```
&DB
IHAFTIM = 0,
DFFILE = 'FGR 13 Morbidity',
RISKLIB= 'FGR 13 Morbidity',
NANUC =  5 ,
NIY =  8 ,
NPD =  5 ,
NPTS =  32 ,
NS =  5 ,
NPDS =  15 ,
U_activity = 'pCi' ,
U_dose_unit = 'mrem' ,
&END
&INDATA
TITLE = 'NIC Sc. 7-1 at 94 pCi/g (NRC Ksats), Unc Analy.',
NPTS = 32 ,
TDISK = '', VERS = '6.1',
XSPACE = 'LOG',
FINDPEAK = 1 ,
LYMAX = 17 ,
KYMAX = 1 ,
COVER0 = 0,
DENSCV = 1.5,
VCV = .001,
DENSCZ = 1.4,
VCZ = .001,
TPCZ = .45,
FCCZ = .3,
HCCZ = 30,
BCZ = 5.3,
HUMID = 8,
EVAPTR = .5,
PRECIP = 1,
RI = 0,
IDITCH = 0,
RUNOFF = .2,
WAREA = 1000000,
EPS = .001,
NS = 5,
TI = 0,
DENSAQ = 1.5,
TPSZ = .4,
EPSZ = .2,
FCSZ = .2,
HCSZ = 100,
HGWT = .02,
BSZ = 5.3,
VWT = .001,
DWIBWT = 10,
MODEL = 0,
UW = 250,
AREA = 1200000,
THICK0 = .15,
LCZPAQ = 100,
BRDL = 25,
T(1) = 0,
T(2) = 1,
T(3) = 3,
T(4) = 10,
T(5) = 30,
T(6) = 100,
T(7) = 300,
T(8) = 1000,
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T(9) = 0,
T(10) = 0,
INHALR = 8400,
MLINH = .0001,
ED = 30,
SHF1 = .7,
SHF3 = .4,
FIND = .5,
FOTD = .25,
FS = 1,
RAD_SHAPE(1) = 50,
RAD_SHAPE(2) = 70.71068,
RAD_SHAPE(3) = 0,
RAD_SHAPE(4) = 0,
RAD_SHAPE(5) = 0,
RAD_SHAPE(6) = 0,
RAD_SHAPE(7) = 0,
RAD_SHAPE(8) = 0,
RAD_SHAPE(9) = 0,
RAD_SHAPE(10) = 0,
RAD_SHAPE(11) = 0,
RAD_SHAPE(12) = 0,
FRACA(1) = 1,
FRACA(2) = .2732395,
FRACA(3) = 0,
FRACA(4) = 0,
FRACA(5) = 0,
FRACA(6) = 0,
FRACA(7) = 0,
FRACA(8) = 0,
FRACA(9) = 0,
FRACA(10) = 0,
FRACA(11) = 0,
FRACA(12) = 0,
DIET(1) = 160,
DIET(2) = 14,
DIET(3) = 92,
DIET(4) = 63,
DIET(5) = 5.4,
DIET(6) = .9,
SOIL = 36.5,
DWI = 510,
FDW = 1,
FHHW = 1,
FLW = 1,
FIRW = 0,
FR9 = 1,
FPLANT = 1,
FMEAT = 1,
FMILK = 1,
LFI5 = 68,
LFI6 = 55,
LWI5 = 50,
LWI6 = 160,
LSI = .5,
MLFD = .0001,
DM = .15,
DROOT = .9,
FGWDW = 1,
FGWHH = 1,
FGWLW = 1,
FGWIR = 0,
STOR_T(1) = 14,
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STOR_T(2) = 1,
STOR_T(3) = 1,
STOR_T(4) = 20,
STOR_T(5) = 7,
STOR_T(6) = 7,
STOR_T(7) = 1,
STOR_T(8) = 1,
STOR_T(9) = 45,
FLOOR1 = .15,
DENSFL = 2.4,
TPCV = .4,
TPFL = .1,
PH2OCV = .05,
PH2OFL = .03,
DIFCV = .000002,
DIFFL = .0000003,
DIFCZ = .000002,
HMIX = 2,
WIND = 2,
REXG = .5,
HRM = 2.5,
FAI = 0,
DMFL =-1,
EMANA(1) = .25,
EMANA(2) = .15,
C12WTR = .00002,
C12CZ = .03,
CSOIL = .02,
CAIR = .98,
DMC = .3,
EVSN = .0000007,
REVSN = 1E-10,
AVFG4 = .8,
AVFG5 = .2,
CO2F = 88.94,
H(1) = .3,
H(2) = .38,
H(3) = .59,
H(4) = .68,
H(5) = 1.5,
DENSUZ(1) = 1.35,
DENSUZ(2) = 1.4,
DENSUZ(3) = 1.35,
DENSUZ(4) = 1.35,
DENSUZ(5) = 1.3,
TPUZ(1) = .45,
TPUZ(2) = .45,
TPUZ(3) = .4,
TPUZ(4) = .4,
TPUZ(5) = .45,
EPUZ(1) = .2,
EPUZ(2) = .2,
EPUZ(3) = .2,
EPUZ(4) = .2,
EPUZ(5) = .2,
FCUZ(1) = .3,
FCUZ(2) = .3,
FCUZ(3) = .3,
FCUZ(4) = .3,
FCUZ(5) = .3,
BUZ(1) = 5.3,
BUZ(2) = 5.3,
BUZ(3) = 5.3,
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BUZ(4) = 5.3,
BUZ(5) = 5.3,
HCUZ(1) = 30,
HCUZ(2) = 30,
HCUZ(3) = 10,
HCUZ(4) = 10,
HCUZ(5) = 30,
INDPOPFLAG = 0,
OFFDISTANCE(1) = 250,
NUMDISTANCES = 0,
AMBIENTTEMP = 10,
LIDHEIGHT = 1000,
SOURCEHEIGHT = 10,
AGVEG(1) = 0,
AGVEG(2) = .5,
AGVEG(3) = .5,
AGMILK(1) = 0,
AGMILK(2) = .5,
AGMILK(3) = .5,
AGMEAT(1) = 0,
AGMEAT(2) = .5,
AGMEAT(3) = .5,
BEEFDENSITY = .164,
MILKDENSITY = .0207,
VEGLANDFRACTION = .0185,
YV(1) = .7,
YV(2) = 1.5,
YV(3) = 1.1,
TE(1) = .17,
TE(2) = .25,
TE(3) = .08,
TIV(1) = .1,
TIV(2) = 1,
TIV(3) = 1,
WLAM = 20,
RWET(1) = .25,
RWET(2) = .25,
RWET(3) = .25,
RDRY(1) = .25,
RDRY(2) = .25,
RDRY(3) = .25,
NUCNAM = 'Pb-210', 'Ra-226', 'Th-230', 'U-234', 'U-238', 'LAST',
S = 4*0, 94,
W = 5*0,
DCACTC = 100, 70, 60000, 2*50,
DCACTU1 = 100, 70, 60000, 2*50,
DCACTU2 = 100, 70, 60000, 2*50,
DCACTU3 = 100, 70, 60000, 2*50,
DCACTU4 = 100, 70, 60000, 2*50,
DCACTU5 = 100, 70, 60000, 2*50,
DCACTS = 100, 70, 60000, 2*50,
RLEACH = 5*0,
SOLUBK0 = 5*0,
SDCACTC(5) = 10,
NSENA = 1,
NUM_SAMPS = 300, NUMVAR = 8,
UNCPPD = 1 ,
UNCPND = 1 ,
SELPATH = 255,
&END
&DCF
T_DCF2=  .0138,  .0086,  .326,  .132,  .118,
T_DCF3= .00537, .00133, .000548, .000283, .000269,
```

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BIOFAC2=  100,  250,  500,  60,  60,
BIOFAC1=  300,  50,  100,  10,  10,
RTF2=  .0008,  .001,  .0001,  .00034,  .00034,
RTF3=  .0003,  .001,  .000005,  .0006,  .0006,
RTF1= .01, .04, .001, .0025, .0025,
SLPF1=  4.17E-09,  8.49E-06,  8.18E-10,  2.52E-10,  8.66E-08,
SLPF2=  1.63E-08,  2.82E-08,  3.4E-08,  2.78E-08,  2.36E-08,
SLPF3=  1.19E-09,  5.14E-10,  1.19E-10,  9.55E-11,  1.2E-10,
SLPF4=  8.88E-10,  3.85E-10,  9.1E-11,  7.07E-11,  8.73E-11,
SLPF5=  1.19E-09,  5.14E-10,  1.19E-10,  9.55E-11,  1.2E-10,
T_SLPFRN=  1.8E-12,  1.9E-13,  3.7E-12,  3E-15,  6.2E-12,  3.9E-11,
 1.5E-11,  3.7E-11,
T_KFACTR= 760,  150,  570,  250,
S_NUCNAM = 'Po-210','Te-125m',
S_DCF2 =  .0094,  7.29E-06,
S_DCF3 =  .0019,  3.67E-06,
S_SLPF1=  3.95E-11,  6.98E-09,
S_SLPF2=  1.45E-08,  1.45E-11,
S_SLPF3=  2.25E-09,  4.7E-12,
S_SLPF4=  1.77E-09,  3.33E-12,
S_SLPF5=  2.25E-09,  4.7E-12,
&END
```