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Date: 4 September 2012
To: Distribution
From: N. Otsuka

Subject: **Dictionary 207 (Book codes) – NRLMEN**

The book code NRLMEN has been defined as "Yadernye Reakcii Pri Nizkikh I Srednikh Energijakh (Nuclear Reactions at Low and Middle Energies), Moscow 1958, in Russian". In reality, this book code is for the supplement No.5 of Atomnaya Energiya published in 1957. I have recently obtained its English translation published by Consultants Bureau Inc., New York.

"Supplement No.5" of Atomnaya Eenergiya (Soviet Journal of Atomic Energy) was published several times, and there is no volume number on the cover page. Both 1957 and 1958 are printed on the cover of the supplement, but 1957 is the year of publication. I propose to make this book code obsolete, and code all articles in this book as follows:

- J,AE/S,1957,(5),*page*,1957 (for Russian original article)
- J,SJA/S,1957,(5),*page*,1957 (for English translation)

Dictionary 207 (Book codes)

NRLMEN (*Obsolete, use AE/S and SJA/S*)

Additional remarks:

40712.002

The cross section at 6 MeV is coded as 36 ± 16 mb, but it is 16 ± 10 mb in the supplement.

F0044 and M0340

These are compiled with this book code NRLMEN, but such articles do not exist in this supplement. CNPD and CDFE are asked to find the source of compilation, and correct their REFERENCE codes accordingly.

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Articles in Supplement No.5 of the Soviet Journal of Atomic Energy (Atomnaya Energiya), 1957
"Nuclear Reactions in Light Nuclei (Yadernye Reaktsii na Legkikh Yadrakh)"

Author	page		Title	EXFOR	Centre	REFERENCE should be
	Eng.	Rus				
A.Davidenko+	7	7	Determination of the total cross section for the $D(d,n)He^3$ reaction in the energy region 20-220 keV	A1168	CAJaD	J,SJA/S,1957,(5),7,1957 J,AE/S,1957,(5),7,1957
V.V.Volkov+	13	15	Investigation of the D-D reaction in the deuteron energy range of 0.20-1.75 MeV	A1170	CAJaD	J,SJA/S,1957,(5),13,1957 J,AE/S,1957,(5),15,1957
A.S.Ganeev+	21	26	The D-D reaction in the deuteron energy range 100-1000 keV	A1171	CAJaD	J,SJA/S,1957,(5),21,1957 J,AE/S,1957,(5),26,1957
E.M.Balabanov+	43	57	Measurement of the effective cross section for $D(t,n)He^4$ reaction in the deuteron energy range 40-730 keV	A1172	CAJaD	J,SJA/S,1957,(5),43,1957 J,AE/S,1957,(5),57,1957
L.N.Katsaurov+	53	71	Total tritium cross section for neutrons with energies of 2.5 and 14 MeV	40773	CJD	J,SJA/S,1957,(5),53,1957 J,AE/S,1957,(5),71,1957
A.V.Elpidinskii+	56	75	Measurement of the effective cross section for the Li6(n,α) reaction for 2.5-MeV neutrons	40774	CJD	J,SJA/S,1957,(5),56,1957 J,AE/S,1957,(5),75,1957
L.N.Katsaurov+	67	90	Total effective cross sections of Li^6 and Li^7 for neutrons with energies of 2.5 and 14 MeV	41218	CJD	J,SJA/S,1957,(5),67,1957 J,AE/S,1957,(5),90,1957
S.S.Vasil'ev+	69	92	Effective cross section for the $Be^9(n,\alpha)He^6$ reaction	40712	CJD	J,SJA/S,1957,(5),69,1957 J,AE/S,1957,(5),92,1957