```
ngnr  1  #1 fro Cs137, 2 Sr90, 3 Ag110m, 4 I131

title CESIUM RELEASE FROM SPHERICAL FUEL ELEMENT

te 121098240. 121746240.        #unit in s
dt 3.6E+4 3.6E+2                #unit in s
dtout 3.6E+5 3.6E+3             # timestep to print the output for current input it means to print after 10 time mesh
 200                                        0       1   1   1
   1   1
   0  01   0   0
rbe 2.5       3.0               #radius of #ith zone in the pebble fuel
nrbe   9  20                    #number of equidistant finemesh in each zone in fuel pebble
pzahl0  16350.0 zeit0d 1401.6 xn0 0 zeitpr 180. gamma 3.0
rcp  250.E-4  345.E-4  385.E-4  420.E-4 460.E-4         #radius of CFP layer [cm]
rkorn   5.E-4                   #outer radius of graphite grain
nrc  39  39  39  39  39         #number of equidistant finemesh in each zone in cfp
nk0   5                         #number of knots in an equidistant structure of the graphite grain
unkongk 1.0E-10 ukongp  1.0E-07 ukontp  1.0E-03 1.0E-04 1.0E-06 1.0E-06
d0g 3.6E-00 AKG 189.E+03 F0G F0PK F0PSIC F0DPK
d0k 1.0E+00 AKK 0. F0KG
d0p  0.E-05  1.E-08  6.3E-04  0. 6.3E-04
akp  0.E+03  0.  222.E+03  0.E+03  222.E+03
recker 0.0E-04 recpyc  0.0E-04 recgra 0.0 E-04
aci 21.94 bci  -44093. cgrenc  1.13 ifadc  -1 tgrenc            #if ifadc = -1 : sorption is ignored
anci 22.11 bnci -44543. enci -1.3689 fnci 3683.
ainv  0.  zerfk                 # if ngnr = ? : 1 = 7.29e-10, 2 = 7.712e-10, 3 = 3.21e-8, 4 = 1.e-6
ni0                             #number of data of time/temperatures, max.=500 @FRESCO. @ normal condition
azeit0                          #array of time
atemp0                          #array of temp
ni                              #number of data of time/temperatures, max.=500 @FRESCO. @ accident condition
azeit                           #array of time
atemp                           #array of temp

```