

Memo 4C-3/152

To: Distribution
From: H.D. Lemmel *LDL*
Subject: Delayed Fission Neutron Data
Reference: 4C-1/69 and 4C-3/140

9 January 1976

Whereas the major changes to the proposed Lexfor entry are most welcome, we find a number of small changes which seem to be unnecessary. Some of them do not seem to be improvements. It is a good practice to make changes in proposed Manual wordings only when there is a sufficiently important reason. We want to mention only the following items:

1. Under the heading "Delayed neutron groups":
Usually 6 delayed neutron groups are given, sometimes 5, more recently 7. The wording as revised by NNCSC is not better than ours.
2. Under item 1.) of our proposal:
Use the Greek character "nu" and not the Greek "ypsilon". Be consistent with the notation of "total" mu-bar. $\underline{\nu}$! (not υ)
3. Under item 2.) of our proposal:
 - a.) You may certainly add the term "relative abundance", but why omit the term "relative group yield"?
 - b.) Why omit the paragraph on the coding of half-lives of individual precursors? Please leave it in, in order to have the coding rules for this type of data complete.

We believe, that with these corrections this Lexfor entry can be regarded as agreed. We are therefore looking forward to receiving the corresponding update page for the Manual very soon.

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