

Memo 4C-3/215

1977-11-29

To: Distribution

From:

Plot *Lemmel*
P.M. Attree, H.D. Lemmel and P.M. Smith *PS.*

Subject: Checking of incoming TRANS tapes

Our checking program now produces a summary of errors found in a TRANS tape. Attached is the output from checking TRANS 2037. We intend to send a copy of such output in future to the responsible center only. If others also want to have a copy, please inform us accordingly.

Of course, not all of the error messages will indicate a true error. Some will indicate codes to be added to dictionaries; some others will refer to unusual but correct cases, as illustrated in the sample attached. This sample also illustrates the need of an improved checking of nuclide codes.

Clearance: J.J. Schmidt



Distribution:

1. S. Pearlstein, NNDC
2. H. Derrien, CCDN
4. V. N. Manokhin, CJD

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3 spare copies

| | | |
|--|--------------------------------|----------------|
| ** INVALID REF-CODE = UKNDC-P71,, ** | <i>should be written</i> | 20705001 00004 |
| ** INVALID REF-CODE = UKNDC-P71,, ** | <i>UKNDC-P-71</i> | 20706001 00005 |
| ** INVALID REF-CODE = UKNDC-P80,, ** | | 20706001 00006 |
| ** INVALID REF-CODE = UKNDC-P71,, ** | | 20707001 00004 |
| ** INVALID REF-CODE = UKNDC-P63,, ** | | 20707001 00005 |
| ** INVALID REF-CODE = UKNDC-P71,, ** | | 20708001 00004 |
| ** INVALID REF-CODE = UKNDC-P63,, ** | | 20708001 00005 |
| ** METHOD/FACILITY/DETECTOR/ANALYSIS ? ** | <i>O.K. Reason given</i> | 20710002 00006 |
| ** METHOD/FACILITY/DETECTOR/ANALYSIS ? ** | <i>under COMMENT.</i> | 20710003 00006 |
| ** METHOD/FACILITY/DETECTOR/ANALYSIS ? ** | | 20710004 00006 |
| ** SF,YLD,CHN | <i>Dict. update being done</i> | 20711004 00003 |
| ** DATA NOT GIVEN ** | ! | 20712002 00011 |
| ** INVALID DATA HEADING = EN-RES-MIN ** | ✓ | 20712004 00009 |
| ** INVALID DATA HEADING = EN-RES-MAX ** | ✓ | 20712004 00009 |
| ** BAS,AMP | NOT FOUND ** | 20713002 00003 |
| ** INVALID CODE = 59-PR-149, ! ** | <i>146</i> | 20716005 00004 |
| ** CODE 63-EU-157 | INVALID FOR HALF-LIFE ** | 20716009 00004 |
| ** CODE 65-TB-162 | INVALID FOR HALF-LIFE ** | 20716011 00004 |
| ** CODE 65-TB-163 | INVALID FOR HALF-LIFE ** | 20716012 00004 |
| ** INVALID CODE = 65-TB-164 ** | | 20716013 00004 |
| ** CODE 67-HO-168 | INVALID FOR HALF-LIFE ** | 20716014 00004 |
| ** INVALID REF-CODE = UKNDC-P71,4 ** | | 20717001 00003 |
| ** INVALID CODE = 2AUSPVI ** | ✓ | 20718001 00009 |
| ** INVALID CODE = 21-SC-46-G ** | | 20718002 00004 |
| ** CODE 75-RE-188 ¹⁸⁷ | INVALID FOR ISO-QUANT ** | 20718015 00003 |
| ** INVALID CODE = 75-RE-189 ^{188-M} -M ** | ! | 20718015 00004 |
| ** CODE 75-RE-188 ¹⁸⁷ | INVALID FOR ISO-QUANT ** | 20718016 00003 |
| ** INVALID CODE = 75-RE-189 ^{188-G} -G ** | ! | 20718016 00004 |
| ** DATA NOT GIVEN ** | | 20719002 00015 |
| ** DATA NOT GIVEN ** | | 20719002 00017 |
| ** DATA NOT GIVEN ** | | |

Being added to new Nuclides Dictionary.

| | | |
|---|------------------------------|----------------|
| ** DATA NOT GIVEN ** | EN-RES should rather be | 20719002 00020 |
| ** DATA NOT GIVEN ** | entered as Multiple In-quant | 20719002 00021 |
| ** DATA NOT GIVEN ** | | 20719002 00024 |
| ** DATA NOT GIVEN ** | | 20719002 00025 |
| ** DATA NOT GIVEN ** | | 20719002 00026 |
| ** INVALID CODE = 25-MN-58-M ** | | 20721025 00004 |
| ** INVALID DATA HEADING = EN-RES-MIN ** | ✓ | 20725003 00013 |
| ** INVALID DATA HEADING = EN-RES-MAX ** | ✓ | 20725003 00013 |
| ** INVALID DATA HEADING = EN-RES-MIN ** | | 20725004 00009 |
| ** INVALID DATA HEADING = EN-RES-MAX ** | | 20725004 00009 |
| ** INVALID DATA HEADING = EN-RES-MIN ** | | 20726003 00011 |
| ** INVALID DATA HEADING = EN-RES-MAX ** | | 20726003 00011 |
| ** DATA-ERR1 NOT USED IN BIB SECTION ** | | 20726003 00011 |
| ** DATA-ERR2 NOT USED IN BIB SECTION ** | ! | 20726003 00011 |
| ** INVALID DATA HEADING = EN-RES-MIN ** | | 20726005 00013 |
| ** INVALID DATA HEADING = EN-RES-MAX ** | | 20726005 00013 |
| ** INVALID DATA HEADING = EN-RES-MIN ** | | 20726006 00010 |
| ** INVALID DATA HEADING = EN-RES-MAX ** | | 20726006 00010 |

being added to the dict.

✓ = Meanwhile added to Dict. as per CCDN-Memo.