

NEA/NSC WPEC
SUBGROUP B: FORMATS AND PROCESSING
PROPOSED CHARTER

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PREAMBLE

Subgroup B will serve as an international forum, primarily electronic, for discussion and resolution of issues related to:

1. Evaluated data formats (ENDF) and procedures
2. Processing of evaluated data into formats for use in applications
3. Testing of evaluated and processed data for format and physics consistency
4. Reciprocal validation of commonly-adopted processing systems by intercomparisons
4. Other limited areas as directed by the WPEC

EVALUATED DATA FORMATS

1. Receive suggestions on needs for new/revised formats (preferably written in ENDF-102 style)
2. Provide help in translating suggestions into proper formats for ENDF-102
3. Present to CSEWG Formats and Processing Committee for consideration as a format change (fall of each year)
4. Communicate results to Subgroup B members

PROCEDURES

1. Receive questions on utilization of formats to represent evaluated data
2. Provide direct guidance or refer to CSEWG Formats and Processing Committee for interpretation
3. Communicate results to Subgroup B members

PROCESSING (Examples)

1. NJOY User's Group
2. AMPX User's Group (pending)
3. Multigroup library intercomparisons (VITAMIN group structure; NEA DB and RSICC involvement)
4. RADE checks of multigroup data in AMPX format (NJOY>SMILER>RADE: RSICC and NEA, Bologna)
5. Resonance reconstruction comparisons (NJOY, RECENT, SAMMY, REFIT, AMPX)

WORKING RELATIONSHIPS

1. Membership - appointed by international evaluation projects
2. Subgroup B Coordinator (U.S./CSEWG) receives/responds to queries from Subgroup members
3. Recommended Coordinator: Maurice Greene, ORNL, USA (AMPX project leader)

OTHER PROPOSALS FOR CONSIDERATION

1. Quality and completeness of covariance data
2. Unrestricted release of NJOY (or other processing code)
3. Explicit quantities and automatic checking of decay data files
4. Photonuclear data representation
5. Format for intermediate energy files (SG-13)
6. Activation file processing

