30 August 1988

To: Distribution

From: O. Schwerer

Subject: Comments on TRANS 2122, 4070, and 4071

Please find attached our comments on TRANS 2122, 4070, and 4071.

Clearance: J.J. Schmidt

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Comments on TRANS 2122

Entry	Subent	Line(s)	Comment
21984			Deletions of subentries (with * in col. 80) should be made with NOSUBENT, otherwise the "empty" subentries stay in the master file and will continue to be retrieved.
22032			New subentry 6 should probably be subentry 5.
22038	1	23	RATIO-ERR not applicable to all subentries
22040	3	7	delete extra decimal point
22046	13	3	delete SF4 (not defined!)
	23	1	date on SUBENT record missing
		2	N1, N2 missing
		8	N1 missing
22056	4,5		ERR-ANALYS: delete code (DATA-ERR) because it is not used in DATA section
22057	2		delete FLAG from DATA section
22060*)	1	11	remove '(' in col. 12
	1,2		move MONIT column from COMMON section of subentry 1 to subentry 2, where the BIB keyword MONITOR is given.
	1	27	delete (RATIO-ERR)
22062	1	28	delete (RATIO-ERR), not used in all subentries
22064	3	49	heading MONIT2 in wrong position
22067	1	21	delete (RATIO-ERR)
22072	8	4	delete (DATA-ERR)
22073	2	9	MONIT-REF must include coded information
22079*)	2-7		For the around 3000 data lines of this entry, only a few DATA values are given. Subentries 4 and 6, having 960 and 552 data lines, respectively, each contain only the independent variables but not a single data point. Somewhere all the values must have been lost.
	3,5,7		delete EN-MIN from COMMON section because EN-MEAN is given in DATA section (Either EN-MEAN or (EN-MIN, EN-MAX) may be given).

*) retransmission requested

Comments on TRANS 4070

Entry	Subent	Line(s)	Comment
40602*)	1,2		When multiple monitors are coded with pointers, REACTION must be repeated
40619	5	13	delete pointers
40683*)	1		COMMON section: delete ANG-MIN and ANG-MAX because COS is given in subentries 3, 5, 7, 9, 11, 13, 15, 17, 19, 21 and angle not applicable to the other subentries (SIG)
40938	2,3	3	delete SPA from SF8 because it is average cross section for a narrow energy range but not a spectrum average. AV could be used instead, or rather leave SF8 blank.

Comments on TRANS 4071

Entry	Subent	Line(s)	Comments
40944	1		COMMON section: 1) Delete EN-NRM because it is =EN. 2) Delete also E-NRM because no E (secondary energy) is given.
	2	3	delete PAR from SF5 (not needed for isomeric cs).
40949	4	3	delete PAR from SF5
40947	1		COMMON section: delete EN-NRM (=EN)
	2	3	add MXW to SF8

*) retransmission requested