

```

* RINSC leu fuel cell 7/98
CELL 6
NPLATE 1
SEQUENCE 2
NGROUP 34 7 7
NMESH 8 8
NREGION 4 0 4
NMATERIAL 4 1
PREOUT
LAST PRELUDE CARD
INITITATE
1st MAIN DATA CARD
SLAB 1 0.02540 1
MEAT
SLAB 2 0.06350 2
CLAD
SLAB 3 0.17530 3
D2O
SLAB 4 0.17751 4
Xtra region sideplate & water gap
MESH 2 2 2 2
MATERIAL 1 -1 300.0 1 27 3.88984E-02 29 5.94365E-03 $
Meat
      235.1 1.75523E-03 238.1 7.04193E-03 149 1.00E-20 $
      135 1.000E-20 3239.1 1.000E-20 $
      240.1 1.000E-20 241.1 1.000E-20 242.1 1.000E-20 $
      1241.1 1.000E-20 1149 1.000E-20 2135 1.000E-20 $
      236.1 1.00E-20 1238.1 1.000E-20 237.1 1.00E-20
MATERIAL 2 -1 300.0 2 27 6.02669E-02 10 2.98636E-07 $
Al clad
      11 1.21115E-06
MATERIAL 3 -1 300.0 3 2001 6.68610E-02 16 3.34305E-02
H2O
MATERIAL 4 -1 300.0 4 27 4.2673E-02 2001 1.9519E-02 $
Xtra region
      16 9.7597E-03
FEWGROUPS 3 5 6 8 10 13 15 16 18 20 22 24 26 27 29 32 34 37 $
      38 40 42 44 45 47 50 52 54 56 59 60 61 64 66 69
POWERC 1 519 0.0 1
BEGINC
end of DATA
OPTION 3
full edit
BUCKLING 2.77E-03 2.33E-03
B-sq no eff on xs
LEAKAGE 5 1
BEEONE 0 7
PARTITION 5 15 27 45 52 59 69
RR EDIT
THERMAL 10
REGION 1 3 1 4
ISOXS 0 1 0 0 0 1 1 0 0
HUSE
RINSC isotxs

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HSETID
RINSC LEU Fuel region
ISOTOPES 2001 16 27 10 11 29
ISONAMES
HF4 OF4 ALF4 B10F4 B11F4 SIF4
EDITCELLS 1 1 1 0
VECTOR 2 7 14 23 26 29 34
relate FEWGROUPS
BEGINC