Memo CP-D/609

Date: 4 February 2010
To: Distribution
From: N. Otsuka, S. Dunaeva, E. Dupont

Subject: **Evaluated data library coded under MONIT-REF**
Reference: Memo CP-N/086

There are variations in coding of evaluated data libraries under the keyword MONIT-REF. To keep consistency, the following update of the Formats manual is proposed

MONIT-REF: Gives information about the source reference for the standard (or monitor) data used in the experiment.

…

2. The code contains 3 main fields which may be preceded by a heading field:

> ((heading)subaccession#,author,reference)

…

> Reference Field. Must be present. May contain up to 6 subfields, coded exactly as under REFERENCE *except for evaluated data library (Type of Reference = 3), for which the two following general coding forms are allowed:*
> > (…,3,code-version,,date)
> > (…,3,code-version,MAT-number,date)

> *If the code-version is not known, provide the information in free text under the keyword MONITOR. Format manuals (e.g. ENDF-102 for the ENDF format manual) may not be coded under this keyword. Summary reports (e.g. ENDF-201 for the ENDF/B-VI library) may be coded with reference type R when the exact code-version information (e.g. ENDF/B-VI.8) is not available.*

> *Code-version subfield: Must be present. A code from Dictionary 144 (Data Libraries). The version may have any content (except commas) but should comply with official library numbering (see examples in Dictionary 144). In general, one should use a Roman numeral for versions of the ENDF/B library and Arabic numerals for other libraries and for the release number (e.g. ENDF/B-VI.8, JEFF-3.1, JENDL-3.3, etc.).*

> *MAT-number sub field: May be omitted, but the following comma is always included.*

> *Date subfield: Must be present. Date is taken from Dictionary 144 (Data Libraries) if it is not given by authors.*

…

Examples:

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MONIT-REF  ((MONIT),H.Matsunobu+,3,JENDL-3.3,,2002)

MONIT-REF  (,L.W.Weston+,3,JEFF-3.1,9228,2005)

MONIT-REF  (,,3,ENDF/B-VII.0,,2006)
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