areas such as evaluation updates and improvements for light elements, structural materials, and fissile actinides.

**Purpose of Travel:**

To discuss updates to the 233,235U, 239Pu evaluations, 63,65Cu evaluations and light nuclei evaluation such as 16O. Additional discussion was devoted to the connection of many of these nuclei to the low reactivity found in the ENDF/B-VIII.0 library as a function of the burnup.

**Persons Contacted at Meeting:**

**Presentations, Chair Responsibilities, Etc.**

RES ID 183525,

**Distribution:**

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