

240887 AM IAEA

BROOKHAVEN NATIONAL LABORATORY

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4C-1/192

DATE: August 17, 1987

TO: Distribution

FROM: V. McLane *VM*

SUBJECT: TRANS 2116, 3059, 3060

334-F4, 11, 21

031534

Enclosed are comments on TRANS 2116 additional to those given in memo 4C-3/310, and TRANS 3059 and 3060.

Charles L. Dunford
Charles L. Dunford

VM:a1

Distribution

- V. Manokhin
- J. J. Schmidt
- N. Tubbs
- NNDC (5)

- cc. *De Prooes*
Bandacias
Goulo
Lammer
Lummel
Martinez-Rico
Ohamoto
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Schwercs
Seits
Wang Dahai

AUG 24 1987

J. J. Schmidt

SEARCHED	INDEXED
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as stated

TRANS 2116

<u>AN</u>	<u>SAN</u>	<u>SEQ</u>	<u>COMMENTS</u>
* 21926	14,15,16		No angular momentum given No angular momentum given No angular momentum given
21973	1 2-5 4	14	Probably decay gammas detected Decay data should be given STATUS (DEP,21973003)

TRANS 3059

<u>AN</u>	<u>SAN</u>	<u>SEQ</u>	<u>COMMENTS</u>
* 30702	2-9		Need secondary energy
*	10-13		Need secondary energies, use E-EXC1 and E-EXC2 with excited nucleus defined under EN-SEC. (Suggest you might want to propose addition of E-EXC1-MIN, E-EXC1- MAX; etc).
30719	1	5,6	Author's name cannot continue across records
* 30733	2	3,6	Product is 73-TA-180- <u>G</u> with 8.152 hr. half-life
* 30739	2-6	3	Add PAR to SF5
30740	4	8,9	DECAY-DATA line should break after comma
	8	4,5,6	DECAY-DATA line should break after comma
	9	4,5	DECAY-DATA line should break after comma
	14	4,5	DECAY-DATA line should break after comma
	15	9,10,11	DECAY-DATA line should break after comma
30820	2,3,4	7	Monitor coding should start in column 12

TRANS 3060

*	30735	6,7,10,11		Secondary energies should be coded in COMMON in E-EXC1 and E-EXC2; excited nucleus should be identified under EN-SEC
*		8,9,12,13		Level energy should be coded in DATA section
	30749	all		DECAY-DATA with half-lives should be given
*		2	3	SF5 should probably be (M) or M+
*		5	3	Should probably be coded as: (42-MO-92(N,A)40-ZR-89-G,M+,SIG).
*	30807	4	3	Same as above
	30808	1	7	Field separator after reference type should be ",,".
*	30808	2,3	3	Should have "PAR" in SF5
*		4		Should have "PAR" in SF5 and "G" in SF7 since it is a function of the secondary neutron and gamma energies.

*Please retransmit