

Appendix J: An Example of NUTS's Debug Output File

NUTS_PA96 2.02 PROD PA96 05/23/96

05/24/96 11:45:54

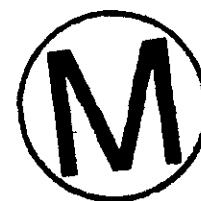
```

N   NN  UU  UU  TTTTTT  SSSSSS  PPPPPP  AAAAA  9999  6666
NN  NN  UU  UU  TT      SS      PP  PP  AA  AA  9  9  6
NNN  NN  UU  UU  TT      SS      PP  PP  AA  AA  9  9  6
NN  N  NN  UU  UU  TT      SSSSS  PPPPPP  AAAAAA  99999  66666
NN  NNN  UU  UU  TT      SS      PP      AA  AA  9  6  6
NN  NN  UU  UU  TT      SS      PP      AA  AA  9  6  6
NN  N  UUUUU  TT      SSSSSS  PP      AA  AA  9999  6666
  
```

NUTS - Nuclide Transport System Model

NUTS_PA96 Version 2.02
 PROD PA96 Built 05/23/96
 Written by Ali Shinta
 Sponsored by Ali Shinta

Run on 05/24/96 at 11:45:54
 Run on ALPHA AXP BEATLE OpenVMS V6.1



Prepared for
 Sandia National Laboratories
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FILE ASSIGNMENTS:

POSTBRAG_T CDB file:
 WP\$TESTROOT: [NUT.TEST.TEST4]NUT_TEST_CDPDC.IN;1
 Written on 01/24/96 12:00:08
 Is this a TEST RUN? (Y/N):
 Y
 I/O: (ASC, BIN, ASC-BIN):
 ASC



NUTS Input data file:
WP\$TESTROOT:[NUT.TEST.TEST4]NUT_CDPDC.IN;8
Written on 05/24/96 11:39:43

NUTS Output CDB file:
WP\$TESTROOT:[NUT.TEST.TEST4]NUT_CDPDC.OUT

NUTS Diagnostic/Debug data file:
WP\$TESTROOT:[NUT.TEST.TEST4]NUT_CDPDC.DBG

Calculate for LIQUID or GAS? (L/G):

L

BRAGFLO input file:

Read NUCLIDE related Material Properties from CDB or from NUTS input file (CDB/N:

N

SOLUBILITY AND INVENTORY CDB:

UNDISTRUBED SCENARIO CDB:

!!!!!!!!!!!!!! DIGNOSTIC MESSAGES !!!!!!!!!!!!!!!
!!!!!!!!!!!!!! TEST FILE INPUT !!!!!!!!!!!!!!!

NORMAL COMPLETION READING THE INPUT FILE
WP\$TESTROOT:[NUT.TEST.TEST4]NUT_TEST_CDPDC.IN;1

***** START SUBROUTINE ONED3DINDEX *****
***** END SUBROUTINE ONED3DINDEX *****

<><> START READING FROM READ_RAD SUB. <><>

!!!!!!!!!!!!!! DIGNOSTIC MESSAGES !!!!!!!!!!!!!!!
!!!!!!!!!!!!!! NUTS INPUT !!!!!!!!!!!!!!!
!!!!!!!!!!!!!! GENERAL PROPERTIES !!!!!!!!!!!!!!!

NORMAL COMPLETION READING NUCLIDES PROPERTIES FROM
WP\$TESTROOT:[NUT.TEST.TEST4]NUT_CDPDC.IN;8

NORMAL COMPLETION READING THE MATRIX PROPERTIES FROM
WP\$TESTROOT:[NUT.TEST.TEST4]NUT_CDPDC.IN;8

<><> FINISH READING FROM READ_RAD. <><>

<><> START INITIALIZATION IN INITIALIZATION SUB. <><>

<><> END INITIALIZATION IN INITIALIZATION SUB. <><>

***** START SUBROUTINE STOTALMAS *****

***** END SUBROUTINE STOTALMAS *****

***** START SUBROUTINE NTOTALMAS *****

***** END SUBROUTINE NTOTALMAS *****

***** START SUBROUTINE CURIES_VALUES *****


```
0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00  
0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00  
0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00  
0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00  
0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00  
0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00  
0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00  
0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00  
0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00  
0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00 0.00000E+00
```

```
END END END END END END END END END  
BYE BYE BYE BYE BYE BYE BYE BYE BYE  
|||||  
*****
```

```
***** START SUBROUTINE STOTALMAS *****  
***** END SUBROUTINE STOTALMAS *****  
***** START SUBROUTINE NTOTALMAS *****  
***** END SUBROUTINE NTOTALMAS *****  
***** START SUBROUTINE CURIES_VALUES *****  
***** END SUBROUTINE CURIES_VALUES *****  
***** START SUBROUTINE CNTOTALMAS *****  
***** END SUBROUTINE CNTOTALMAS *****
```

