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Memo CP-D/593

Date: 13 November 2009
To: Distribution
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Subject: Dictionary 16 (Status codes) – DASTR

The following new status code is proposed:

Dictionary 16 (Status codes)

DASTR Data converted from DASTAR file

Data Storage and Retrieval System “DASTAR” was developed by IAEA Nuclear Data Unit (now Nuclear Data Section) and used at NDS and CJD before adoption of the EXFOR format as the official exchange format at the 5th Four Centre Meeting in 1969 [1]. There were about 900 DASTARs as of May 1969 [1]. J. J. Schmidt (NDS) regarded 472 DASTARs should be converted to EXFOR by NDS [2]. The translation work was completed by the 9th Four-Centre Meeting by NDS and also CJD finished translation of 65 USSR works in DASTAR to EXFOR at that time [3]. We can see text like “DASTAR”, “Dastar” or “dastar” in 142 entries in area 3 and 4.

In general one DASTAR is not corresponding to one EXFOR entry. For example, 247 old DASTARs were converted to 82 EXFOR entries at NDS by the 7th Four-Centre Meeting [2].

Recently we found an area 4 entry which HISTORY mentions the entry was translated from DASTAR to EXFOR but no information is available for the source of numerical data. The proposed code is intended to be used under STATUS of such entries.

We have similar STATUS codes SCISRS and NDD for EXFOR entries converted from SCISRS and NEUDADA files. See also Ref. [4] for a brief history of these old experimental neutron cross section data formats.

References:

- [1] (No name on the cover) INDC(NDU)-10 (1969).
- [2] V. May (Secretary), INDC(NDS)-41 (1972).
- [3] (No name on the cover) INDC(NDS)-54 (1973).
- [4] N. E. Holden, BNL-75288-2005-IR (2005).

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