Release notes for ENDF/B Development dec-095_Am_241 evaluation

May 3, 2017

- `checkr` Errors:

  1. STYPE out of order
     MAT=3578, MF= 8, MT=457 (0): STYPE goof

```
ERROR(S) FOUND IN MAT=3578, MF= 8, MT=457
   STYPE  5.0 OUT OF ORDER                          SEQUENCE NUMBER   319
```

- `fizcon` Errors:

  1. Energies released in decay not adding up!
     MAT=3578, MF= 8, MT=457 (1): Bad energy sum

```
ERROR(S) FOUND IN MAT=3578, MF= 8, MT=457
   PARTICLE ENERGY (AE) SUMUP FAILURE
       WHOLE= 5.58115E+06  SUM= 5.49003E+06         SEQUENCE NUMBER     3
```

  2. Energies released in decay not adding up!
     MAT=3578, MF= 8, MT=457 (2): Bad energy sum

```
ERROR(S) FOUND IN MAT=3578, MF= 8, MT=457
   ALPHA AVERAGE ENERGY SUMUP FAILURE
       WHOLE= 5.49003E+06  SUM= 5.58273E+06
```

  3. Energies released in decay not adding up!
     MAT=3578, MF= 8, MT=457 (3): Bad energy sum

```
ERROR(S) FOUND IN MAT=3578, MF= 8, MT=457
   NEUTRON MULTIPLICITY SUMUP FAILURE
       WHOLE= 0.00000E+00  SUM= 1.00000E+00
```

  4. Energies released in decay not adding up!
     MAT=3578, MF= 8, MT=457 (4): Bad energy sum

```
ERROR(S) FOUND IN MAT=3578, MF= 8, MT=457
   NEUTRON AVERAGE ENERGY SUMUP FAILURE
       WHOLE= 2.10872E-05  SUM= 7.78747E-04
```