

WPEC Sub-group B: Formats and Processing

Report to WPEC, May 2006

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1. Format proposals

Very few new format proposals were received.

All well-prepared proposals were formally approved by CSEWG (in some cases proposers did not respond to objections or counter-proposals by CSEWG or the co-ordinator - such proposals had to be considered withdrawn or postponed). Ref.: CSEWG summary report.

Problem: There are differences of opinion about the role of the Sub-group co-ordinator. Such a lack of support made the work difficult and significantly less effective.

2. Formats manual

The ENDF-6 Formats Manual is not in good shape. During the conversion to the "Word" format many new errors were introduced. Manpower in the USA is insufficient for the proper maintenance of the manual.

Could a WPEC initiative improve the situation?

3. Evaluated nuclear data processing

NJOY continues to be the major data processing system, and is maintained at Los Alamos National Laboratory, USA. External needs are often serviced through private updates. Through personal contacts and initiative, an effort was made to collect and check for consistency amongst many of these "private collections". As a result, they are now all included in the official distribution of the NJOY updates.

Problem: As in the case of the formats, the role of the co-ordinator is poorly established. With such a lack of clarity and support, the work is difficult and less effective.

I would like to thank all concerned for many useful discussions.

Footnote: With effect from the departure of Andrej Trkov from the IAEA in mid-April 2006, the position of coordinator of Sub-group B has fallen vacant. The IAEA Nuclear Data Section has no plans, nor intention of providing a replacement at this time.