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MEMO CP-N/86

DATE: 7 December 2009
TO: See distribution list (next page)
FROM: E. Dupont, N. Otsuka
SUBJECT: Update of dictionary 144 (Data libraries)
1/ Release dates added
2/ Extinct flags removed
3/ Expansion field length (A52)

Please, find attached a proposal to update dictionary 144 (Data libraries). Please, check the description, including release dates, of the libraries distributed by your organization.

1/ The release dates have been added in the free text description of the library. This information will be useful to compilers using the MONIT-REF keyword for evaluated data libraries [1].

Examples: ((MONIT),,3,JEFF-3.1,9228,2005)
(V0015005,F.MANERO+,3,VIEN-V,,1972)
(,3,JEF-2.2,9228,1993)

2/ It is proposed to remove all Extinct flags "X" from dictionary 144 and to no longer use Extinct and Obsolete flags in dictionary 144. Indeed, old data libraries are still available and may even be used or mentioned in recent works.

3/ Note that for compatibility with the EXFOR format, the expansion field length in dictionary 144 should be 52 characters (and not A55 format as mentioned in [2]). The description of some libraries has been modified to comply with this formatting.

[1] EXFOR Format Manual, IAEA-NDS-207, February 2008

[2] EXFOR/CINDA Dictionary Manual, IAEA-NDS-213, February 2008

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DICTION	144	200908 Data Libraries for new CINDA	3000014400001
AUSTR-DFN		Australian Library of Evaluated Neutron Cross Sections for Fission-Product Nuclei	30000144----- 30000144-----
BENZI-DFN		Bologna Library of Evaluated Neutron Cross Sections for Fission-Product Nuclei	30000144----- 30000144-----
BROND-		Russian Recommended Evaluated Neutron Data Library	30000144-----
		1993 BROND-2.2	30000144-----
		1992 BROND-2	30000144-----
CENDL-		Chinese Evaluated Nuclear Data Library	30000144-----
		1995 CENDL-2.1	30000144-----
		1991 CENDL-2.0	30000144-----
CNEN-CEA		Evaluated Data Library from CNEN (Italy) - CEA (France) Collaboration	30000144----- 30000144-----
EFF-		European Fusion File (< 1995); continued as JEFF-	30000144-----
		1994 EFF-2.4	30000144-----
		1986 EFF-1	30000144-----
ENDF/B-		US Evaluated Nuclear Data File	30000144-----
		2006 ENDF/B-VII.0	30000144-----
		2001 ENDF/B-VI.8	30000144-----
		2000 ENDF/B-VI.7	30000144-----
		1999 ENDF/B-VI.6	30000144-----
		1998 ENDF/B-VI.5	30000144-----
		1996 ENDF/B-VI.4	30000144-----
		1995 ENDF/B-VI.3	30000144-----
		1993 ENDF/B-VI.2	30000144-----
		1990 ENDF/B-VI	30000144-----
		1978 ENDF/B-V	30000144-----
		1974 ENDF/B-IV	30000144-----
		1972 ENDF/B-III	30000144-----
		1970 ENDF/B-II	30000144-----
		1968 ENDF/B-I	30000144-----
ENDL-		Livermore Evaluated Nuclear Data Library	30000144-----
		1986 ENL-86	30000144-----
		1978 ENL-78	30000144-----
EXFOR		EXFOR Experimental Nuclear Reaction Data Library	30000144-----
FENDL		Fusion Evaluated Nuclear Data Library	30000144-----
		2004 FENDL/E-2.1 (Evaluated data for n/g transport)	30000144-----
		1998 FENDL/E-2.0 (Evaluated data for n/g transport)	30000144-----
		1997 FENDL/A-2.0 (Activation)	30000144-----
		1997 FENDL/D-2.0 (Decay)	30000144-----
		1997 FENDL/DS-2.0 (Dosimetry)	30000144-----
		1997 FENDL/C-2.0 (Charged-particle fusion xs)	30000144-----
INDL-		IAEA Nuclear Data Library	30000144-----
		Files included in both INDL/A and INDL/V under the same accession number	30000144----- 30000144-----
INDL/A-		IAEA Nuclear Data Library for Actinides	30000144-----
INDL/V-		IAEA Nuclear Data Library for Various nuclei	30000144-----
IRDF-		International Reactor Dosimetry File	30000144-----
		2005 IRDF-2002	30000144-----
		1993 IRDF-90.2	30000144-----
		1990 IRDF-90.1	30000144-----
JEF-		Joint Evaluated File (< 1995); continued as JEFF-	30000144-----
		compiled at the OECD Nuclear Energy Agency Data Bank	30000144-----
		1993 JEF-2.2	30000144-----
		1991 JEF-2.1	30000144-----
		1990 JEF-2.0	30000144-----
		1985 JEF-1	30000144-----
JEFF-		Joint Evaluated Fission and Fusion Library (> 1995), formerly known as JEF and EFF files,	30000144----- 30000144-----
		compiled at the OECD Nuclear Energy Agency Data Bank	30000144-----
		2009 JEFF-3.1.1/GP (update of neutron data)	30000144-----
		2009 JEFF-3.1.1/FY (update of fission yields)	30000144-----
		2007 JEFF-3.1.1/DD (update of decay data)	30000144-----
		2005 JEFF-3.1 (general and special purpose files)	30000144-----
		2002 JEFF-3.0/GP (general purpose file)	30000144-----

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JENDL-	Japanese Evaluated Nuclear Data Library	30000144-----
	2002 JENDL-3.3, General Purpose File	30000144-----
	1994 JENDL-3.2, General Purpose File	30000144-----
	1990 JENDL-3.1, General Purpose File	30000144-----
	1985 JENDL-2 (Addition of Fission Products)	30000144-----
	1984 JENDL-2 (Revised)	30000144-----
	1982 JENDL-2	30000144-----
	1977 JENDL-1	30000144-----
JENDL-A-	JENDL/A, Activation File	30000144-----
	1996 JENDL/A-96	30000144-----
JENDL-AC-	JENDL/AC, Actinoid File	30000144-----
	2008 JENDL/AC-2008	30000144-----
JENDL-AN-	JENDL/AN, (alpha,n) Reaction Data File	30000144-----
	2005 JENDL/AN-2005	30000144-----
	2003 JENDL/AN-2003	30000144-----
JENDL-D-	JENDL/D, Dosimetry File	30000144-----
	1999 JENDL/D-99	30000144-----
	1991 JENDL/D-91	30000144-----
JENDL-FP-	JENDL/FPD, Fission Product Decay Data	30000144-----
	2000 JENDL/FPD-2000	30000144-----
JENDL-F-	JENDL/F, Fusion File	30000144-----
	1999 JENDL/F-99	30000144-----
JENDL-HE-	JENDL/HE, High Energy File (neutron and proton)	30000144-----
	2007 JENDL/HE-2007	30000144-----
	2004 JENDL/HE-2004	30000144-----
JENDL-PD-	JENDL/PD, Photonuclear Data File	30000144-----
	2004 JENDL/PD-2004	30000144-----
JNDC-FFP-WG	Nuclear data evaluated by JNDC Fast FP WG	30000144-----
JNDC-FP	JNDC nuclear data library of Fission Products	30000144-----
	Decay data, fission yields and one group xs	30000144-----
KEDAK-	Karlsruhe Evaluated Nuclear Data Library	30000144-----
RCN-	ECN, Petten, Evaluated Fission Product Cross	30000144-----
	Section Library	30000144-----
SOKRATOR-	USSR Evaluated Nuclear Data Library	30000144-----
	Superseded by BROND-2	30000144-----
UKFY2	UK Fission Yield library (UKFY) version 2	30000144-----
	in ENDF-6 format	30000144-----
UKNDL-DFN	United Kingdom Nuclear Data Library (UKNDL)	30000144-----
VIEN-V	Various International Evaluated Neutron data (VIEN)	30000144-----
ENDDICTION	49 0	3000014499999