**Nuclear Data Section**

**International Atomic Energy Agency**

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**Memo CP-D/1055 (Rev.)**

**Date:** 13 April 2023

**To:** Distribution

**From:** N. Otsuka

**Subject: LEXFOR “Status”**

**Reference:** CP-D/1053

To implement Conclusion 27 of the NRDC 2022 meeting

“When the numerical data are copied from a table or digitized from a figure of a reference, the table or figure number must follow the status code TABLE or CURVE and the code string of the reference under the keyword STATUS even if only one reference is coded under REFERENCE. Note that (1) the reference code string coded under STATUS and REFERENCE must be the same, and (2) the table/figure number must be in free text.”,

with extension of the STATUS format proposed in CP-D/1053, I propose following revision in the LEXFOR “Status”:

**Source of the Data**

The actual source from which the numerical values given in the data set were taken must be entered with a clear citation in free text under STATUS.

When the author's original numerical values have been lost or are not obtainable, data read from graphs, if available, should be entered into EXFOR for completeness. Data of this type should be labelled with the status code CURVE.

When the numerical data are plotted or tabulated in an article, its reference must be coded following CURVE or TABLE and a trailing comma. The reference must be the primary reference when it provides the figure or table.

***Example:***

STATUS (CURVE,,M.Brendle+,J,ZP/A,285,293,1978) Fig. 1

STATUS (TABLE,,O.Schwerer+,J,NP/A,264,105,1976) Table 2

STATUS (TABLE,,I.Gheorghe+,J,PR/C,96,044604,2017) Fig.11

For the last example, the date of receipt must be coded under HISTORY:

***Example:***

HISTORY (20210108R) Data received from I.Gheorghe by email.

When unpublished numerical values were received through private communication, the ~~first author and~~ date of receipt should be under HISTORY rather than STATUS.

***Example:***

STATUS (TABLE) Data (unpublished) received from M.Brendle.

HISTORY (20220815R) Received from M.Brendle by an email.

***Note:***

Older entries may have been labelled only under the keyword comment or history.

Regarding revision of the format rule proposed in Memo CP-D/1053, it would be better to treat the reference field as a mandatory field when the author is coded, for example,

(code,,author,reference)

Author field: first author, coded as under AUTHOR, followed by + when more than one author exists. This field is optional, and only permitted for the codes CURVE and TABLE; if omitted, the following comma is always included.

Reference field: This field is optional and only permitted for the codes CURVE and TABLE. This field must be present if the author field is not absent. The coding rules of this field are exactly same as those for the Reference field of MONIT-REF.

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