

**KARLSRUHE**  
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**Information**

KERNFORSCHUNGSZENTRUM · D-7500 KARLSRUHE · POSTFACH 3640 · TELEX 7826-484

Memo CP-B/29

18.6.1979/Ki

Subjects: 1) TRANS B007

2) Proposal for a New Status-Code for Withdrawn Data

3) Proposal for a New Lab- and Report-Code

4) Comments on Memos CP-A/10 to A/16

CP-C/51 to C/56

CP-D/71 to D/84

CP-N2/2 and 3

1. KACHAPAG TRANS B007 has been mailed by May, 30, to the receiving centers. It contains now 95 entries from KACHAPAG and 12 entries from CAJaD.

As announced in CP-B/28, all E-formats in the data sections are now right adjusted and in all respective cases the new branch codes UND/(DEF) have been inserted. No important alterations, especially with respect to coding, have been applied to former entries. Only some changes in free text comments were performed with respect to the printed version of the file. Some changes and alterations in Dict. 27 will become necessary, which NDS will encounter when running the check-program.

2. Proposal for a New Status Code

Since we have encountered some cases, where data have been withdrawn by the author without giving new ones which supersede the former data, and in our opinion the status-code SPSDD does not cover such cases, we want to propose the following new status-code for dict. 16:

WDRN - data withdrawn by the author, no superseding data quoted.

CC: P.M. A#ree  
N. Dayday  
G. Lämmer  
H.D. Lemmel  
K. Okamoto  
O. Scherer  
P.M. Smith  
J.J. Schmidt

3. Proposal for New Lab- and Report-Codes

The following new codes should be implemented in dict. 3 and 6, respectively:

IUSASRE     Space Radiation Effects Lab., Newport News, Virginia  
CSIR-FIS     Council for Scientific and Industrial Research Reports,  
                 Pretoria, South Africa

3SAFSIR

4. Comments on Several Memos

a) To following memos we have no comments, resp. we agree to the proposed items. In cases of new codes proposed we either agree or are not concerned:

CP-A/10, A/13, A/15, A/16, 4C-4/30

CP-C/51 to C/56

CP-D/71, D/74 to D/80, D/82 to D/84

CP-N2/2

In cases were manual/protocol changes are discussed between NDS and NNDC, we will comment a unified version only, as agreed upon in Paris.

b) Comment on CP-N2/3 (coding of several journal-numbers in one issue), re. CP-D/84.

We agree to the comments given in CP-D/84 on this topic and to the manual changes proposed therein.

c) Comment on CP-D/81 (item 2.: CPND compilation activities).

In the mean time, we have decided for several reasons to change the preference in the sequence of compilations at Kachapag: Preference will be given to the most recent journal publications, independent of reaction type and energy; earlier papers as well as reports will be considered as time will be available. Thus, we have started to implement completely all 1977 papers on the basis of the Brookhaven bibliography.

d) Comment on CP-A/14 (coding of partial reactions leading to promptly decaying excited states).

This type of reaction is in our sense differential with respect to level energy; therefore, we are only less concerned with the problems encountered by CAJaD. However, we would like to point out that there arises, among others, one serious problem from CAJaD's proposal and we would like to ask also the other centers to consider it:

When introducing the excited level expansion -E as proposed in CP-A/14,

there would be the need of a clearcut definition of "promptly decaying" and "metastable" states which, however, depends obviously on the applied experimental method (a nano-second-isomer appears to be "prompt", if only in-beam  $\gamma$ -ray singles spectra are recorded, but is an isomer, if the experiment takes into account its half-life). Consequently, one and the same nuclear level may be coded with -E or -M, respectively. In our opinion it would be much more convenient to introduce a new branch-code denoting unambiguously that the data correspond to a specific promptly decaying level (e.g. some combination of the present codes PAR and PR).

In any case, these problems seem to us to be worthwhile discussing them at the October NRDC-meeting.

Distribution:

- |                           |                         |
|---------------------------|-------------------------|
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| C. S. Pearlstein, NNDC    | I. N. Tubbs, NEA-DB     |
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