

**Organisation for Economic Co-operation and Development
Nuclear Energy Agency**

WPEC SG39

“Methods and approaches to provide feedback from nuclear and covariance data adjustment for improvement of nuclear data files”

Agenda

NEA Room B

NEA Headquarters, Issy-les-Moulineaux

November 27-28, 2014

	Thursday, November 27, 2014 NEA Room B	
13:30 – 13:45	Welcome (G.Palmiotti, M.Salvatores, Oscar Cabellos)	
13:45 – 14:30	Sensitivity methods <ul style="list-style-type: none"> • Sensitivity methods for SERPENT, M. Aufiero • Sensitivity code comparison for the SNEAK 7A/7B measurement analysis, I. Kodeli 	
14:30 – 16:30	Integral experiments <ul style="list-style-type: none"> • PROTEUS experiments: selected experiments sensitivity profiles and availability, M. Hursin, M. Salvatores • Neutron propagation experiments <ul style="list-style-type: none"> ◦ FNS Oxygen benchmark, I.Kodeli ◦ Proposals and volunteers for re-analysis (ASPIS etc), I. Kodeli? , S. Pelloni?, G. Aliberti? • STEK (variable spectrum hardness experiments for FP) re-analysis, D. Da Cruz • SEG (tailored adjoint flux shapes), M.Savatores (comments) • IPPE transmission experiments (Fe, ²³⁸U), T.Ivanova? • RPI semi-integral (Fe, ²³⁸U), G.Palmiotti (comments) • New experiments, e.g. in connection with the new NSC Expert Group on “Improvement of Integral Experiments Data for Minor Actinide Management”: G.Palmiotti (Some comments from the Expert Group) • Discussion on possible contributions to the analysis 	
16:30 – 17:30	Integral experiments <ul style="list-style-type: none"> • Additional PSI adjustment studies accounting for nonlinearity, S. Pelloni • Others? CEA? 	
17:30	Adjourn	

	<p style="text-align: center;">Friday, November 28, 2014</p> <p style="text-align: center;">NEA Room B</p>	
9:00 – 9:45	Am-241 and fission product issues <ul style="list-style-type: none"> • Am-241 validation for criticality-safety calculations, A. Barnes (Visio-conference) • Isotopes to be investigated by SG39, G.Palmiotti, all 	
9:45 – 10:30	Covariance data <ul style="list-style-type: none"> • Any new validation, improvement study, P. Archer? • Analysis presented by K. Yokohama at last meeting, if agreed, will be part of final report (K. Yokohama comments) • Need for new and complete covariance data. Feedback from CIELO expected (?) 	
10:30 – 10:45	Break	
10:45 – 12:30	Methodology <ul style="list-style-type: none"> • Methodology studies: summary, K. Yokoyama, G. Palmiotti • PIA: Progressive Incremental Adjustment, G.Palmiotti • NUDUNA / MOCABA: Monte Carlo-Bayes procedures for improved predictions of integral functions of nuclear data, A. Hoefer • FLATTOP-Pu, FLATTOP-25, ZPR-9/34, and ZPR-6/10 MC sensitivities, E. Ivanov et al. 	
12:30 – 13:45	Lunch Break	
13:45 – 14:30	Data archive, plots etc. <ul style="list-style-type: none"> • Update on comparison plots (Databank: O. Cabellos) 	
14:30 – 15:30	Next steps <ul style="list-style-type: none"> • Discussion (All); deliverables, final report • Availability of volunteers for new/dedicated integral experiment analysis (All) • Next meeting 	
15:30	Adjourn	