<u>Memo CP-D/181</u>

8 September 1988

To: Distribution

From: O. Schwerer *[signature]*

Subject: Comments on TRANS-A020

<u>General comments</u>

- For transmissions, alter flags in col. 80 should be given to indicate the modifications made to the other centres.

- Our opinion on the usage of IND and CUM in REACTION SF5 is expressed in memo CP-D/180. We do not mention this in detail in the present memo although there are a number of cases where we do not agree.

- Keyword STATUS missing in many entries.

- RAD-DET (as opposed to DECAY-DATA) still requires specification of isomeric state if there are any for this nuclide.
  However, if more details for the same nuclide are given under DECAY-DATA, it is not necessary to give RAD-DET in addition.

Clearance: J.J. Schmidt *[signature]*

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OSchwerer/sa x1716/3067N

Comments on TRANS A020

Entry	Subent	Line(s)	Comment
A0284	6	6	add -G to nuclide
	11	5	isomer extension needed
A0314	1	40	ERR-1 should be EN-ERR
A0319	3	13	move free text out of col. 11
	17	16	DATA-ERR 3 should be DATA-ERR M.
	23*)	22	value for DATA-ERR M missing
	30*)		1) pointers missing in BIB, COMMON and DATA sections
			2) units PER-CENT wrong for DATA (should be MB)
A0321	3	38	N1 should be =3
A0322	5*)		SUBENT record missing
A0347	1	5/6	name must not be split between 2 AUTHOR lines
	3	6,9	delete extension M+G (total isomeric sum is coded without extension)
		11	isomeric state code required
	4	6	" " " "
A0347	4*)		COMMON section: delete EN-MIN, EN-MAX because EN is given in DATA section (also, the EN values given there are in contradiction to EN-MIN, EN-MAX).
	6,7	18	27-CO-58 requires isomeric state code
	7	46	units for EN should be MEV (not MB)
	9	5	delete M+G
	10	9	isomeric state code required
A0350	7	7	14-SI-30 misspelled in SF2
		9	SF3 should be 3P
		15	SF3: R should be P
A0352	3	4	isomeric state code required
	4*)		Shouldn't the 2 isomers of 65-TB-150 be -G and -M rather than M1 and M2? The isomer extensions must also be given under RAD-DET and preferably also under DECAY-DATA.

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*) transmission requested

Entry	Subent	Line(s)	Comment
A0353	3	44	DATA 5 repeated; second one should be DATA 6.
A0360	5	4	isomeric state code required
A0362	5,6	5	isomeric state code required
A0363	1*)	6/7	name must not be split between 2 AUTHOR lines
		59	DATA-ERR 3 used in COMMON but not explained in BIB section
	2,3	5	isomeric state code required
A0364*)	1	7/8	name must not be split between 2 AUTHOR lines
	2-42		REACTION SF6 must be DA/DE instead of DA, as can be seen from data units MB/SR/GEV (DA would require units MB/SR). Also, heading MOM must be changed to MOM-SEC because the momentum of the outgoing deuterons is given (MOM is reserved for the momentum of incident particles and replaces EN). (MOM-SEC was, so far, needed for photonuclear data only).
	12	2	N2 in wrong position
A0365*)	1	6/7	name must not be split
	2-33		same as entry A0364: change DA to DA/DE and MOM to MOM-SEC

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*) retransmission requested