

DA7/324-0

Memo 4C-1/144

DATE: May 18, 1984

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SUBJECT: ENDF-VI Formats

On May 9-11, the Formats and Procedures Subcommittee of CSEWG held its annual meeting. The recommendations of the April meeting in Vienna (INDC (NDS)-156) were reviewed. The recommendations were provisionally adopted with the exceptions noted below pending a final review of the entire ENDF-VI format package in the next 2 months. I anticipate no significant changes as a result of this review.

1. The limit of 5000 points in a TABI record was not removed for the ENDF/B-VI library. More than 5000 points will be allowed in "derived" libraries and of course libraries other than ENDF/B-VI may exceed that limit if so desired.
2. The MT members 201 and 202 were approved but no decision has been made yet whether or not to restrict their use to "derived" libraries.
3. A format for identification material to be entered in file 1, section 451 was not fixed but left for later specification.
4. In order to prevent any possible future conflicts, isomer production cross sections must be given only in files 9 and 10. The MT number (26) which violates this rule has been deleted from ENDF-VI formats.
5. The binary format is not dead but will not be a prominent feature of the format. The character format will be emphasized in the manual.

In addition the following should be noted:

6. Bob Peelle will respond to the Petilli paper.
7. NNDC has provisional agreement to use ANSI standard Fortran 77 for the utility codes. Any computer with a compiler meeting these standards will be able to use the program without modification.

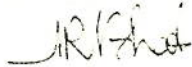
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8. A format for isomer production covariances (MF=40) was provisionally adopted.
9. The 700 series MT's for discrete levels from (n,p), (n,d) etc. has been expanded to use the range 600-849 giving 49 levels plus a continuum (50 MT members) for each outgoing particle (p,d,t,He-3, $\alpha$ ).
10. The MT number 602 has been reassigned to 522.

  
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R. MacFarlane  
R. Peelle

Distribution:

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