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%NYE county ventilation study, test Case 1, C&J comparison
%Date: 9/9/02
%model code ( 1,2, or 3 for 2D, 3D-diagonal, and full 3D processing)
1

%number of layers
1 1

%%section-to-segment assignment
%1- segment index
%2- segment to layer assignment
%3- layer to segment assignment
%4- drift section length
%5- model multiplier
1
1
1
1
1

%NTCF constant optimizer search windows
%[temperature(lower upper increment) pressure(lower upper increment) heat optimization flag]
15 25 1 800 1200 20 0

%nufftfunl perturbation flags
1 1

%amplitude of randomized correction of central values
%temperature      Pressure
    0.001          0.01

%control flags for the negative corrections in NTCF matrices
2 2

%time divisions and number of NUFT internal time ticks
137 99

%time vector (size: 1 x timeDiv)
0.0000000e+00    6.9410896e-04    9.1955028e-04    1.1449916e-03    1.3704329e-03    1.5958742e-03
1.8965717e-03    2.1972692e-03    2.4979668e-03    2.7986643e-03    3.2336372e-03    3.6686101e-03
4.1035830e-03    4.5385558e-03    5.0437296e-03    5.5489033e-03    6.0540773e-03    6.5592510e-03
7.2026301e-03    7.8460089e-03    8.4893880e-03    9.1327668e-03    9.9306791e-03    1.0728592e-02
1.1526504e-02    1.2324416e-02    1.3285151e-02    1.4245886e-02    1.5206621e-02    1.6167356e-02
1.7326342e-02    1.8485327e-02    1.9644314e-02    2.0803299e-02    2.2181970e-02    2.3560641e-02
2.4939312e-02    2.6317982e-02    2.7956474e-02    2.9594966e-02    3.1233458e-02    3.2871948e-02
3.4815594e-02    3.6759237e-02    3.8702880e-02    4.0646523e-02    4.2951926e-02    4.5257329e-02
4.7562733e-02    4.9868133e-02    5.2605144e-02    5.5342155e-02    5.8079166e-02    6.0816177e-02
6.4076730e-02    6.7337285e-02    7.0597840e-02    7.3858395e-02    7.7755441e-02    8.1652486e-02
8.5549535e-02    8.9446580e-02    9.4132459e-02    9.8818339e-02    1.0350422e-01    1.0819010e-01
1.1386277e-01    1.1953544e-01    1.2520811e-01    1.3088078e-01    1.3779754e-01    1.4471431e-01
1.5163108e-01    1.5854785e-01    1.6707269e-01    1.7559754e-01    1.8412238e-01    1.9264722e-01
2.0327139e-01    2.1389556e-01    2.2451974e-01    2.3514391e-01    2.4857667e-01    2.6200943e-01
2.7544219e-01    2.8887495e-01    3.0614320e-01    3.2341144e-01    3.4067971e-01    3.5794794e-01
3.8060277e-01    4.0325760e-01    4.2591243e-01    4.4856725e-01    4.7903057e-01    5.0949391e-01
5.3995722e-01    5.7042053e-01    6.1265128e-01    6.5488203e-01    6.9711274e-01    7.3934349e-01
8.0450763e-01    8.6967174e-01    9.3483589e-01    1.0000000e+00    1.0625000e+00    1.1250000e+00
1.1875000e+00    1.2500000e+00    1.3125000e+00    1.3750000e+00    1.4375000e+00    1.5000000e+00
1.5625000e+00    1.6250000e+00    1.6875000e+00    1.7500000e+00    1.8125000e+00    1.8750000e+00
1.9375000e+00    2.0000000e+00    2.0625000e+00    2.1250000e+00    2.1875000e+00    2.2500000e+00
2.3125000e+00    2.3750000e+00    2.4375000e+00    2.5000000e+00    2.5625000e+00    2.6250000e+00
2.6875000e+00    2.7500000e+00    2.8125000e+00    2.8750000e+00    2.9375000e+00    3.0000000e+00

%pbars vector (size: 1 x timeDiv)
88720 88720 88720 88720 88720 88720 88720 88720 88720 88720 88720 88720 88720 88720 88720 88720 88720 88720 88720 88720
88720 88720 88720 88720 88720 88720 88720 88720 88720 88720 88720 88720 88720 88720 88720 88720 88720 88720 88720 88720
88720 88720 88720 88720 88720 88720 88720 88720 88720 88720 88720 88720 88720 88720 88720 88720 88720 88720 88720 88720
88720 88720 88720 88720 88720 88720 88720 88720 88720 88720 88720 88720 88720 88720 88720 88720 88720 88720 88720 88720
88720 88720 88720 88720 88720 88720 88720 88720 88720 88720 88720 88720 88720 88720 88720 88720 88720 88720 88720 88720
88720 88720 88720 88720 88720 88720 88720 88720 88720 88720 88720 88720 88720 88720 88720 88720 88720 88720 88720 88720
88720 88720 88720 88720 88720 88720 88720 88720 88720 88720 88720 88720 88720 88720 88720 88720 88720 88720 88720 88720
88720

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%wall temperature distribution (size: timeDiv x layers)
2.0137100e+01
2.0152752e+01
2.0168404e+01
2.0184056e+01
2.0194428e+01
2.0207658e+01
2.0220889e+01
2.0234119e+01
2.0246967e+01
2.0258622e+01
2.0270276e+01
2.0281930e+01
2.0293584e+01
2.0307120e+01
2.0320655e+01
2.0329702e+01
2.0338642e+01
2.0350029e+01
2.0361416e+01
2.0372200e+01
2.0380755e+01
2.0391365e+01
2.0401975e+01
2.0411590e+01
2.0420082e+01
2.0430306e+01
2.0440017e+01
2.0448521e+01
2.0457025e+01
2.0466569e+01
2.0475327e+01
2.0484040e+01
2.0491661e+01
2.0500727e+01
2.0508922e+01
2.0516928e+01
2.0524282e+01
2.0532781e+01
2.0540524e+01
2.0548075e+01
2.0555039e+01
2.0562945e+01
2.0570485e+01
2.0577439e+01
2.0584106e+01
2.0591618e+01
2.0598701e+01
2.0605324e+01
2.0611630e+01
2.0618725e+01
2.0625419e+01
2.0631750e+01
2.0637751e+01
2.0644497e+01
2.0650861e+01
2.0656879e+01
2.0662583e+01
2.0669040e+01
2.0675082e+01
2.0680806e+01
2.0686241e+01
2.0692382e+01
2.0698190e+01
2.0703638e+01
2.0708819e+01
2.0714713e+01
2.0720251e+01
2.0725472e+01
2.0730407e+01
2.0736068e+01
```

2.0741381e+01  
2.0746381e+01  
2.0751092e+01  
2.0756543e+01  
2.0761647e+01  
2.0766442e+01  
2.0770946e+01  
2.0776212e+01  
2.0781126e+01  
2.0785726e+01  
2.0790041e+01  
2.0795141e+01  
2.0799881e+01  
2.0804303e+01  
2.0808442e+01  
2.0813394e+01  
2.0817980e+01  
2.0822238e+01  
2.0826210e+01  
2.0831037e+01  
2.0835481e+01  
2.0839591e+01  
2.0843404e+01  
2.0848128e+01  
2.0852446e+01  
2.0856415e+01  
2.0860079e+01  
2.0864723e+01  
2.0868931e+01  
2.0872770e+01  
2.0876289e+01  
2.0881188e+01  
2.0885546e+01  
2.0889457e+01  
2.0892992e+01  
2.0896082e+01  
2.0898919e+01  
2.0901536e+01  
2.0903959e+01  
2.0906211e+01  
2.0908312e+01  
2.0910278e+01  
2.0912122e+01  
2.0913857e+01  
2.0915493e+01  
2.0917040e+01  
2.0918504e+01  
2.0919894e+01  
2.0921214e+01  
2.0922472e+01  
2.0923671e+01  
2.0924816e+01  
2.0925911e+01  
2.0926959e+01  
2.0927965e+01  
2.0928929e+01  
2.0929856e+01  
2.0930748e+01  
2.0931607e+01  
2.0932434e+01  
2.0933232e+01  
2.0934002e+01  
2.0934747e+01  
2.0935466e+01  
2.0936163e+01  
2.0936837e+01  
2.0937491e+01

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%wall temperature perturbation vector (size: 1 x timeDiv)
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[illegible]

[illegible]

December 2003  
NWRPO-2003-05 Appendix C

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