

Agenda for the second meeting of WPEC Subgroup 37 on improved fission product yield evaluation methodologies.

The meeting will be held between 9.30am and 5.30pm at the NEA Databank on Monday May 12, 2013.

9:30 Welcome and introductions - R. Mills

Discussion of Task 1: Document and compare existing methodologies.

Presentations

Robert MILLS Description of current and proposed JEFF fission product yield evaluation methodologies

Discussion of Task 2:

Through insights amongst the subgroup participants, together with new measurements being made, the participants will strive to better understand and reconcile existing fission product yield discrepancies.

Tasks include:

- Analyze the implications of new measurements techniques which offer a qualitative and potentially a quantitative leap forward, for updating the current evaluated files.
- Examine the existing and planned fission product yield measurements and consider how to improve the current evaluation methodologies to gain maximum benefit from these new sources of data.
- Examine the use of the new theoretical methods to model yield distributions compared to existing models and the measurements, including for example, the recently published Lohengrin measurements and the LANL/CEA fast and 14 MeV plutonium measurements.

Presentations

Nicholas TERRANOVA Covariance Matrix Evaluation for Independent Fission Yields
Stephan POMP Merging GEF into TALYS
Robert MILLS Recent work on the GEF code

Discussion of Task 3:

Possible new fission product data, formats and use including covariance data.

Presentations

Olivier LERAY Status on fission yield perturbation methodology at PSI using CASMO-5
Robert Mills Recent work from the Universidad Polit3cnica De Madrid

17:30 Conclude