

APPENDIX E
SAMPLE.JCL FILE

Line	0	1	2	3	4	5	6	7	8
Number	12345678901	23456789012	34567890123	45678901234	56789012345	67890123456	78901234567	89012345678	901234567890

```

1 //LDP JOB (CAARRDSSP,MLDP),PERRIN,PRTY=4,TIME=(1),NOTIFY=LDP
2 /*CNTL LDPJOB,EXEC
3 //*ROUTE PRINT HOLD
4 //PROCLIB DD DSN=CAAR.PROC.LIB,DISP=SHR
5 //* ***** LINK EDIT OBJECT MODULES
6 //LINK EXEC FORTVL
7 //LKED.OBJECT DD DSN=CAAR.AIRDOS.OBJ,DISP=SHR
8 //LKED.SYSIN DD *
9 INCLUDE OBJECT(PREPAR2)
10 ENTRY MAIN
11 NAME PREPAR2
12 INCLUDE OBJECT(AIRDOS2)
13 ENTRY MAIN
14 NAME AIRDOSE2
15 INCLUDE OBJECT(PREDA)
16 ENTRY MAIN
17 NAME PREDA
18 INCLUDE OBJECT(DARTAB2)
19 ENTRY MAIN
20 NAME DARTAB2
21 //* ***** PREPAR *****
22 //PRPR EXEC FORTVG,PGMNAME=PREPAR2,GREGION=1200K,COND=(4,LT)
23 //GO.FT06F001 DD DSN=*&OUTFILE,DISP=(NEW,PASS),
31 //GO.FT34F001 DD DSN=SAMPLE.STAR,DISP=SHR
32 //GO.FT27F001 DD DSN=*&PREPAR2,DISP=(,PASS),UNIT=SYSDA,
33 // SPACE=(TRK,(10,2)),DCB=(RECFM=FB,LRECL=80,BLKSIZE=2960)
34 //GO.FT28F001 DD DSN=*&OUTFILE2,DISP=(NEW,PASS),UNIT=SYSDA,
35 // SPACE=(TRK,(10,2)),DCB=(RECFM=FB,LRECL=133,BLKSIZE=5320)
36 //GO.SYSIN DD *
37 PLEASE GIVE TO ==> JIM HARDIN
38 PHONE NUMBER: 475-9610
39 JCL FILE ==> SAMPLE.JCL
40 ALLRAD FILE ==> ALLRAD88.DAT
41 POP FILE ==> SAMPLE.POP

```

E-2

SAMPLE.JCL File

Line	0	1	2	3	4	5	6	7	8
Number	1	2	3	4	5	6	7	8	9

```

24 // UNIT=SYSDA,SPACE=(CYL,(2,1)),DCB=(RECFM=FB,LRECL=133,BLKSIZE=5320)
25 //GO.FT21F001 DD DSN=&&FT21,UNIT=SYSDA,SPACE=(TRK,(10,1),RLSE),
26 // DCB=(RECFM=FB,LRECL=80,BLKSIZE=2960)
27 //GO.FT22F001 DD DSN=ALLRAD88.DAT,DISP=SHR
28 //GO.FT24F001 DD DSN=SAMPLE.POP,DISP=SHR
29 //GO.FT26F001 DD DSN=&&OUTDART,DISP=(NEW,PASS),
30 // UNIT=SYSDA,SPACE=(CYL,(2,1)),DCB=(RECFM=FB,LRECL=133,BLKSIZE=5320)
42 STARFILE ----> SAMPLE.STAR
43 PREDA FILE ----> PRDPOP.DAT
44 RADRISK FILE ----> RADRISK.BIN
45 *
46 ARGONNE NATIONAL LABORATORY
47 ADDRESS
48 ARGONNE
49 IL
50 ZIP CODE
51 DOE FACILITIES
52 YEAR
53 OPTION
54 &OPTI OPTION=0,1,,1,,0,0,1,1,LIPO=1,NUTB=0,NSTB=2,NNTB=0,NTTB=0,NRTB=0,
55 TSUBB=100.,GSFAC=0.5, &END
56 GRID
57 &GRID NRL=1,NRU=13 &END
58 METEOROLOGICAL DATA
59 &METE LID=700.,RR=80.0,TA=10.0 &END
60 PHYSICAL STACK DATA
61 1
63 &PHYS PH=61.0,VEL=0 &END
64 WIND FREQUENCY DATA
65 STAR
66 DEFAULT
67 RADIONUCLIDE DATA
68 14
69 &RADI NUC='AR-41',REL=1.46E+0 &END

```

E-3

SAMPLE.JCL File
(continued)

Line	0	1	2	3	4	5	6	7	8
Number	1	2	3	4	5	6	7	8	9

```

70      &RADI NUC='C-11',REL=9.00E+1 &END
71      &RADI NUC='CS-134',REL=2.04E-7 &END
72      &RADI NUC='CS-137',REL=4.95E-7 &END
73      &RADI NUC='BA-137M',REL=0.0,I1=-1,F=3.209E+6 &END
74      &RADI NUC='H-3',REL=5.03E+1 &END
75      &RADI NUC='I-129',REL=1.61E-5 &END
76      &RADI NUC='I-131',REL=1.52E-6 &END
77      &RADI NUC='KR-85',REL=1.70E+0 &END
78      &RADI NUC='NB-95',REL=1.55E-8 &END
79      &RADI NUC='PU-239',REL=5.61E-9 &END
80      &RADI NUC='RN-220',REL=6.98E+3 &END
81      &RADI NUC='SB-125',REL=3.38E-5 &END
82      &RADI NUC='ZR-95',REL=7.5E-9 &END
83      MODIFICATIONS OF NUCLIDE DATA
84      14
85      &MODI NUC='AR-41',LAMSUR=5.48E-5,SC=0.0,VD=0.0 &END
86      &MODI NUC='C-11',LAMSUR=5.48E-5,SC=0.0,VD=0.0 &END
87      &MODI NUC='CS-134',LAMSUR=5.48E-5,SC=1.00E-6,VD=1.8E-3 &END
88      &MODI NUC='CS-137',LAMSUR=5.48E-5,SC=1.00E-6,VD=1.8E-3 &END
89      &MODI NUC='BA-137M',LAMSUR=5.48E-5,SC=1.00E-6,VD=1.8E-3 &END
90      &MODI NUC='H-3',LAMSUR=5.48E-5,SC=0.0,VD=0.0 &END
91      &MODI NUC='I-129',LAMSUR=5.48E-5,SC=1.0E-6,VD=3.5E-2 &END
92      &MODI NUC='I-131',LAMSUR=5.48E-5,SC=1.0E-6,VD=3.5E-2 &END
93      &MODI NUC='KR-85',LAMSUR=5.48E-5,SC=0.0,VD=-0.0 &END
94      &MODI NUC='NB-95',LAMSUR=5.48E-5,SC=1.0E-6,VD=1.8E-3 &END
95      &MODI NUC='PU-239',LAMSUR=5.48E-5,SC=1.0E-6,VD=1.8E-3 &END
96      &MODI NUC='RN-220',LAMSUR=5.48E-5,SC=0.0,VD=0.0 &END
97      &MODI NUC='SB-125',LAMSUR=5.48E-5,SC=1.0E-6,VD=1.8E-3 &END
98      &MODI NUC='ZR-95',LAMSUR=5.48E-5,SC=1.0E-6,VD=1.8E-3 &END
99      POPULATION ARRAY
100     FILE 24
101     SKIP 3
102     USER
103     (8(I9,1X))

```

SAMPLE.JCL File
(continued)

Line	0	1	2	3	4	5	6	7	8
Number	12345678901	23456789012	34567890123	45678901234	56789012345	67890123456	78901234567	89012345678	90123456789

```

104      COMMENTS
105      ARGONNE NATIONAL LAB, IL UNIV. OF CHICAGO POP RUN
106      *
107      AG DATA
108      &AGDT F1V=.076,F2V=.924,F3V=0,F1B=.008,F2B=.992,F3B=0,
109      F1M=0.0,F2M=1.0,F3M=0 &END
110      //* ***** AIRDOS *****
111      //ADOS EXEC FORTVG,GREGION=900K,PGMNAME=AIRDOS2,COND=(4,LT)
112      //GO.FT06F001 DD DSN=&&OUTFILE,DISP=(MOD,PASS)
113      //GO.FT25F001 DD DSN=AIRDOS2,DISP=(,PASS),
114      //      UNIT=3380,SPACE=(TRK,(50,20),RLSE),
115      //      DCB=(RECFM=VBS,LRECL=1604,BLKSIZE=11476)
116      //GO.FT50F001 DD DSN=&&PREPAR2,DISP=(OLD,DELETE)
117      //GO.FT51F001 DD DSN=&&OUTFILE2,DISP=(MOD,PASS)
118      //***GO.SYSIN DD DSN=&&PREPAR2,DISP=(OLD,DELETE)
119      //* ***** PREDA *****
120      //PRDA EXEC FORTVG,GREGION=300K,COND=(4,LT),PGMNAME=PREDA
121      //GO.FT06F001 DD DSN=&&OUTFILE,DISP=(MOD,PASS)
122      //GO.FT05F002 DD DSN=PRDPOP.DAT,DISP=SHR
123      //GO.FT25F001 DD DSN=RADRISK.BIN,DISP=SHR
124      //GO.FT26F001 DD DSN=&&AIRDOS2,DISP=(OLD,PASS)
125      //GO.FT30F001 DD DSN=&&PREDA,DISP=(,PASS),UNIT=SYSDA,
126      //      SPACE=(TRK,(2,2),DCB=(RECFM=FB,LRECL=80,BLKSIZE=3120)
127      //GO.SYSIN DD *
128      PREPAR/AIRDOS-EPA/PREDA/DARTAB2
129      //* ***** DARTAB2 *****
130      //DRTB EXEC FORTVG,GREGION=800K,COND=(4,LT),PGMNAME=DARTAB2
131      //GO.FT06F001 DD DSN=&&OUTFILE,DISP=(MOD,PASS)
132      //GO.FT11F001 DD DSN=&&OUTDART,DISP=(OLD,DELETE)
133      //GO.FT12F001 DD DSN=&&SYNOPSIS,DISP=(NEW,PASS),
134      //      UNIT=SYSDA,SPACE=(CYL,(2,1)),DCB=(RECFM=FB,LRECL=133,BLKSIZE=5320)
135      //GO.FT13F001 DD DSN=&&FILE13,DISP=(NEW,PASS),
136      //      UNIT=SYSDA,SPACE=(CYL,(2,1)),DCB=(RECFM=FB,LRECL=133,BLKSIZE=5320)
137      //GO.FT14F001 DD DSN=&&FILE14,DISP=(NEW,PASS),

```

E-5

SAMPLE JCL File
(continued)

Line	0	1	2	3	4	5	6	7	8
Number	12345678901	23456789012	34567890123	45678901234	56789012345	67890123456	78901234567	89012345678	90123456789
138									
139									
140									
141									
142									
143									
144									
145									
146									
147									
148									
149									
150									
151									
152									
153									
154									
155									
156									
157									
158									
159									
160									
161									
162									
163									
164									
165									
166									
167									
168									