

```

BIN1(121,0)= 200000.00, 250000.00, 300000.00, 350000.00, 400000.00, 450000.00,
BIN1(127,0)= 500000.00, 550000.00, 600000.00, 650000.00, 700000.00, 750000.00,
BIN1(133,0)= 800000.00, 850000.00, 900000.00,
BIN1( 0,1)=1.0
/COH, *****
/COH, **
/COH, ** Assembly Type: PWR **
/COH, ** Decay Period (years): 900000 **
/COH, ** Number of assemblies: 74363 **
/COH, ** Assemblies/pkg: 21 **
/COH, ** Max Heat (Watts/assy): 850.00 **
/COH, ** Min Heat (Watts/assy): 0.00 **
/COH, ** Max Kinf: 1.130 **
/COH, ** Min Kinf: 1.000 **
/COH, ** Ave Age: 27.741 **
/COH, ** Ave Burnup: 36728.194 **
/COH, ** Ave Enrichment: 3.671 **
/COH, ** Ave MTU/assy: 0.431 **
/COH, **
/COH, *****
*SET,BIN2,
*DIN,BIN2, TABLE, 135, 1,
BIN2( 1,1)= 431.99, 431.86, 431.73, 431.60, 431.47, 431.34,
BIN2( 7,1)= 431.21, 431.08, 430.95, 430.82, 430.69, 430.05,
BIN2(13,1)= 429.41, 428.78, 428.15, 427.52, 426.90, 426.28,
BIN2(19,1)= 425.66, 425.05, 424.44, 423.84, 423.24, 422.64,
BIN2(25,1)= 422.04, 421.45, 420.87, 420.28, 419.70, 414.24,
BIN2(31,1)= 409.04, 404.16, 399.50, 395.03, 390.74, 386.64,
BIN2(37,1)= 382.68, 378.73, 374.93, 371.24, 367.68, 364.17,
BIN2(43,1)= 360.77, 357.42, 354.16, 350.97, 347.88, 318.88,
BIN2(49,1)= 293.83, 271.57, 251.85, 234.28, 218.58, 204.43,
BIN2(55,1)= 191.78, 180.40, 170.14, 160.88, 152.52, 144.96,
BIN2(61,1)= 138.15, 132.00, 126.45, 121.31, 116.68, 87.34,
BIN2(67,1)= 72.81, 64.11, 58.00, 53.12, 49.13, 45.81,
BIN2(73,1)= 42.79, 40.04, 37.67, 35.61, 33.66, 31.82,
BIN2(79,1)= 30.18, 28.72, 27.41, 26.22, 25.07, 17.23,
BIN2(85,1)= 13.56, 11.64, 10.60, 9.99, 9.48, 9.15,
BIN2(91,1)= 8.85, 8.50, 8.20, 7.93, 7.69, 7.43,
BIN2(97,1)= 7.20, 6.99, 6.80, 6.62, 6.45, 4.78,
BIN2(103,1)= 3.85, 3.02, 2.48, 2.10, 1.81, 1.59,
BIN2(109,1)= 1.42, 1.24, 1.10, 0.982, 0.884, 0.802,
BIN2(115,1)= 0.733, 0.673, 0.621, 0.575, 0.535, 0.302,
BIN2(121,1)= 0.202, 0.147, 0.114, 0.092, 0.076, 0.065,
BIN2(127,1)= 0.056, 0.049, 0.043, 0.039, 0.035, 0.032,
BIN2(133,1)= 0.029, 0.026, 0.024,
BIN2( 1,0)= 0.000001, 0.01, 0.02, 0.03, 0.04, 0.05,
BIN2( 7,0)= 0.06, 0.07, 0.08, 0.09, 0.10, 0.15,
BIN2(13,0)= 0.20, 0.25, 0.30, 0.35, 0.40, 0.45,
BIN2(19,0)= 0.50, 0.55, 0.60, 0.65, 0.70, 0.75,
BIN2(25,0)= 0.80, 0.85, 0.90, 0.95, 1.00, 1.50,
BIN2(31,0)= 2.00, 2.50, 3.00, 3.50, 4.00, 4.50,
BIN2(37,0)= 5.00, 5.50, 6.00, 6.50, 7.00, 7.50,
BIN2(43,0)= 8.00, 8.50, 9.00, 9.50, 10.00, 15.00,
BIN2(49,0)= 20.00, 25.00, 30.00, 35.00, 40.00, 45.00,
BIN2(55,0)= 50.00, 55.00, 60.00, 65.00, 70.00, 75.00,
BIN2(61,0)= 80.00, 85.00, 90.00, 95.00, 100.00, 150.00,
BIN2(67,0)= 200.00, 250.00, 300.00, 350.00, 400.00, 450.00,
BIN2(73,0)= 500.00, 550.00, 600.00, 650.00, 700.00, 750.00,
BIN2(79,0)= 800.00, 850.00, 900.00, 950.00, 1000.00, 1500.00,
BIN2(85,0)= 2000.00, 2500.00, 3000.00, 3500.00, 4000.00, 4500.00,
BIN2(91,0)= 5000.00, 5500.00, 6000.00, 6500.00, 7000.00, 7500.00,
BIN2(97,0)= 8000.00, 8500.00, 9000.00, 9500.00, 10000.00, 15000.00,
BIN2(103,0)= 20000.00, 25000.00, 30000.00, 35000.00, 40000.00, 45000.00,
BIN2(109,0)= 50000.00, 55000.00, 60000.00, 65000.00, 70000.00, 75000.00,
BIN2(115,0)= 80000.00, 85000.00, 90000.00, 95000.00, 100000.00, 150000.00,
BIN2(121,0)= 200000.00, 250000.00, 300000.00, 350000.00, 400000.00, 450000.00,
BIN2(127,0)= 500000.00, 550000.00, 600000.00, 650000.00, 700000.00, 750000.00,
BIN2(133,0)= 800000.00, 850000.00, 900000.00,
BIN2( 0,1)=1.0
/COH, *****

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99#224#362 - Part 2

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/COH, **
/COH, ** Assembly Type: PWR
/COH, ** Decay Period (years): 900000
/COH, ** Number of assemblies: 5397
/COH, ** Assemblies/pkg: 21
/COH, ** Max Heat (Watts/assy): 850.00
/COH, ** Min Heat (Watts/assy): 0.00
/COH, ** Max Kinf: 1.450
/COH, ** Min Kinf: 1.130
/COH, ** Ave Age: 25.067
/COH, ** Ave Burnup: 18570.462
/COH, ** Ave Enrichment: 3.751
/COH, ** Ave MTU/assy: 0.412
/COH, **
/COH, *****

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*SET, BIN3,
*DIN, BIN3, TABLE, 135, 1,
BIN3( 1,1)= 215.10, 214.97, 214.85, 214.73, 214.61, 214.49,
BIN3( 7,1)= 214.37, 214.25, 214.13, 214.01, 213.89, 213.29,
BIN3(13,1)= 212.70, 212.12, 211.55, 210.98, 210.42, 209.87,
BIN3(19,1)= 209.32, 208.78, 208.25, 207.72, 207.19, 206.68,
BIN3(25,1)= 206.16, 205.66, 205.15, 204.66, 204.17, 200.07,
BIN3(31,1)= 196.30, 193.11, 190.12, 187.42, 184.87, 182.52,
BIN3(37,1)= 180.29, 178.13, 176.06, 174.06, 172.14, 170.29,
BIN3(43,1)= 168.50, 166.74, 165.03, 163.37, 161.76, 147.02,
BIN3(49,1)= 134.41, 123.30, 113.42, 104.63, 96.80, 89.76,
BIN3(55,1)= 83.48, 77.86, 72.81, 68.29, 64.23, 60.59,
BIN3(61,1)= 57.32, 54.37, 51.76, 49.40, 47.26, 34.49,
BIN3(67,1)= 28.91, 25.88, 23.84, 22.19, 20.81, 19.61,
BIN3(73,1)= 18.50, 17.45, 16.53, 15.73, 14.97, 14.24,
BIN3(79,1)= 13.58, 13.00, 12.46, 11.98, 11.52, 8.32,
BIN3(85,1)= 6.83, 6.03, 5.59, 5.32, 5.10, 4.94,
BIN3(91,1)= 4.79, 4.63, 4.49, 4.36, 4.24, 4.12,
BIN3(97,1)= 4.00, 3.90, 3.81, 3.72, 3.64, 2.79,
BIN3(103,1)= 2.31, 1.84, 1.53, 1.30, 1.14, 1.01,
BIN3(109,1)= 0.906, 0.787, 0.693, 0.616, 0.553, 0.499,
BIN3(115,1)= 0.454, 0.416, 0.382, 0.353, 0.327, 0.181,
BIN3(121,1)= 0.118, 0.085, 0.065, 0.052, 0.043, 0.036,
BIN3(127,1)= 0.031, 0.027, 0.024, 0.021, 0.019, 0.017,
BIN3(133,1)= 0.016, 0.014, 0.013,
BIN3( 1,0)= 0.000001, 0.01, 0.02, 0.03, 0.04, 0.05,
BIN3( 7,0)= 0.06, 0.07, 0.08, 0.09, 0.10, 0.15,
BIN3(13,0)= 0.20, 0.25, 0.30, 0.35, 0.40, 0.45,
BIN3(19,0)= 0.50, 0.55, 0.60, 0.65, 0.70, 0.75,
BIN3(25,0)= 0.80, 0.85, 0.90, 0.95, 1.00, 1.50,
BIN3(31,0)= 2.00, 2.50, 3.00, 3.50, 4.00, 4.50,
BIN3(37,0)= 5.00, 5.50, 6.00, 6.50, 7.00, 7.50,
BIN3(43,0)= 8.00, 8.50, 9.00, 9.50, 10.00, 15.00,
BIN3(49,0)= 20.00, 25.00, 30.00, 35.00, 40.00, 45.00,
BIN3(55,0)= 50.00, 55.00, 60.00, 65.00, 70.00, 75.00,
BIN3(61,0)= 80.00, 85.00, 90.00, 95.00, 100.00, 150.00,
BIN3(67,0)= 200.00, 250.00, 300.00, 350.00, 400.00, 450.00,
BIN3(73,0)= 500.00, 550.00, 600.00, 650.00, 700.00, 750.00,
BIN3(79,0)= 800.00, 850.00, 900.00, 950.00, 1000.00, 1500.00,
BIN3(85,0)= 2000.00, 2500.00, 3000.00, 3500.00, 4000.00, 4500.00,
BIN3(91,0)= 5000.00, 5500.00, 6000.00, 6500.00, 7000.00, 7500.00,
BIN3(97,0)= 8000.00, 8500.00, 9000.00, 9500.00, 10000.00, 15000.00,
BIN3(103,0)= 20000.00, 25000.00, 30000.00, 35000.00, 40000.00, 45000.00,
BIN3(109,0)= 50000.00, 55000.00, 60000.00, 65000.00, 70000.00, 75000.00,
BIN3(115,0)= 80000.00, 85000.00, 90000.00, 95000.00, 100000.00, 150000.00,
BIN3(121,0)= 200000.00, 250000.00, 300000.00, 350000.00, 400000.00, 450000.00,
BIN3(127,0)= 500000.00, 550000.00, 600000.00, 650000.00, 700000.00, 750000.00,
BIN3(133,0)= 800000.00, 850000.00, 900000.00,
BIN3( 0,1)=1.0
/COH, *****
/COH, **
/COH, ** Assembly Type: PWR
/COH, ** Decay Period (years): 900000
/COH, ** Number of assemblies: 6847
/COH, ** Assemblies/pkg: 12

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/COM, ** Max Heat (Watts/assy): 1500.00 **
/COM, ** Min Heat (Watts/assy): 850.00 **
/COM, ** Max Kinf: 1.020 **
/COM, ** Min Kinf: 0.000 **
/COM, ** Ave Age: 10.166 **
/COM, ** Ave Burnup: 54447.815 **
/COM, ** Ave Enrichment: 4.259 **
/COM, ** Ave MTU/assy: 0.446 **
/COM, **
/COM, *****
*SET,BIN4,
*DIN,BIN4, TABLE, 135, 1,
BIN4( 1,1)= 996.10, 995.55, 995.00, 994.45, 993.90, 993.35,
BIN4( 7,1)= 992.80, 992.26, 991.71, 991.17, 990.63, 987.93,
BIN4(13,1)= 985.27, 982.62, 980.00, 977.41, 974.84, 972.29,
BIN4(19,1)= 969.76, 967.26, 964.78, 962.33, 959.89, 957.48,
BIN4(25,1)= 955.08, 952.71, 950.36, 948.03, 945.72, 925.24,
BIN4(31,1)= 906.25, 889.36, 873.54, 859.16, 845.58, 833.11,
BIN4(37,1)= 821.27, 809.76, 798.79, 788.55, 778.76, 769.15,
BIN4(43,1)= 759.93, 751.04, 742.51, 734.34, 726.47, 654.52,
BIN4(49,1)= 594.78, 542.82, 497.45, 457.58, 422.50, 390.93,
BIN4(55,1)= 363.07, 338.22, 315.98, 296.03, 278.11, 261.97,
BIN4(61,1)= 247.44, 234.36, 222.79, 212.01, 202.23, 141.16,
BIN4(67,1)= 112.24, 95.29, 84.34, 75.88, 69.27, 64.06,
BIN4(73,1)= 59.65, 55.65, 52.22, 49.25, 46.61, 44.13,
BIN4(79,1)= 41.92, 39.94, 38.17, 36.56, 35.07, 24.63,
BIN4(85,1)= 19.75, 17.12, 15.66, 14.75, 14.00, 13.49,
BIN4(91,1)= 13.04, 12.49, 12.01, 11.58, 11.20, 10.81,
BIN4(97,1)= 10.45, 10.12, 9.82, 9.55, 9.29, 6.71,
BIN4(103,1)= 5.32, 4.14, 3.37, 2.83, 2.44, 2.13,
BIN4(109,1)= 1.90, 1.67, 1.49, 1.35, 1.22, 1.12,
BIN4(115,1)= 1.03, 0.949, 0.881, 0.821, 0.767, 0.452,
BIN4(121,1)= 0.311, 0.232, 0.183, 0.150, 0.126, 0.108,
BIN4(127,1)= 0.094, 0.083, 0.074, 0.067, 0.061, 0.056,
BIN4(133,1)= 0.051, 0.047, 0.044,
BIN4( 1,0)= 0.000001, 0.01, 0.02, 0.03, 0.04, 0.05,
BIN4( 7,0)= 0.06, 0.07, 0.08, 0.09, 0.10, 0.15,
BIN4(13,0)= 0.20, 0.25, 0.30, 0.35, 0.40, 0.45,
BIN4(19,0)= 0.50, 0.55, 0.60, 0.65, 0.70, 0.75,
BIN4(25,0)= 0.80, 0.85, 0.90, 0.95, 1.00, 1.50,
BIN4(31,0)= 2.00, 2.50, 3.00, 3.50, 4.00, 4.50,
BIN4(37,0)= 5.00, 5.50, 6.00, 6.50, 7.00, 7.50,
BIN4(43,0)= 8.00, 8.50, 9.00, 9.50, 10.00, 15.00,
BIN4(49,0)= 20.00, 25.00, 30.00, 35.00, 40.00, 45.00,
BIN4(55,0)= 50.00, 55.00, 60.00, 65.00, 70.00, 75.00,
BIN4(61,0)= 80.00, 85.00, 90.00, 95.00, 100.00, 150.00,
BIN4(67,0)= 200.00, 250.00, 300.00, 350.00, 400.00, 450.00,
BIN4(73,0)= 500.00, 550.00, 600.00, 650.00, 700.00, 750.00,
BIN4(79,0)= 800.00, 850.00, 900.00, 950.00, 1000.00, 1500.00,
BIN4(85,0)= 2000.00, 2500.00, 3000.00, 3500.00, 4000.00, 4500.00,
BIN4(91,0)= 5000.00, 5500.00, 6000.00, 6500.00, 7000.00, 7500.00,
BIN4(97,0)= 8000.00, 8500.00, 9000.00, 9500.00, 10000.00, 15000.00,
BIN4(103,0)= 20000.00, 25000.00, 30000.00, 35000.00, 40000.00, 45000.00,
BIN4(109,0)= 50000.00, 55000.00, 60000.00, 65000.00, 70000.00, 75000.00,
BIN4(115,0)= 80000.00, 85000.00, 90000.00, 95000.00, 100000.00, 150000.00,
BIN4(121,0)= 200000.00, 250000.00, 300000.00, 350000.00, 400000.00, 450000.00,
BIN4(127,0)= 500000.00, 550000.00, 600000.00, 650000.00, 700000.00, 750000.00,
BIN4(133,0)= 800000.00, 850000.00, 900000.00,
BIN4( 0,1)=1.0
/COM, *****
/COM, **
/COM, ** Assembly Type: STx **
/COM, ** Decay Period (years): 900000 **
/COM, ** Number of assemblies: 3339 **
/COM, ** Assemblies/pkg: 12 **
/COM, ** Max Heat (Watts/assy): 1500.00 **
/COM, ** Min Heat (Watts/assy): 0.00 **
/COM, ** Max Kinf: 1.130 **
/COM, ** Min Kinf: 0.000 **
/COM, ** Ave Age: 15.256 **

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/COM, ** Ave Burnup: 42662.709 **
/COM, ** Ave Enrichment: 3.764 **
/COM, ** Ave MTU/assy: 0.539 **
/COM, **
/COM, *****
*SET,BINS,
*DIM,BINS, TABLE,135,1,
BINS( 1,1)= 859.86, 859.48, 859.10, 858.73, 858.35, 857.97,
BINS( 7,1)= 857.59, 857.22, 856.85, 856.47, 856.10, 854.24,
BINS(13,1)= 852.41, 850.59, 848.79, 847.00, 845.23, 843.48,
BINS(19,1)= 841.74, 840.02, 838.31, 836.61, 834.94, 833.27,
BINS(25,1)= 831.62, 829.99, 828.36, 826.75, 825.16, 810.81,
BINS(31,1)= 797.44, 785.35, 773.96, 763.47, 753.51, 744.11,
BINS(37,1)= 735.13, 726.44, 718.13, 710.08, 702.35, 694.77,
BINS(43,1)= 687.47, 680.41, 673.59, 666.83, 660.29, 600.84,
BINS(49,1)= 549.80, 505.37, 466.21, 431.43, 400.47, 372.96,
BINS(55,1)= 348.34, 326.32, 306.55, 288.76, 272.74, 258.27,
BINS(61,1)= 245.32, 233.64, 222.93, 213.26, 204.34, 148.07,
BINS(67,1)= 120.25, 103.39, 92.11, 83.14, 76.06, 70.35,
BINS(73,1)= 65.43, 60.91, 57.05, 53.71, 50.68, 47.79,
BINS(79,1)= 45.23, 42.95, 40.90, 39.05, 37.32, 25.27,
BINS(85,1)= 19.67, 16.76, 15.18, 14.25, 13.50, 13.00,
BINS(91,1)= 12.57, 12.05, 11.60, 11.20, 10.84, 10.47,
BINS(97,1)= 10.13, 9.83, 9.55, 9.29, 9.05, 6.61,
BINS(103,1)= 5.29, 4.14, 3.39, 2.86, 2.47, 2.17,
BINS(109,1)= 1.94, 1.71, 1.53, 1.38, 1.26, 1.15,
BINS(115,1)= 1.06, 0.978, 0.909, 0.848, 0.793, 0.471,
BINS(121,1)= 0.326, 0.244, 0.193, 0.159, 0.134, 0.115,
BINS(127,1)= 0.100, 0.089, 0.080, 0.072, 0.065, 0.060,
BINS(133,1)= 0.055, 0.051, 0.047,
BINS( 1,0)= 0.000001, 0.01, 0.02, 0.03, 0.04, 0.05,
BINS( 7,0)= 0.06, 0.07, 0.08, 0.09, 0.10, 0.15,
BINS(13,0)= 0.20, 0.25, 0.30, 0.35, 0.40, 0.45,
BINS(19,0)= 0.50, 0.55, 0.60, 0.65, 0.70, 0.75,
BINS(25,0)= 0.80, 0.85, 0.90, 0.95, 1.00, 1.50,
BINS(31,0)= 2.00, 2.50, 3.00, 3.50, 4.00, 4.50,
BINS(37,0)= 5.00, 5.50, 6.00, 6.50, 7.00, 7.50,
BINS(43,0)= 8.00, 8.50, 9.00, 9.50, 10.00, 15.00,
BINS(49,0)= 20.00, 25.00, 30.00, 35.00, 40.00, 45.00,
BINS(55,0)= 50.00, 55.00, 60.00, 65.00, 70.00, 75.00,
BINS(61,0)= 80.00, 85.00, 90.00, 95.00, 100.00, 150.00,
BINS(67,0)= 200.00, 250.00, 300.00, 350.00, 400.00, 450.00,
BINS(73,0)= 500.00, 550.00, 600.00, 650.00, 700.00, 750.00,
BINS(79,0)= 800.00, 850.00, 900.00, 950.00, 1000.00, 1500.00,
BINS(85,0)= 2000.00, 2500.00, 3000.00, 3500.00, 4000.00, 4500.00,
BINS(91,0)= 5000.00, 5500.00, 6000.00, 6500.00, 7000.00, 7500.00,
BINS(97,0)= 8000.00, 8500.00, 9000.00, 9500.00, 10000.00, 15000.00,
BINS(103,0)= 20000.00, 25000.00, 30000.00, 35000.00, 40000.00, 45000.00,
BINS(109,0)= 50000.00, 55000.00, 60000.00, 65000.00, 70000.00, 75000.00,
BINS(115,0)= 80000.00, 85000.00, 90000.00, 95000.00, 100000.00, 150000.00,
BINS(121,0)= 200000.00, 250000.00, 300000.00, 350000.00, 400000.00, 450000.00,
BINS(127,0)= 500000.00, 550000.00, 600000.00, 650000.00, 700000.00, 750000.00,
BINS(133,0)= 800000.00, 850000.00, 900000.00,
BINS( 0,1)=1.0
/COM, *****
/COM, **
/COM, ** Assembly Type: BWR **
/COM, ** Decay Period (years): 900000 **
/COM, ** Number of assemblies: 43823 **
/COM, ** Assemblies/pkg: 44 **
/COM, ** Max Heat (Watts/assy): 400.00 **
/COM, ** Min Heat (Watts/assy): 0.00 **
/COM, ** Max Kinf: 1.000 **
/COM, ** Min Kinf: 0.000 **
/COM, ** Ave Age: 17.254 **
/COM, ** Ave Burnup: 43175.627 **
/COM, ** Ave Enrichment: 3.366 **
/COM, ** Ave MTU/assy: 0.174 **
/COM, **
/COM, *****

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*SET,BIN6,
*DIN,BIN6,TABLE,135,1,
BIN6( 1,1)= 273.00, 272.91, 272.83, 272.74, 272.66, 272.58,
BIN6( 7,1)= 272.49, 272.41, 272.32, 272.24, 272.16, 271.74,
BIN6(13,1)= 271.33, 270.92, 270.51, 270.10, 269.70, 269.30,
BIN6(19,1)= 268.90, 268.50, 268.11, 267.71, 267.32, 266.93,
BIN6(25,1)= 266.55, 266.16, 265.78, 265.40, 265.02, 261.38,
BIN6(31,1)= 257.92, 254.63, 251.50, 248.50, 245.64, 242.87,
BIN6(37,1)= 240.21, 237.54, 234.98, 232.47, 230.05, 227.67,
BIN6(43,1)= 225.37, 223.11, 220.92, 218.78, 216.71, 197.33,
BIN6(49,1)= 180.69, 166.06, 153.24, 141.91, 131.86, 122.83,
BIN6(55,1)= 114.85, 107.71, 101.30, 95.54, 90.35, 85.67,
BIN6(61,1)= 81.45, 77.70, 74.29, 71.09, 68.22, 49.95,
BIN6(67,1)= 40.78, 35.15, 31.34, 28.31, 25.90, 23.96,
BIN6(73,1)= 22.27, 20.73, 19.42, 18.28, 17.24, 16.25,
BIN6(79,1)= 15.38, 14.60, 13.90, 13.27, 12.67, 8.56,
BIN6(85,1)= 6.65, 5.65, 5.11, 4.80, 4.54, 4.37,
BIN6(91,1)= 4.23, 4.05, 3.90, 3.76, 3.64, 3.52,
BIN6(97,1)= 3.40, 3.30, 3.20, 3.12, 3.04, 2.21,
BIN6(103,1)= 1.77, 1.38, 1.13, 0.951, 0.821, 0.721,
BIN6(109,1)= 0.642, 0.567, 0.507, 0.457, 0.415, 0.379,
BIN6(115,1)= 0.349, 0.323, 0.300, 0.279, 0.261, 0.155,
BIN6(121,1)= 0.107, 0.080, 0.063, 0.052, 0.044, 0.037,
BIN6(127,1)= 0.033, 0.029, 0.026, 0.023, 0.021, 0.019,
BIN6(133,1)= 0.018, 0.017, 0.015,
BIN6( 1,0)= 0.000001, 0.01, 0.02, 0.03, 0.04, 0.05,
BIN6( 7,0)= 0.06, 0.07, 0.08, 0.09, 0.10, 0.15,
BIN6(13,0)= 0.20, 0.25, 0.30, 0.35, 0.40, 0.45,
BIN6(19,0)= 0.50, 0.55, 0.60, 0.65, 0.70, 0.75,
BIN6(25,0)= 0.80, 0.85, 0.90, 0.95, 1.00, 1.50,
BIN6(31,0)= 2.00, 2.50, 3.00, 3.50, 4.00, 4.50,
BIN6(37,0)= 5.00, 5.50, 6.00, 6.50, 7.00, 7.50,
BIN6(43,0)= 8.00, 8.50, 9.00, 9.50, 10.00, 15.00,
BIN6(49,0)= 20.00, 25.00, 30.00, 35.00, 40.00, 45.00,
BIN6(55,0)= 50.00, 55.00, 60.00, 65.00, 70.00, 75.00,
BIN6(61,0)= 80.00, 85.00, 90.00, 95.00, 100.00, 150.00,
BIN6(67,0)= 200.00, 250.00, 300.00, 350.00, 400.00, 450.00,
BIN6(73,0)= 500.00, 550.00, 600.00, 650.00, 700.00, 750.00,
BIN6(79,0)= 800.00, 850.00, 900.00, 950.00, 1000.00, 1500.00,
BIN6(85,0)= 2000.00, 2500.00, 3000.00, 3500.00, 4000.00, 4500.00,
BIN6(91,0)= 5000.00, 5500.00, 6000.00, 6500.00, 7000.00, 7500.00,
BIN6(97,0)= 8000.00, 8500.00, 9000.00, 9500.00, 10000.00, 15000.00,
BIN6(103,0)= 20000.00, 25000.00, 30000.00, 35000.00, 40000.00, 45000.00,
BIN6(109,0)= 50000.00, 55000.00, 60000.00, 65000.00, 70000.00, 75000.00,
BIN6(115,0)= 80000.00, 85000.00, 90000.00, 95000.00, 100000.00, 150000.00,
BIN6(121,0)= 200000.00, 250000.00, 300000.00, 350000.00, 400000.00, 450000.00,
BIN6(127,0)= 500000.00, 550000.00, 600000.00, 650000.00, 700000.00, 750000.00,
BIN6(133,0)= 800000.00, 850000.00, 900000.00,
BIN6( 0,1)=1.0
/COM, *****
/COM, **
/COM, ** Assembly Type: BWR **
/COM, ** Decay Period (years): 900000 **
/COM, ** Number of assemblies: 119152 **
/COM, ** Assemblies/pkg: 44 **
/COM, ** Max Heat (Watts/assy): 400.00 **
/COM, ** Min Heat (Watts/assy): 0.00 **
/COM, ** Max Kinf: 1.370 **
/COM, ** Min Kinf: 1.000 **
/COM, ** Ave Age: 30.041 **
/COM, ** Ave Burnup: 28850.344 **
/COM, ** Ave Enrichment: 2.966 **
/COM, ** Ave MTU/assy: 0.178 **
/COM, **
/COM, *****
*SET,BIN7,
*DIN,BIN7,TABLE,135,1,
BIN7( 1,1)= 147.08, 147.03, 146.99, 146.95, 146.91, 146.87,
BIN7( 7,1)= 146.83, 146.78, 146.74, 146.70, 146.66, 146.45,
BIN7(13,1)= 146.25, 146.05, 145.84, 145.64, 145.44, 145.25,

```

|                          |                           |            |            |            |            |            |
|--------------------------|---------------------------|------------|------------|------------|------------|------------|
| BIN7(19,1)=              | 145.05,                   | 144.85,    | 144.66,    | 144.46,    | 144.27,    | 144.08,    |
| BIN7(25,1)=              | 143.89,                   | 143.70,    | 143.51,    | 143.32,    | 143.13,    | 141.36,    |
| BIN7(31,1)=              | 139.67,                   | 138.09,    | 136.57,    | 135.11,    | 133.71,    | 132.36,    |
| BIN7(37,1)=              | 131.06,                   | 129.78,    | 128.54,    | 127.32,    | 126.14,    | 124.98,    |
| BIN7(43,1)=              | 123.86,                   | 122.74,    | 121.66,    | 120.60,    | 119.57,    | 109.97,    |
| BIN7(49,1)=              | 101.62,                   | 94.21,     | 87.65,     | 81.80,     | 76.55,     | 71.85,     |
| BIN7(55,1)=              | 67.66,                    | 63.88,     | 60.47,     | 57.39,     | 54.61,     | 52.09,     |
| BIN7(61,1)=              | 49.82,                    | 47.77,     | 45.91,     | 44.19,     | 42.64,     | 32.66,     |
| BIN7(67,1)=              | 27.54,                    | 24.37,     | 22.07,     | 20.22,     | 18.69,     | 17.42,     |
| BIN7(73,1)=              | 16.24,                    | 15.17,     | 14.25,     | 13.45,     | 12.69,     | 11.97,     |
| BIN7(79,1)=              | 11.33,                    | 10.76,     | 10.25,     | 9.79,      | 9.33,      | 6.28,      |
| BIN7(85,1)=              | 4.86,                     | 4.13,      | 3.74,      | 3.51,      | 3.33,      | 3.21,      |
| BIN7(91,1)=              | 3.10,                     | 2.98,      | 2.87,      | 2.78,      | 2.70,      | 2.61,      |
| BIN7(97,1)=              | 2.53,                     | 2.45,      | 2.39,      | 2.33,      | 2.27,      | 1.68,      |
| BIN7(103,1)=             | 1.36,                     | 1.07,      | 0.874,     | 0.740,     | 0.640,     | 0.564,     |
| BIN7(109,1)=             | 0.503,                    | 0.440,     | 0.390,     | 0.349,     | 0.314,     | 0.286,     |
| BIN7(115,1)=             | 0.261,                    | 0.240,     | 0.222,     | 0.205,     | 0.191,     | 0.109,     |
| BIN7(121,1)=             | 0.073,                    | 0.054,     | 0.042,     | 0.034,     | 0.028,     | 0.024,     |
| BIN7(127,1)=             | 0.021,                    | 0.018,     | 0.016,     | 0.014,     | 0.013,     | 0.012,     |
| BIN7(133,1)=             | 0.011,                    | 0.010,     | 0.009,     |            |            |            |
| BIN7( 1,0)=              | 0.000001,                 | 0.01,      | 0.02,      | 0.03,      | 0.04,      | 0.05,      |
| BIN7( 7,0)=              | 0.06,                     | 0.07,      | 0.08,      | 0.09,      | 0.10,      | 0.15,      |
| BIN7(13,0)=              | 0.20,                     | 0.25,      | 0.30,      | 0.35,      | 0.40,      | 0.45,      |
| BIN7(19,0)=              | 0.50,                     | 0.55,      | 0.60,      | 0.65,      | 0.70,      | 0.75,      |
| BIN7(25,0)=              | 0.80,                     | 0.85,      | 0.90,      | 0.95,      | 1.00,      | 1.50,      |
| BIN7(31,0)=              | 2.00,                     | 2.50,      | 3.00,      | 3.50,      | 4.00,      | 4.50,      |
| BIN7(37,0)=              | 5.00,                     | 5.50,      | 6.00,      | 6.50,      | 7.00,      | 7.50,      |
| BIN7(43,0)=              | 8.00,                     | 8.50,      | 9.00,      | 9.50,      | 10.00,     | 15.00,     |
| BIN7(49,0)=              | 20.00,                    | 25.00,     | 30.00,     | 35.00,     | 40.00,     | 45.00,     |
| BIN7(55,0)=              | 50.00,                    | 55.00,     | 60.00,     | 65.00,     | 70.00,     | 75.00,     |
| BIN7(61,0)=              | 80.00,                    | 85.00,     | 90.00,     | 95.00,     | 100.00,    | 150.00,    |
| BIN7(67,0)=              | 200.00,                   | 250.00,    | 300.00,    | 350.00,    | 400.00,    | 450.00,    |
| BIN7(73,0)=              | 500.00,                   | 550.00,    | 600.00,    | 650.00,    | 700.00,    | 750.00,    |
| BIN7(79,0)=              | 800.00,                   | 850.00,    | 900.00,    | 950.00,    | 1000.00,   | 1500.00,   |
| BIN7(85,0)=              | 2000.00,                  | 2500.00,   | 3000.00,   | 3500.00,   | 4000.00,   | 4500.00,   |
| BIN7(91,0)=              | 5000.00,                  | 5500.00,   | 6000.00,   | 6500.00,   | 7000.00,   | 7500.00,   |
| BIN7(97,0)=              | 8000.00,                  | 8500.00,   | 9000.00,   | 9500.00,   | 10000.00,  | 15000.00,  |
| BIN7(103,0)=             | 20000.00,                 | 25000.00,  | 30000.00,  | 35000.00,  | 40000.00,  | 45000.00,  |
| BIN7(109,0)=             | 50000.00,                 | 55000.00,  | 60000.00,  | 65000.00,  | 70000.00,  | 75000.00,  |
| BIN7(115,0)=             | 80000.00,                 | 85000.00,  | 90000.00,  | 95000.00,  | 100000.00, | 150000.00, |
| BIN7(121,0)=             | 200000.00,                | 250000.00, | 300000.00, | 350000.00, | 400000.00, | 450000.00, |
| BIN7(127,0)=             | 500000.00,                | 550000.00, | 600000.00, | 650000.00, | 700000.00, | 750000.00, |
| BIN7(133,0)=             | 800000.00,                | 850000.00, | 900000.00, |            |            |            |
| BIN7( 0,1)=1.0           |                           |            |            |            |            |            |
| /CON,                    | *****                     |            |            |            |            |            |
| /CON,                    | **                        |            |            |            |            | **         |
| /CON,                    | ** Assembly Type:         | BWR        |            |            |            | **         |
| /CON,                    | ** Decay Period (years):  | 900000     |            |            |            | **         |
| /CON,                    | ** Number of assemblies:  | 4777       |            |            |            | **         |
| /CON,                    | ** Assemblies/pkg:        | 24         |            |            |            | **         |
| /CON,                    | ** Max Heat (Watts/assy): | 520.00     |            |            |            | **         |
| /CON,                    | ** Min Heat (Watts/assy): | 0.00       |            |            |            | **         |
| /CON,                    | ** Max Kinf:              | 1.540      |            |            |            | **         |
| /CON,                    | ** Min Kinf:              | 0.000      |            |            |            | **         |
| /CON,                    | ** Ave Age:               | 10.602     |            |            |            | **         |
| /CON,                    | ** Ave Burnup:            | 33083.770  |            |            |            | **         |
| /CON,                    | ** Ave Enrichment:        | 3.760      |            |            |            | **         |
| /CON,                    | ** Ave NTU/assy:          | 0.171      |            |            |            | **         |
| /CON,                    | **                        |            |            |            |            | **         |
| /CON,                    | *****                     |            |            |            |            |            |
| *SET,BIN8,               |                           |            |            |            |            |            |
| *DIM,BIN8, TABLE, 135,1, |                           |            |            |            |            |            |
| BIN8( 1,1)=              | 253.60,                   | 253.40,    | 253.21,    | 253.01,    | 252.82,    | 252.62,    |
| BIN8( 7,1)=              | 252.43,                   | 252.23,    | 252.04,    | 251.85,    | 251.66,    | 250.70,    |
| BIN8(13,1)=              | 249.76,                   | 248.83,    | 247.91,    | 247.00,    | 246.11,    | 245.22,    |
| BIN8(19,1)=              | 244.34,                   | 243.47,    | 242.62,    | 241.77,    | 240.93,    | 240.10,    |
| BIN8(25,1)=              | 239.28,                   | 238.47,    | 237.67,    | 236.87,    | 236.09,    | 229.37,    |
| BIN8(31,1)=              | 223.25,                   | 218.11,    | 213.36,    | 209.09,    | 205.10,    | 201.56,    |
| BIN8(37,1)=              | 198.23,                   | 195.09,    | 192.12,    | 189.34,    | 186.69,    | 184.22,    |
| BIN8(43,1)=              | 181.87,                   | 179.53,    | 177.29,    | 175.20,    | 173.19,    | 155.54,    |

|                |            |            |            |            |            |            |
|----------------|------------|------------|------------|------------|------------|------------|
| BIN8(49,1)=    | 140.91,    | 128.44,    | 117.52,    | 107.94,    | 99.52,     | 92.07,     |
| BIN8(55,1)=    | 85.40,     | 79.50,     | 74.24,     | 69.52,     | 65.30,     | 61.50,     |
| BIN8(61,1)=    | 58.08,     | 55.00,     | 52.23,     | 49.80,     | 47.48,     | 33.19,     |
| BIN8(67,1)=    | 26.46,     | 22.45,     | 19.88,     | 17.87,     | 16.29,     | 15.05,     |
| BIN8(73,1)=    | 14.01,     | 13.05,     | 12.23,     | 11.53,     | 10.90,     | 10.31,     |
| BIN8(79,1)=    | 9.78,      | 9.31,      | 8.89,      | 8.51,      | 8.16,      | 5.69,      |
| BIN8(85,1)=    | 4.54,      | 3.94,      | 3.61,      | 3.40,      | 3.24,      | 3.12,      |
| BIN8(91,1)=    | 3.02,      | 2.90,      | 2.80,      | 2.70,      | 2.62,      | 2.53,      |
| BIN8(97,1)=    | 2.45,      | 2.38,      | 2.31,      | 2.25,      | 2.20,      | 1.62,      |
| BIN8(103,1)=   | 1.30,      | 1.03,      | 0.843,     | 0.714,     | 0.619,     | 0.545,     |
| BIN8(109,1)=   | 0.487,     | 0.430,     | 0.385,     | 0.347,     | 0.315,     | 0.288,     |
| BIN8(115,1)=   | 0.265,     | 0.246,     | 0.228,     | 0.213,     | 0.199,     | 0.118,     |
| BIN8(121,1)=   | 0.082,     | 0.062,     | 0.049,     | 0.040,     | 0.034,     | 0.029,     |
| BIN8(127,1)=   | 0.026,     | 0.023,     | 0.020,     | 0.018,     | 0.017,     | 0.015,     |
| BIN8(133,1)=   | 0.014,     | 0.013,     | 0.012,     |            |            |            |
| BIN8( 1,0)=    | 0.000001,  | 0.01,      | 0.02,      | 0.03,      | 0.04,      | 0.05,      |
| BIN8( 7,0)=    | 0.06,      | 0.07,      | 0.08,      | 0.09,      | 0.10,      | 0.15,      |
| BIN8(13,0)=    | 0.20,      | 0.25,      | 0.30,      | 0.35,      | 0.40,      | 0.45,      |
| BIN8(19,0)=    | 0.50,      | 0.55,      | 0.60,      | 0.65,      | 0.70,      | 0.75,      |
| BIN8(25,0)=    | 0.80,      | 0.85,      | 0.90,      | 0.95,      | 1.00,      | 1.50,      |
| BIN8(31,0)=    | 2.00,      | 2.50,      | 3.00,      | 3.50,      | 4.00,      | 4.50,      |
| BIN8(37,0)=    | 5.00,      | 5.50,      | 6.00,      | 6.50,      | 7.00,      | 7.50,      |
| BIN8(43,0)=    | 8.00,      | 8.50,      | 9.00,      | 9.50,      | 10.00,     | 15.00,     |
| BIN8(49,0)=    | 20.00,     | 25.00,     | 30.00,     | 35.00,     | 40.00,     | 45.00,     |
| BIN8(55,0)=    | 50.00,     | 55.00,     | 60.00,     | 65.00,     | 70.00,     | 75.00,     |
| BIN8(61,0)=    | 80.00,     | 85.00,     | 90.00,     | 95.00,     | 100.00,    | 150.00,    |
| BIN8(67,0)=    | 200.00,    | 250.00,    | 300.00,    | 350.00,    | 400.00,    | 450.00,    |
| BIN8(73,0)=    | 500.00,    | 550.00,    | 600.00,    | 650.00,    | 700.00,    | 750.00,    |
| BIN8(79,0)=    | 800.00,    | 850.00,    | 900.00,    | 950.00,    | 1000.00,   | 1500.00,   |
| BIN8(85,0)=    | 2000.00,   | 2500.00,   | 3000.00,   | 3500.00,   | 4000.00,   | 4500.00,   |
| BIN8(91,0)=    | 5000.00,   | 5500.00,   | 6000.00,   | 6500.00,   | 7000.00,   | 7500.00,   |
| BIN8(97,0)=    | 8000.00,   | 8500.00,   | 9000.00,   | 9500.00,   | 10000.00,  | 15000.00,  |
| BIN8(103,0)=   | 20000.00,  | 25000.00,  | 30000.00,  | 35000.00,  | 40000.00,  | 45000.00,  |
| BIN8(109,0)=   | 50000.00,  | 55000.00,  | 60000.00,  | 65000.00,  | 70000.00,  | 75000.00,  |
| BIN8(115,0)=   | 80000.00,  | 85000.00,  | 90000.00,  | 95000.00,  | 100000.00, | 150000.00, |
| BIN8(121,0)=   | 200000.00, | 250000.00, | 300000.00, | 350000.00, | 400000.00, | 450000.00, |
| BIN8(127,0)=   | 500000.00, | 550000.00, | 600000.00, | 650000.00, | 700000.00, | 750000.00, |
| BIN8(133,0)=   | 800000.00, | 850000.00, | 900000.00, |            |            |            |
| BIN8( 0,1)=1.0 |            |            |            |            |            |            |
| /COM,          | *****      |            |            |            |            |            |
| /EOF           |            |            |            |            |            |            |

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/COM, *****
/COM, ** Assembly Heat Generation Rates: ANSYS input formats **
/COM, ** Output of WPBIN00D, SCSI: B00000000-01717-1200-3000X Rev.000 **
/COM, **
/COM, ** Executable File Name: WPBIN00D.EXE **
/COM, ** Input File Name: case12.wsm **
/COM, ** Output File Name: finalw12.dat **
/COM, ** Execution Date: 08/12/97 **
/COM, *****
/COM, *****
/COM, **
/COM, ** Assembly Type: PWR **
/COM, ** Decay Period (years): 900000 **
/COM, ** Number of assemblies: 49764 **
/COM, ** Assemblies/pkg: 21 **
/COM, ** Max Heat (Watts/assy): 850.00 **
/COM, ** Min Heat (Watts/assy): 0.00 **
/COM, ** Max Kinf: 1.000 **
/COM, ** Min Kinf: 0.000 **
/COM, ** Ave Age: 23.901 **
/COM, ** Ave Burnup: 45977.006 **
/COM, ** Ave Enrichment: 3.847 **
/COM, ** Ave MTU/assy: 0.432 **
/COM, **
/COM, *****

```

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*SET,BIN1,
*DIM,BIN1, TABLE,135,1,
BIN1( 1,1)= 554.73, 554.60, 554.48, 554.35, 554.22, 554.10,
BIN1( 7,1)= 553.97, 553.85, 553.73, 553.60, 553.48, 552.86,
BIN1(13,1)= 552.24, 551.62, 551.01, 550.40, 549.79, 549.18,
BIN1(19,1)= 548.58, 547.98, 547.38, 546.78, 546.19, 545.60,
BIN1(25,1)= 545.00, 544.42, 543.83, 543.25, 542.67, 536.92,
BIN1(31,1)= 531.37, 525.93, 520.66, 515.46, 510.42, 505.43,
BIN1(37,1)= 500.59, 495.78, 491.11, 486.50, 482.02, 477.56,
BIN1(43,1)= 473.22, 468.89, 464.67, 460.48, 456.39, 418.36,
BIN1(49,1)= 384.99, 355.51, 329.37, 306.07, 285.25, 266.66,
BIN1(55,1)= 249.99, 235.01, 221.53, 209.37, 198.40, 188.53,
BIN1(61,1)= 179.63, 171.55, 164.15, 157.40, 151.25, 112.26,
BIN1(67,1)= 92.43, 80.48, 72.16, 65.61, 60.38, 56.11,
BIN1(73,1)= 52.31, 48.88, 45.94, 43.37, 40.99, 38.77,
BIN1(79,1)= 36.79, 35.02, 33.42, 31.98, 30.60, 21.16,
BIN1(85,1)= 16.74, 14.40, 13.13, 12.35, 11.73, 11.30,
BIN1(91,1)= 10.92, 10.48, 10.09, 9.74, 9.43, 9.11,
BIN1(97,1)= 8.82, 8.55, 8.31, 8.08, 7.87, 5.75,
BIN1(103,1)= 4.60, 3.59, 2.93, 2.47, 2.13, 1.87,
BIN1(109,1)= 1.66, 1.46, 1.30, 1.17, 1.05, 0.960,
BIN1(115,1)= 0.879, 0.810, 0.749, 0.696, 0.650, 0.375,
BIN1(121,1)= 0.254, 0.187, 0.146, 0.119, 0.099, 0.085,
BIN1(127,1)= 0.073, 0.064, 0.057, 0.051, 0.046, 0.042,
BIN1(133,1)= 0.039, 0.036, 0.033,
BIN1( 1,0)= 0.000001, 0.01, 0.02, 0.03, 0.04, 0.05,
BIN1( 7,0)= 0.06, 0.07, 0.08, 0.09, 0.10, 0.15,
BIN1(13,0)= 0.20, 0.25, 0.30, 0.35, 0.40, 0.45,
BIN1(19,0)= 0.50, 0.55, 0.60, 0.65, 0.70, 0.75,
BIN1(25,0)= 0.80, 0.85, 0.90, 0.95, 1.00, 1.50,
BIN1(31,0)= 2.00, 2.50, 3.00, 3.50, 4.00, 4.50,
BIN1(37,0)= 5.00, 5.50, 6.00, 6.50, 7.00, 7.50,
BIN1(43,0)= 8.00, 8.50, 9.00, 9.50, 10.00, 15.00,
BIN1(49,0)= 20.00, 25.00, 30.00, 35.00, 40.00, 45.00,
BIN1(55,0)= 50.00, 55.00, 60.00, 65.00, 70.00, 75.00,
BIN1(61,0)= 80.00, 85.00, 90.00, 95.00, 100.00, 150.00,
BIN1(67,0)= 200.00, 250.00, 300.00, 350.00, 400.00, 450.00,
BIN1(73,0)= 500.00, 550.00, 600.00, 650.00, 700.00, 750.00,
BIN1(79,0)= 800.00, 850.00, 900.00, 950.00, 1000.00, 1500.00,
BIN1(85,0)= 2000.00, 2500.00, 3000.00, 3500.00, 4000.00, 4500.00,
BIN1(91,0)= 5000.00, 5500.00, 6000.00, 6500.00, 7000.00, 7500.00,
BIN1(97,0)= 8000.00, 8500.00, 9000.00, 9500.00, 10000.00, 15000.00,
BIN1(103,0)= 20000.00, 25000.00, 30000.00, 35000.00, 40000.00, 45000.00,
BIN1(109,0)= 50000.00, 55000.00, 60000.00, 65000.00, 70000.00, 75000.00,
BIN1(115,0)= 80000.00, 85000.00, 90000.00, 95000.00, 100000.00, 150000.00,

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BIN1(121,0)= 200000.00, 250000.00, 300000.00, 350000.00, 400000.00, 450000.00,  
 BIN1(127,0)= 500000.00, 550000.00, 600000.00, 650000.00, 700000.00, 750000.00,  
 BIN1(133,0)= 800000.00, 850000.00, 900000.00,  
 BIN1( 0,1)=1.0

/COM, \*\*\*\*\*  
 /COM, \*\*  
 /COM, \*\* Assembly Type: PWR \*\*  
 /COM, \*\* Decay Period (years): 900000 \*\*  
 /COM, \*\* Number of assemblies: 69984 \*\*  
 /COM, \*\* Assemblies/pkg: 21 \*\*  
 /COM, \*\* Max Heat (Watts/assy): 850.00 \*\*  
 /COM, \*\* Min Heat (Watts/assy): 0.00 \*\*  
 /COM, \*\* Max Kinf: 1.130 \*\*  
 /COM, \*\* Min Kinf: 1.000 \*\*  
 /COM, \*\* Ave Age: 27.192 \*\*  
 /COM, \*\* Ave Burnup: 36247.704 \*\*  
 /COM, \*\* Ave Enrichment: 3.655 \*\*  
 /COM, \*\* Ave MTU/assy: 0.431 \*\*  
 /COM, \*\*  
 /COM, \*\*\*\*\*

\*SET,BIN2,  
 \*DIM,BIN2, TABLE, 135, 1,  
 BIN2( 1,1)= 407.70, 407.60, 407.51, 407.41, 407.31, 407.21,  
 BIN2( 7,1)= 407.11, 407.01, 406.92, 406.82, 406.72, 406.63,  
 BIN2(13,1)= 405.75, 405.65, 405.55, 405.45, 405.35, 405.25,  
 BIN2(19,1)= 402.88, 402.78, 402.68, 402.58, 402.48, 402.38,  
 BIN2(25,1)= 400.09, 399.99, 399.89, 399.79, 399.69, 399.59,  
 BIN2(31,1)= 389.68, 389.58, 389.48, 389.38, 389.28, 389.18,  
 BIN2(37,1)= 366.95, 366.85, 366.75, 366.65, 366.55, 366.45,  
 BIN2(43,1)= 347.12, 347.02, 346.92, 346.82, 346.72, 346.62,  
 BIN2(49,1)= 284.07, 283.97, 283.87, 283.77, 283.67, 283.57,  
 BIN2(55,1)= 186.39, 186.29, 186.19, 186.09, 185.99, 185.89,  
 BIN2(61,1)= 134.85, 134.75, 134.65, 134.55, 134.45, 134.35,  
 BIN2(67,1)= 71.73, 71.63, 71.53, 71.43, 71.33, 71.23,  
 BIN2(73,1)= 42.32, 42.22, 42.12, 42.02, 41.92, 41.82,  
 BIN2(79,1)= 29.86, 29.76, 29.66, 29.56, 29.46, 29.36,  
 BIN2(85,1)= 13.41, 13.31, 13.21, 13.11, 13.01, 12.91,  
 BIN2(91,1)= 8.75, 8.65, 8.55, 8.45, 8.35, 8.25,  
 BIN2(97,1)= 7.12, 7.02, 6.92, 6.82, 6.72, 6.62,  
 BIN2(103,1)= 3.82, 3.72, 3.62, 3.52, 3.42, 3.32,  
 BIN2(109,1)= 1.41, 1.31, 1.21, 1.11, 1.01, 0.91,  
 BIN2(115,1)= 0.725, 0.715, 0.705, 0.695, 0.685, 0.675,  
 BIN2(121,1)= 0.199, 0.194, 0.189, 0.184, 0.179, 0.174,  
 BIN2(127,1)= 0.055, 0.053, 0.051, 0.049, 0.047, 0.045,  
 BIN2(133,1)= 0.028, 0.026, 0.024, 0.022, 0.020, 0.018,  
 BIN2( 1,0)= 0.000001, 0.01, 0.02, 0.03, 0.04, 0.05,  
 BIN2( 7,0)= 0.06, 0.07, 0.08, 0.09, 0.10, 0.11,  
 BIN2(13,0)= 0.20, 0.25, 0.30, 0.35, 0.40, 0.45,  
 BIN2(19,0)= 0.50, 0.55, 0.60, 0.65, 0.70, 0.75,  
 BIN2(25,0)= 0.80, 0.85, 0.90, 0.95, 1.00, 1.05,  
 BIN2(31,0)= 2.00, 2.50, 3.00, 3.50, 4.00, 4.50,  
 BIN2(37,0)= 5.00, 5.50, 6.00, 6.50, 7.00, 7.50,  
 BIN2(43,0)= 8.00, 8.50, 9.00, 9.50, 10.00, 10.50,  
 BIN2(49,0)= 20.00, 25.00, 30.00, 35.00, 40.00, 45.00,  
 BIN2(55,0)= 50.00, 55.00, 60.00, 65.00, 70.00, 75.00,  
 BIN2(61,0)= 80.00, 85.00, 90.00, 95.00, 100.00, 105.00,  
 BIN2(67,0)= 200.00, 250.00, 300.00, 350.00, 400.00, 450.00,  
 BIN2(73,0)= 500.00, 550.00, 600.00, 650.00, 700.00, 750.00,  
 BIN2(79,0)= 800.00, 850.00, 900.00, 950.00, 1000.00, 1050.00,  
 BIN2(85,0)= 2000.00, 2500.00, 3000.00, 3500.00, 4000.00, 4500.00,  
 BIN2(91,0)= 5000.00, 5500.00, 6000.00, 6500.00, 7000.00, 7500.00,  
 BIN2(97,0)= 8000.00, 8500.00, 9000.00, 9500.00, 10000.00, 10500.00,  
 BIN2(103,0)= 20000.00, 25000.00, 30000.00, 35000.00, 40000.00, 45000.00,  
 BIN2(109,0)= 50000.00, 55000.00, 60000.00, 65000.00, 70000.00, 75000.00,  
 BIN2(115,0)= 80000.00, 85000.00, 90000.00, 95000.00, 100000.00, 105000.00,  
 BIN2(121,0)= 200000.00, 250000.00, 300000.00, 350000.00, 400000.00, 450000.00,  
 BIN2(127,0)= 500000.00, 550000.00, 600000.00, 650000.00, 700000.00, 750000.00,  
 BIN2(133,0)= 800000.00, 850000.00, 900000.00,  
 BIN2( 0,1)=1.0  
 /COM, \*\*\*\*\*

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/COH, **
/COH, ** Assembly Type: PWR
/COH, ** Decay Period (years): 900000
/COH, ** Number of assemblies: 5225
/COH, ** Assemblies/pkg: 21
/COH, ** Max Heat (Watts/assy): 850.00
/COH, ** Min Heat (Watts/assy): 0.00
/COH, ** Max Kinf: 1.450
/COH, ** Min Kinf: 1.130
/COH, ** Ave Age: 24.976
/COH, ** Ave Burnup: 18256.859
/COH, ** Ave Enrichment: 3.748
/COH, ** Ave MTU/assy: 0.412
/COH, **

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/COH, \*\*\*\*\*

\*SET,BIN3,

\*DIM,BIN3,TABLE,135,1,

|              |           |           |           |           |           |           |
|--------------|-----------|-----------|-----------|-----------|-----------|-----------|
| BIN3( 1,1)=  | 192.27    | 192.21    | 192.15    | 192.09    | 192.02    | 191.96    |
| BIN3( 7,1)=  | 191.90    | 191.84    | 191.78    | 191.71    | 191.65    | 191.35    |
| BIN3(13,1)=  | 191.04    | 190.74    | 190.44    | 190.14    | 189.85    | 189.56    |
| BIN3(19,1)=  | 189.26    | 188.98    | 188.69    | 188.41    | 188.12    | 187.84    |
| BIN3(25,1)=  | 187.56    | 187.29    | 187.01    | 186.74    | 186.47    | 183.96    |
| BIN3(31,1)=  | 181.60    | 179.38    | 177.27    | 175.26    | 173.32    | 171.44    |
| BIN3(37,1)=  | 169.64    | 167.84    | 166.10    | 164.41    | 162.78    | 161.16    |
| BIN3(43,1)=  | 159.60    | 158.05    | 156.55    | 155.04    | 153.58    | 140.07    |
| BIN3(49,1)=  | 128.29    | 117.81    | 108.49    | 100.18    | 92.76     | 86.10     |
| BIN3(55,1)=  | 80.15     | 74.82     | 70.05     | 65.77     | 61.92     | 58.47     |
| BIN3(61,1)=  | 55.37     | 52.59     | 50.11     | 47.85     | 45.81     | 33.75     |
| BIN3(67,1)=  | 28.37     | 25.45     | 23.45     | 21.84     | 20.48     | 19.31     |
| BIN3(73,1)=  | 18.22     | 17.19     | 16.29     | 15.51     | 14.76     | 14.04     |
| BIN3(79,1)=  | 13.39     | 12.82     | 12.29     | 11.82     | 11.36     | 8.22      |
| BIN3(85,1)=  | 6.75      | 5.97      | 5.53      | 5.27      | 5.05      | 4.89      |
| BIN3(91,1)=  | 4.75      | 4.59      | 4.45      | 4.32      | 4.20      | 4.08      |
| BIN3(97,1)=  | 3.97      | 3.87      | 3.78      | 3.69      | 3.61      | 2.77      |
| BIN3(103,1)= | 2.30      | 1.83      | 1.52      | 1.30      | 1.13      | 1.00      |
| BIN3(109,1)= | 0.901     | 0.783     | 0.689     | 0.613     | 0.550     | 0.497     |
| BIN3(115,1)= | 0.452     | 0.413     | 0.380     | 0.351     | 0.326     | 0.180     |
| BIN3(121,1)= | 0.118     | 0.085     | 0.065     | 0.052     | 0.043     | 0.036     |
| BIN3(127,1)= | 0.031     | 0.027     | 0.024     | 0.021     | 0.019     | 0.017     |
| BIN3(133,1)= | 0.015     | 0.014     | 0.013     |           |           |           |
| BIN3( 1,0)=  | 0.000001  | 0.01      | 0.02      | 0.03      | 0.04      | 0.05      |
| BIN3( 7,0)=  | 0.06      | 0.07      | 0.08      | 0.09      | 0.10      | 0.15      |
| BIN3(13,0)=  | 0.20      | 0.25      | 0.30      | 0.35      | 0.40      | 0.45      |
| BIN3(19,0)=  | 0.50      | 0.55      | 0.60      | 0.65      | 0.70      | 0.75      |
| BIN3(25,0)=  | 0.80      | 0.85      | 0.90      | 0.95      | 1.00      | 1.50      |
| BIN3(31,0)=  | 2.00      | 2.50      | 3.00      | 3.50      | 4.00      | 4.50      |
| BIN3(37,0)=  | 5.00      | 5.50      | 6.00      | 6.50      | 7.00      | 7.50      |
| BIN3(43,0)=  | 8.00      | 8.50      | 9.00      | 9.50      | 10.00     | 15.00     |
| BIN3(49,0)=  | 20.00     | 25.00     | 30.00     | 35.00     | 40.00     | 45.00     |
| BIN3(55,0)=  | 50.00     | 55.00     | 60.00     | 65.00     | 70.00     | 75.00     |
| BIN3(61,0)=  | 80.00     | 85.00     | 90.00     | 95.00     | 100.00    | 150.00    |
| BIN3(67,0)=  | 200.00    | 250.00    | 300.00    | 350.00    | 400.00    | 450.00    |
| BIN3(73,0)=  | 500.00    | 550.00    | 600.00    | 650.00    | 700.00    | 750.00    |
| BIN3(79,0)=  | 800.00    | 850.00    | 900.00    | 950.00    | 1000.00   | 1500.00   |
| BIN3(85,0)=  | 2000.00   | 2500.00   | 3000.00   | 3500.00   | 4000.00   | 4500.00   |
| BIN3(91,0)=  | 5000.00   | 5500.00   | 6000.00   | 6500.00   | 7000.00   | 7500.00   |
| BIN3(97,0)=  | 8000.00   | 8500.00   | 9000.00   | 9500.00   | 10000.00  | 15000.00  |
| BIN3(103,0)= | 20000.00  | 25000.00  | 30000.00  | 35000.00  | 40000.00  | 45000.00  |
| BIN3(109,0)= | 50000.00  | 55000.00  | 60000.00  | 65000.00  | 70000.00  | 75000.00  |
| BIN3(115,0)= | 80000.00  | 85000.00  | 90000.00  | 95000.00  | 100000.00 | 150000.00 |
| BIN3(121,0)= | 200000.00 | 250000.00 | 300000.00 | 350000.00 | 400000.00 | 450000.00 |
| BIN3(127,0)= | 500000.00 | 550000.00 | 600000.00 | 650000.00 | 700000.00 | 750000.00 |
| BIN3(133,0)= | 800000.00 | 850000.00 | 900000.00 |           |           |           |

BIN3( 0,1)=1.0

/COH, \*\*\*\*\*

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/COH, **
/COH, ** Assembly Type: PWR
/COH, ** Decay Period (years): 900000
/COH, ** Number of assemblies: 2931
/COH, ** -Assemblies/pkg: 12-

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/COM, ** Max Heat (Watts/assy): 1500.00 **
/COM, ** Min Heat (Watts/assy): 850.00 **
/COM, ** Max Kinf: 1.020 **
/COM, ** Min Kinf: 0.000 **
/COM, ** Ave Age: 13.074 **
/COM, ** Ave Burnup: 56713.095 **
/COM, ** Ave Enrichment: 4.353 **
/COM, ** Ave MTU/assy: 0.447 **
/COM, **
/COM, *****

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*SET,BIN4,
*DIM,BIN4, TABLE, 135, 1,
BIN4( 1,1)= 924.44, 924.13, 923.82, 923.50, 923.19, 922.87,
BIN4( 7,1)= 922.56, 922.25, 921.94, 921.62, 921.31, 919.76,
BIN4(13,1)= 918.22, 916.68, 915.16, 913.64, 912.13, 910.63,
BIN4(19,1)= 909.14, 907.66, 906.19, 904.72, 903.27, 901.82,
BIN4(25,1)= 900.38, 898.95, 897.52, 896.10, 894.70, 881.25,
BIN4(31,1)= 868.48, 856.38, 844.85, 833.87, 823.37, 813.18,
BIN4(37,1)= 803.41, 793.86, 784.67, 775.81, 767.27, 758.84,
BIN4(43,1)= 750.70, 742.63, 734.84, 727.18, 719.77, 651.31,
BIN4(49,1)= 593.16, 542.19, 497.59, 458.32, 423.56, 392.46,
BIN4(55,1)= 364.94, 340.33, 318.29, 298.51, 280.73, 264.73,
BIN4(61,1)= 250.29, 237.36, 225.83, 215.01, 205.29, 144.16,
BIN4(67,1)= 114.67, 97.31, 86.01, 77.32, 70.54, 65.23,
BIN4(73,1)= 60.71, 56.67, 53.20, 50.19, 47.51, 45.02,
BIN4(79,1)= 42.80, 40.81, 39.02, 37.40, 35.89, 25.39,
BIN4(85,1)= 20.47, 17.80, 16.31, 15.36, 14.59, 14.05,
BIN4(91,1)= 13.58, 13.01, 12.50, 12.06, 11.66, 11.24,
BIN4(97,1)= 10.86, 10.52, 10.21, 9.92, 9.65, 6.95,
BIN4(103,1)= 5.50, 4.27, 3.48, 2.92, 2.51, 2.20,
BIN4(109,1)= 1.95, 1.72, 1.54, 1.39, 1.26, 1.15,
BIN4(115,1)= 1.06, 0.983, 0.913, 0.851, 0.797, 0.472,
BIN4(121,1)= 0.326, 0.244, 0.193, 0.158, 0.133, 0.114,
BIN4(127,1)= 0.100, 0.088, 0.079, 0.071, 0.065, 0.059,
BIN4(133,1)= 0.054, 0.050, 0.047,
BIN4( 1,0)= 0.000001, 0.01, 0.02, 0.03, 0.04, 0.05,
BIN4( 7,0)= 0.06, 0.07, 0.08, 0.09, 0.10, 0.15,
BIN4(13,0)= 0.20, 0.25, 0.30, 0.35, 0.40, 0.45,
BIN4(19,0)= 0.50, 0.55, 0.60, 0.65, 0.70, 0.75,
BIN4(25,0)= 0.80, 0.85, 0.90, 0.95, 1.00, 1.50,
BIN4(31,0)= 2.00, 2.50, 3.00, 3.50, 4.00, 4.50,
BIN4(37,0)= 5.00, 5.50, 6.00, 6.50, 7.00, 7.50,
BIN4(43,0)= 8.00, 8.50, 9.00, 9.50, 10.00, 15.00,
BIN4(49,0)= 20.00, 25.00, 30.00, 35.00, 40.00, 45.00,
BIN4(55,0)= 50.00, 55.00, 60.00, 65.00, 70.00, 75.00,
BIN4(61,0)= 80.00, 85.00, 90.00, 95.00, 100.00, 150.00,
BIN4(67,0)= 200.00, 250.00, 300.00, 350.00, 400.00, 450.00,
BIN4(73,0)= 500.00, 550.00, 600.00, 650.00, 700.00, 750.00,
BIN4(79,0)= 800.00, 850.00, 900.00, 950.00, 1000.00, 1500.00,
BIN4(85,0)= 2000.00, 2500.00, 3000.00, 3500.00, 4000.00, 4500.00,
BIN4(91,0)= 5000.00, 5500.00, 6000.00, 6500.00, 7000.00, 7500.00,
BIN4(97,0)= 8000.00, 8500.00, 9000.00, 9500.00, 10000.00, 15000.00,
BIN4(103,0)= 20000.00, 25000.00, 30000.00, 35000.00, 40000.00, 45000.00,
BIN4(109,0)= 50000.00, 55000.00, 60000.00, 65000.00, 70000.00, 75000.00,
BIN4(115,0)= 80000.00, 85000.00, 90000.00, 95000.00, 100000.00, 150000.00,
BIN4(121,0)= 200000.00, 250000.00, 300000.00, 350000.00, 400000.00, 450000.00,
BIN4(127,0)= 500000.00, 550000.00, 600000.00, 650000.00, 700000.00, 750000.00,
BIN4(133,0)= 800000.00, 850000.00, 900000.00,
BIN4( 0,1)=1.0

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/COM, *****
/COM, **
/COM, ** Assembly Type: STx **
/COM, ** Decay Period (years): 900000 **
/COM, ** Number of assemblies: 3375 **
/COM, ** Assemblies/pkg: 12 **
/COM, ** Max Heat (Watts/assy): 1500.00 **
/COM, ** Min Heat (Watts/assy): 0.00 **
/COM, ** Max Kinf: 1.130 **
/COM, ** Min Kinf: 0.000 **
/COM, ** Ave Age: 22.433 **

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/COH, ** Ave Burnup: 42346.321 **
/COH, ** Ave Enrichment: 3.746 **
/COH, ** Ave MTU/assy: 0.539 **
/COH, **
/COH, *****
*SET,BINS,
*DIM,BINS, TABLE,135,1,
BINS( 1,1)= 686.09, 685.95, 685.81, 685.66, 685.52, 685.37,
BINS( 7,1)= 685.23, 685.09, 684.94, 684.80, 684.66, 683.94,
BINS(13,1)= 683.23, 682.52, 681.81, 681.10, 680.40, 679.70,
BINS(19,1)= 679.00, 678.31, 677.61, 676.92, 676.24, 675.55,
BINS(25,1)= 674.87, 674.18, 673.51, 672.83, 672.16, 665.35,
BINS(31,1)= 658.77, 652.25, 645.94, 639.76, 633.76, 627.67,
BINS(37,1)= 621.75, 615.98, 610.38, 604.78, 599.34, 593.84,
BINS(43,1)= 588.48, 583.16, 577.98, 572.83, 567.81, 521.01,
BINS(49,1)= 479.80, 443.48, 411.10, 382.31, 356.61, 333.66,
BINS(55,1)= 313.05, 294.52, 277.85, 262.81, 249.23, 237.14,
BINS(61,1)= 226.09, 216.02, 206.83, 198.44, 190.78, 141.79,
BINS(67,1)= 116.37, 100.81, 90.01, 81.44, 74.66, 69.15,
BINS(73,1)= 64.30, 59.92, 56.18, 52.93, 49.92, 47.10,
BINS(79,1)= 44.60, 42.37, 40.37, 38.56, 36.83, 25.01,
BINS(85,1)= 19.50, 16.64, 15.08, 14.16, 13.41, 12.92,
BINS(91,1)= 12.49, 11.98, 11.53, 11.13, 10.77, 10.41,
BINS(97,1)= 10.07, 9.77, 9.49, 9.24, 9.00, 6.57,
BINS(103,1)= 5.26, 4.12, 3.37, 2.85, 2.46, 2.16,
BINS(109,1)= 1.93, 1.70, 1.52, 1.37, 1.25, 1.14,
BINS(115,1)= 1.05, 0.973, 0.904, 0.843, 0.789, 0.468,
BINS(121,1)= 0.323, 0.243, 0.192, 0.158, 0.133, 0.114,
BINS(127,1)= 0.100, 0.088, 0.079, 0.071, 0.065, 0.059,
BINS(133,1)= 0.055, 0.051, 0.047, 0.04, 0.03, 0.05,
BINS( 1,0)= 0.000001, 0.01, 0.02, 0.03, 0.04, 0.05,
BINS( 7,0)= 0.06, 0.07, 0.08, 0.09, 0.10, 0.15,
BINS(13,0)= 0.20, 0.25, 0.30, 0.35, 0.40, 0.45,
BINS(19,0)= 0.50, 0.55, 0.60, 0.65, 0.70, 0.75,
BINS(25,0)= 0.80, 0.85, 0.90, 0.95, 1.00, 1.50,
BINS(31,0)= 2.00, 2.50, 3.00, 3.50, 4.00, 4.50,
BINS(37,0)= 5.00, 5.50, 6.00, 6.50, 7.00, 7.50,
BINS(43,0)= 8.00, 8.50, 9.00, 9.50, 10.00, 15.00,
BINS(49,0)= 20.00, 25.00, 30.00, 35.00, 40.00, 45.00,
BINS(55,0)= 50.00, 55.00, 60.00, 65.00, 70.00, 75.00,
BINS(61,0)= 80.00, 85.00, 90.00, 95.00, 100.00, 150.00,
BINS(67,0)= 200.00, 250.00, 300.00, 350.00, 400.00, 450.00,
BINS(73,0)= 500.00, 550.00, 600.00, 650.00, 700.00, 750.00,
BINS(79,0)= 800.00, 850.00, 900.00, 950.00, 1000.00, 1500.00,
BINS(85,0)= 2000.00, 2500.00, 3000.00, 3500.00, 4000.00, 4500.00,
BINS(91,0)= 5000.00, 5500.00, 6000.00, 6500.00, 7000.00, 7500.00,
BINS(97,0)= 8000.00, 8500.00, 9000.00, 9500.00, 10000.00, 15000.00,
BINS(103,0)= 20000.00, 25000.00, 30000.00, 35000.00, 40000.00, 45000.00,
BINS(109,0)= 50000.00, 55000.00, 60000.00, 65000.00, 70000.00, 75000.00,
BINS(115,0)= 80000.00, 85000.00, 90000.00, 95000.00, 100000.00, 150000.00,
BINS(121,0)= 200000.00, 250000.00, 300000.00, 350000.00, 400000.00, 450000.00,
BINS(127,0)= 500000.00, 550000.00, 600000.00, 650000.00, 700000.00, 750000.00,
BINS(133,0)= 800000.00, 850000.00, 900000.00,
BINS( 0,1)=1.0
/COH, *****
/COH, **
/COH, ** Assembly Type: BWR **
/COH, ** Decay Period (years): 900000 **
/COH, ** Number of assemblies: 46268 **
/COH, ** Assemblies/pkg: 44 **
/COH, ** Max Heat (Watts/assy): 400.00 **
/COH, ** Min Heat (Watts/assy): 0.00 **
/COH, ** Max Kinf: 1.000 **
/COH, ** Min Kinf: 0.000 **
/COH, ** Ave Age: 19.677 **
/COH, ** Ave Burnup: 43864.741 **
/COH, ** Ave Enrichment: 3.396 **
/COH, ** Ave MTU/assy: 0.174 **
/COH, **
/COH, *****

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*SET,BIN6,
*DIM,BIN6,TABLE,135,1,
BIN6( 1,1)= 255.98, 255.92, 255.85, 255.79, 255.72, 255.65,
BIN6( 7,1)= 255.59, 255.52, 255.46, 255.39, 255.33, 255.00,
BIN6(13,1)= 254.67, 254.35, 254.03, 253.71, 253.39, 253.07,
BIN6(19,1)= 252.75, 252.44, 252.12, 251.81, 251.50, 251.19,
BIN6(25,1)= 250.88, 250.58, 250.27, 249.97, 249.66, 246.71,
BIN6(31,1)= 243.89, 241.13, 238.49, 235.90, 233.41, 230.97,
BIN6(37,1)= 228.60, 226.26, 223.99, 221.76, 219.61, 217.46,
BIN6(43,1)= 215.39, 213.32, 211.31, 209.31, 207.37, 189.40,
BIN6(49,1)= 173.79, 160.10, 147.99, 137.29, 127.75, 119.25,
BIN6(55,1)= 111.68, 104.89, 98.80, 93.31, 88.37, 83.93,
BIN6(61,1)= 79.92, 76.31, 73.01, 69.97, 67.21, 49.62,
BIN6(67,1)= 40.61, 35.08, 31.28, 28.26, 25.87, 23.94,
BIN6(73,1)= 22.25, 20.72, 19.41, 18.28, 17.23, 16.25,
BIN6(79,1)= 15.38, 14.61, 13.91, 13.28, 12.69, 8.58,
BIN6(85,1)= 6.68, 5.68, 5.14, 4.83, 4.57, 4.40,
BIN6(91,1)= 4.25, 4.08, 3.92, 3.78, 3.66, 3.54,
BIN6(97,1)= 3.42, 3.32, 3.22, 3.13, 3.05, 2.22,
BIN6(103,1)= 1.77, 1.39, 1.13, 0.956, 0.825, 0.724,
BIN6(109,1)= 0.644, 0.570, 0.509, 0.459, 0.417, 0.382,
BIN6(115,1)= 0.351, 0.325, 0.302, 0.281, 0.263, 0.156,
BIN6(121,1)= 0.108, 0.081, 0.064, 0.052, 0.044, 0.038,
BIN6(127,1)= 0.033, 0.029, 0.026, 0.024, 0.022, 0.020,
BIN6(133,1)= 0.018, 0.017, 0.016, 0.03, 0.04, 0.05,
BIN6( 1,0)= 0.000001, 0.01, 0.02, 0.03, 0.04, 0.05,
BIN6( 7,0)= 0.06, 0.07, 0.08, 0.09, 0.10, 0.15,
BIN6(13,0)= 0.20, 0.25, 0.30, 0.35, 0.40, 0.45,
BIN6(19,0)= 0.50, 0.55, 0.60, 0.65, 0.70, 0.75,
BIN6(25,0)= 0.80, 0.85, 0.90, 0.95, 1.00, 1.50,
BIN6(31,0)= 2.00, 2.50, 3.00, 3.50, 4.00, 4.50,
BIN6(37,0)= 5.00, 5.50, 6.00, 6.50, 7.00, 7.50,
BIN6(43,0)= 8.00, 8.50, 9.00, 9.50, 10.00, 15.00,
BIN6(49,0)= 20.00, 25.00, 30.00, 35.00, 40.00, 45.00,
BIN6(55,0)= 50.00, 55.00, 60.00, 65.00, 70.00, 75.00,
BIN6(61,0)= 80.00, 85.00, 90.00, 95.00, 100.00, 150.00,
BIN6(67,0)= 200.00, 250.00, 300.00, 350.00, 400.00, 450.00,
BIN6(73,0)= 500.00, 550.00, 600.00, 650.00, 700.00, 750.00,
BIN6(79,0)= 800.00, 850.00, 900.00, 950.00, 1000.00, 1500.00,
BIN6(85,0)= 2000.00, 2500.00, 3000.00, 3500.00, 4000.00, 4500.00,
BIN6(91,0)= 5000.00, 5500.00, 6000.00, 6500.00, 7000.00, 7500.00,
BIN6(97,0)= 8000.00, 8500.00, 9000.00, 9500.00, 10000.00, 15000.00,
BIN6(103,0)= 20000.00, 25000.00, 30000.00, 35000.00, 40000.00, 45000.00,
BIN6(109,0)= 50000.00, 55000.00, 60000.00, 65000.00, 70000.00, 75000.00,
BIN6(115,0)= 80000.00, 85000.00, 90000.00, 95000.00, 100000.00, 150000.00,
BIN6(121,0)= 200000.00, 250000.00, 300000.00, 350000.00, 400000.00, 450000.00,
BIN6(127,0)= 500000.00, 550000.00, 600000.00, 650000.00, 700000.00, 750000.00,
BIN6(133,0)= 800000.00, 850000.00, 900000.00,
BIN6( 0,1)=1.0
/COH, *****
/COH, **
/COH, ** Assembly Type: BWR **
/COH, ** Decay Period (years): 900000 **
/COH, ** Number of assemblies: 119144 **
/COH, ** Assemblies/pkg: 44 **
/COH, ** Max Heat (Watts/assy): 400.00 **
/COH, ** Min Heat (Watts/assy): 0.00 **
/COH, ** Max Kinf: 1.370 **
/COH, ** Min Kinf: 1.000 **
/COH, ** Ave Age: 28.052 **
/COH, ** Ave Burnup: 28850.049 **
/COH, ** Ave Enrichment: 2.966 **
/COH, ** Ave MTU/assy: 0.178 **
/COH, **
/COH, *****
*SET,BIN7,
*DIM,BIN7,TABLE,135,1,
BIN7( 1,1)= 143.93, 143.90, 143.86, 143.83, 143.80, 143.77,
BIN7( 7,1)= 143.73, 143.70, 143.67, 143.64, 143.60, 143.44,
BIN7(13,1)= 143.28, 143.12, 142.96, 142.80, 142.64, 142.48,

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|                                 |            |            |            |            |            |            |
|---------------------------------|------------|------------|------------|------------|------------|------------|
| BIN7(19,1)=                     | 142.32,    | 142.17,    | 142.01,    | 141.85,    | 141.70,    | 141.54,    |
| BIN7(25,1)=                     | 141.39,    | 141.24,    | 141.08,    | 140.93,    | 140.78,    | 139.30,    |
| BIN7(31,1)=                     | 137.88,    | 136.50,    | 135.17,    | 133.86,    | 132.59,    | 131.34,    |
| BIN7(37,1)=                     | 130.13,    | 128.92,    | 127.75,    | 126.60,    | 125.49,    | 124.39,    |
| BIN7(43,1)=                     | 123.31,    | 122.24,    | 121.21,    | 120.17,    | 119.17,    | 109.75,    |
| BIN7(49,1)=                     | 101.50,    | 94.15,     | 87.63,     | 81.79,     | 76.58,     | 71.89,     |
| BIN7(55,1)=                     | 67.70,     | 63.92,     | 60.51,     | 57.44,     | 54.66,     | 52.16,     |
| BIN7(61,1)=                     | 49.90,     | 47.85,     | 45.98,     | 44.25,     | 42.70,     | 32.74,     |
| BIN7(67,1)=                     | 27.59,     | 24.41,     | 22.11,     | 20.25,     | 18.73,     | 17.45,     |
| BIN7(73,1)=                     | 16.27,     | 15.20,     | 14.27,     | 13.47,     | 12.71,     | 11.99,     |
| BIN7(79,1)=                     | 11.35,     | 10.77,     | 10.26,     | 9.80,      | 9.35,      | 6.29,      |
| BIN7(85,1)=                     | 4.86,      | 4.13,      | 3.74,      | 3.51,      | 3.33,      | 3.21,      |
| BIN7(91,1)=                     | 3.10,      | 2.98,      | 2.88,      | 2.78,      | 2.70,      | 2.61,      |
| BIN7(97,1)=                     | 2.53,      | 2.45,      | 2.39,      | 2.33,      | 2.27,      | 1.68,      |
| BIN7(103,1)=                    | 1.36,      | 1.07,      | 0.875,     | 0.740,     | 0.640,     | 0.564,     |
| BIN7(109,1)=                    | 0.503,     | 0.440,     | 0.390,     | 0.349,     | 0.314,     | 0.286,     |
| BIN7(115,1)=                    | 0.261,     | 0.240,     | 0.222,     | 0.205,     | 0.191,     | 0.109,     |
| BIN7(121,1)=                    | 0.073,     | 0.054,     | 0.042,     | 0.034,     | 0.028,     | 0.024,     |
| BIN7(127,1)=                    | 0.021,     | 0.018,     | 0.016,     | 0.014,     | 0.013,     | 0.012,     |
| BIN7(133,1)=                    | 0.011,     | 0.010,     | 0.009,     |            |            |            |
| BIN7( 1,0)=                     | 0.000001,  | 0.01,      | 0.02,      | 0.03,      | 0.04,      | 0.05,      |
| BIN7( 7,0)=                     | 0.06,      | 0.07,      | 0.08,      | 0.09,      | 0.10,      | 0.15,      |
| BIN7(13,0)=                     | 0.20,      | 0.25,      | 0.30,      | 0.35,      | 0.40,      | 0.45,      |
| BIN7(19,0)=                     | 0.50,      | 0.55,      | 0.60,      | 0.65,      | 0.70,      | 0.75,      |
| BIN7(25,0)=                     | 0.80,      | 0.85,      | 0.90,      | 0.95,      | 1.00,      | 1.50,      |
| BIN7(31,0)=                     | 2.00,      | 2.50,      | 3.00,      | 3.50,      | 4.00,      | 4.50,      |
| BIN7(37,0)=                     | 5.00,      | 5.50,      | 6.00,      | 6.50,      | 7.00,      | 7.50,      |
| BIN7(43,0)=                     | 8.00,      | 8.50,      | 9.00,      | 9.50,      | 10.00,     | 15.00,     |
| BIN7(49,0)=                     | 20.00,     | 25.00,     | 30.00,     | 35.00,     | 40.00,     | 45.00,     |
| BIN7(55,0)=                     | 50.00,     | 55.00,     | 60.00,     | 65.00,     | 70.00,     | 75.00,     |
| BIN7(61,0)=                     | 80.00,     | 85.00,     | 90.00,     | 95.00,     | 100.00,    | 150.00,    |
| BIN7(67,0)=                     | 200.00,    | 250.00,    | 300.00,    | 350.00,    | 400.00,    | 450.00,    |
| BIN7(73,0)=                     | 500.00,    | 550.00,    | 600.00,    | 650.00,    | 700.00,    | 750.00,    |
| BIN7(79,0)=                     | 800.00,    | 850.00,    | 900.00,    | 950.00,    | 1000.00,   | 1500.00,   |
| BIN7(85,0)=                     | 2000.00,   | 2500.00,   | 3000.00,   | 3500.00,   | 4000.00,   | 4500.00,   |
| BIN7(91,0)=                     | 5000.00,   | 5500.00,   | 6000.00,   | 6500.00,   | 7000.00,   | 7500.00,   |
| BIN7(97,0)=                     | 8000.00,   | 8500.00,   | 9000.00,   | 9500.00,   | 10000.00,  | 15000.00,  |
| BIN7(103,0)=                    | 20000.00,  | 25000.00,  | 30000.00,  | 35000.00,  | 40000.00,  | 45000.00,  |
| BIN7(109,0)=                    | 50000.00,  | 55000.00,  | 60000.00,  | 65000.00,  | 70000.00,  | 75000.00,  |
| BIN7(115,0)=                    | 80000.00,  | 85000.00,  | 90000.00,  | 95000.00,  | 100000.00, | 150000.00, |
| BIN7(121,0)=                    | 200000.00, | 250000.00, | 300000.00, | 350000.00, | 400000.00, | 450000.00, |
| BIN7(127,0)=                    | 500000.00, | 550000.00, | 600000.00, | 650000.00, | 700000.00, | 750000.00, |
| BIN7(133,0)=                    | 800000.00, | 850000.00, | 900000.00, |            |            |            |
| BIN7( 0,1)=1.0                  |            |            |            |            |            |            |
| /COM, *****                     |            |            |            |            |            |            |
| /COM, **                        |            |            |            |            |            | **         |
| /COM, ** Assembly Type:         |            |            | BWR        |            |            | **         |
| /COM, ** Decay Period (years):  |            |            | 900000     |            |            | **         |
| /COM, ** Number of assemblies:  |            |            | 2333       |            |            | **         |
| /COM, ** Assemblies/pkg:        |            |            | 24         |            |            | **         |
| /COM, ** Max Heat (Watts/assy): |            |            | 520.00     |            |            | **         |
| /COM, ** Min Heat (Watts/assy): |            |            | 0.00       |            |            | **         |
| /COM, ** Max Kinf:              |            |            | 1.540      |            |            | **         |
| /COM, ** Min Kinf:              |            |            | 0.000      |            |            | **         |
| /COM, ** Ave Age:               |            |            | 16.840     |            |            | **         |
| /COM, ** Ave Burnup:            |            |            | 8829.884   |            |            | **         |
| /COM, ** Ave Enrichment:        |            |            | 3.580      |            |            | **         |
| /COM, ** Ave MTU/assy:          |            |            | 0.170      |            |            | **         |
| /COM, **                        |            |            |            |            |            | **         |
| /COM, *****                     |            |            |            |            |            |            |
| *SET, BIN8,                     |            |            |            |            |            |            |
| *DIM, BIN8, TABLE, 135, 1,      |            |            |            |            |            |            |
| BIN8( 1,1)=                     | 39.45,     | 39.44,     | 39.43,     | 39.42,     | 39.41,     | 39.40,     |
| BIN8( 7,1)=                     | 39.39,     | 39.38,     | 39.37,     | 39.36,     | 39.35,     | 39.29,     |
| BIN8(13,1)=                     | 39.24,     | 39.19,     | 39.14,     | 39.09,     | 39.04,     | 38.99,     |
| BIN8(19,1)=                     | 38.94,     | 38.89,     | 38.84,     | 38.79,     | 38.74,     | 38.69,     |
| BIN8(25,1)=                     | 38.65,     | 38.60,     | 38.55,     | 38.50,     | 38.45,     | 37.99,     |
| BIN8(31,1)=                     | 37.55,     | 37.11,     | 36.68,     | 36.27,     | 35.87,     | 35.47,     |
| BIN8(37,1)=                     | 35.08,     | 34.70,     | 34.34,     | 33.98,     | 33.62,     | 33.27,     |
| BIN8(43,1)=                     | 32.93,     | 32.59,     | 32.26,     | 31.92,     | 31.60,     | 28.65,     |

|                |            |            |            |            |            |            |
|----------------|------------|------------|------------|------------|------------|------------|
| BIN8(49,1)=    | 26.06,     | 23.79,     | 21.79,     | 20.01,     | 18.43,     | 17.02,     |
| BIN8(55,1)=    | 15.77,     | 14.66,     | 13.68,     | 12.79,     | 12.00,     | 11.30,     |
| BIN8(61,1)=    | 10.67,     | 10.11,     | 9.61,      | 9.16,      | 8.76,      | 8.44,      |
| BIN8(67,1)=    | 5.45,      | 4.93,      | 4.59,      | 4.31,      | 4.07,      | 3.86,      |
| BIN8(73,1)=    | 3.67,      | 3.49,      | 3.32,      | 3.18,      | 3.05,      | 2.92,      |
| BIN8(79,1)=    | 2.81,      | 2.70,      | 2.61,      | 2.52,      | 2.44,      | 1.88,      |
| BIN8(85,1)=    | 1.62,      | 1.48,      | 1.40,      | 1.35,      | 1.31,      | 1.27,      |
| BIN8(91,1)=    | 1.24,      | 1.20,      | 1.17,      | 1.14,      | 1.11,      | 1.08,      |
| BIN8(97,1)=    | 1.06,      | 1.03,      | 1.01,      | 0.991,     | 0.971,     | 0.767,     |
| BIN8(103,1)=   | 0.648,     | 0.522,     | 0.437,     | 0.377,     | 0.331,     | 0.295,     |
| BIN8(109,1)=   | 0.266,     | 0.231,     | 0.203,     | 0.180,     | 0.162,     | 0.146,     |
| BIN8(115,1)=   | 0.132,     | 0.121,     | 0.111,     | 0.103,     | 0.095,     | 0.052,     |
| BIN8(121,1)=   | 0.034,     | 0.024,     | 0.019,     | 0.015,     | 0.012,     | 0.010,     |
| BIN8(127,1)=   | 0.009,     | 0.008,     | 0.007,     | 0.006,     | 0.005,     | 0.005,     |
| BIN8(133,1)=   | 0.004,     | 0.004,     | 0.004,     |            |            |            |
| BIN8( 1,0)=    | 0.000001,  | 0.01,      | 0.02,      | 0.03,      | 0.04,      | 0.05,      |
| BIN8( 7,0)=    | 0.06,      | 0.07,      | 0.08,      | 0.09,      | 0.10,      | 0.15,      |
| BIN8(13,0)=    | 0.20,      | 0.25,      | 0.30,      | 0.35,      | 0.40,      | 0.45,      |
| BIN8(19,0)=    | 0.50,      | 0.55,      | 0.60,      | 0.65,      | 0.70,      | 0.75,      |
| BIN8(25,0)=    | 0.80,      | 0.85,      | 0.90,      | 0.95,      | 1.00,      | 1.50,      |
| BIN8(31,0)=    | 2.00,      | 2.50,      | 3.00,      | 3.50,      | 4.00,      | 4.50,      |
| BIN8(37,0)=    | 5.00,      | 5.50,      | 6.00,      | 6.50,      | 7.00,      | 7.50,      |
| BIN8(43,0)=    | 8.00,      | 8.50,      | 9.00,      | 9.50,      | 10.00,     | 15.00,     |
| BIN8(49,0)=    | 20.00,     | 25.00,     | 30.00,     | 35.00,     | 40.00,     | 45.00,     |
| BIN8(55,0)=    | 50.00,     | 55.00,     | 60.00,     | 65.00,     | 70.00,     | 75.00,     |
| BIN8(61,0)=    | 80.00,     | 85.00,     | 90.00,     | 95.00,     | 100.00,    | 150.00,    |
| BIN8(67,0)=    | 200.00,    | 250.00,    | 300.00,    | 350.00,    | 400.00,    | 450.00,    |
| BIN8(73,0)=    | 500.00,    | 550.00,    | 600.00,    | 650.00,    | 700.00,    | 750.00,    |
| BIN8(79,0)=    | 800.00,    | 850.00,    | 900.00,    | 950.00,    | 1000.00,   | 1500.00,   |
| BIN8(85,0)=    | 2000.00,   | 2500.00,   | 3000.00,   | 3500.00,   | 4000.00,   | 4500.00,   |
| BIN8(91,0)=    | 5000.00,   | 5500.00,   | 6000.00,   | 6500.00,   | 7000.00,   | 7500.00,   |
| BIN8(97,0)=    | 8000.00,   | 8500.00,   | 9000.00,   | 9500.00,   | 10000.00,  | 15000.00,  |
| BIN8(103,0)=   | 20000.00,  | 25000.00,  | 30000.00,  | 35000.00,  | 40000.00,  | 45000.00,  |
| BIN8(109,0)=   | 50000.00,  | 55000.00,  | 60000.00,  | 65000.00,  | 70000.00,  | 75000.00,  |
| BIN8(115,0)=   | 80000.00,  | 85000.00,  | 90000.00,  | 95000.00,  | 100000.00, | 150000.00, |
| BIN8(121,0)=   | 200000.00, | 250000.00, | 300000.00, | 350000.00, | 400000.00, | 450000.00, |
| BIN8(127,0)=   | 500000.00, | 550000.00, | 600000.00, | 650000.00, | 700000.00, | 750000.00, |
| BIN8(133,0)=   | 800000.00, | 850000.00, | 900000.00, |            |            |            |
| BIN8( 0,1)=1.0 |            |            |            |            |            |            |
| /COM,          | *****      |            |            |            |            |            |
| /EOF           |            |            |            |            |            |            |

```

/COM, *****
/COM, ** History of DNLW GLASS POUR CANISTER Heat Generation Rates **
/COM, ** Output Calculated by T. L. Lotz 4/17/95 for ORNL Report Data **
/COM, ** Extended to 100K years by R. N. Bahney 09/29/97 **
/COM, **
/COM, ** Executable File Name: MATHCAD.EXE **
/COM, ** Output File Name: hanfgl1.dat **
/COM, ** Execution Date: 04/17/95 **
/COM, ** Start Age (years): 0.0 **
/COM, ** Decay Period (years): 10000 **
/COM, ** Enrichment (kg Pu): N.A. **
/COM, ** Burnup (Mwd/MTM): N.A. **
/COM, ** Assembly Type: SR Pour Canis **
/COM, ** Pu Fract. (kg Pu/KG HM):N.A. **
/COM, **
/COM, **
/COM, ** HANG(#,1) is the Pour Canister heat in Watts. **
/COM, ** HANG(#,0) is the time post emplacement in years. **
/COM, *****
*SET,HANG,
*DIM,HANG,TABLE,106,1,
HANG( 1,1)= 871.20, 868.40, 865.60, 862.90, 860.10, 857.40,
HANG( 7,1)= 854.80, 852.10, 849.50, 846.90, 844.30, 831.80,
HANG(13,1)= 819.70, 808.20, 797.10, 786.60, 776.40, 766.70,
HANG(19,1)= 757.40, 748.40, 739.90, 731.60, 723.70, 716.10,
HANG(25,1)= 708.90, 701.90, 695.20, 688.70, 682.50, 631.90,
HANG(31,1)= 596.70, 571.30, 552.10, 537.10, 524.90, 514.50,
HANG(37,1)= 505.50, 497.30, 489.90, 483.00, 476.40, 470.20,
HANG(43,1)= 464.30, 458.50, 452.90, 447.50, 442.10, 393.80,
HANG(49,1)= 351.50, 314.10, 280.90, 251.50, 225.40, 202.20,
HANG(55,1)= 181.60, 163.40, 147.20, 132.80, 120.00, 108.70,
HANG(61,1)= 98.57, 89.60, 81.64, 74.55, 68.25, 32.95,
HANG(67,1)= 21.19, 16.60, 14.26, 12.69, 11.42, 10.33,
HANG(73,1)= 9.355, 8.477, 7.684, 6.967, 6.318, 5.731,
HANG(79,1)= 5.199, 4.719, 4.283, 3.890, 3.533, 1.390,
HANG(85,1)= 0.5979, 0.3034, 0.1920, 0.1478, 0.1284, 0.1181,
HANG(91,1)= 0.1111, 0.1054, 0.1002, 0.0951, 0.0900, 0.0850,
HANG(97,1)= 0.0800, 0.0750, 0.0700, 0.0650, 0.0600, 0.0500,
HANG(103,1)= 0.0400, 0.0400, 0.0700, 0.0700,
HANG( 1,0)= 0.000001, 0.01, 0.02, 0.03, 0.04, 0.05,
HANG( 7,0)= 0.06, 0.07, 0.08, 0.09, 0.10, 0.15,
HANG(13,0)= 0.20, 0.25, 0.30, 0.35, 0.40, 0.45,
HANG(19,0)= 0.50, 0.55, 0.60, 0.65, 0.70, 0.75,
HANG(25,0)= 0.80, 0.85, 0.90, 0.95, 1.00, 1.50,
HANG(31,0)= 2.00, 2.50, 3.00, 3.50, 4.00, 4.50,
HANG(37,0)= 5.00, 5.50, 6.00, 6.50, 7.00, 7.50,
HANG(43,0)= 8.00, 8.50, 9.00, 9.50, 10.00, 15.00,
HANG(49,0)= 20.00, 25.00, 30.00, 35.00, 40.00, 45.00,
HANG(55,0)= 50.00, 55.00, 60.00, 65.00, 70.00, 75.00,
HANG(61,0)= 80.00, 85.00, 90.00, 95.00, 100.00, 150.00,
HANG(67,0)= 200.00, 250.00, 300.00, 350.00, 400.00, 450.00,
HANG(73,0)= 500.00, 550.00, 600.00, 650.00, 700.00, 750.00,
HANG(79,0)= 800.00, 850.00, 900.00, 950.00, 1000.00, 1500.00,
HANG(85,0)= 2000.00, 2500.00, 3000.00, 3500.00, 4000.00, 4500.00,
HANG(91,0)= 5000.00, 5500.00, 6000.00, 6500.00, 7000.00, 7500.00,
HANG(97,0)= 8000.00, 8500.00, 9000.00, 9500.00, 10000.00, 20000.00,
HANG(103,0)= 50000.00, 100000.00, 500000.00, 1000000.00,
HANG( 0,1)=1.0
/COM, *****
/EOF

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/COM, *****
/COM, ** History of DHLW GLASS POUR CANISTER Heat Generation Rates **
/COM, ** Output Calculated by T. L. Lotz 5/04/95 for ORNL Report Data **
/COM, ** Extended to 100K years by R. N. Bahney 09/29/97 **
/COM, **
/COM, ** Executable File Name: MATNCAD.EXE **
/COM, ** Output File Name: srpgls1.dat **
/COM, ** Execution Date: 05/04/95 **
/COM, ** Start Age (years): 0.0 **
/COM, ** Decay Period (years): 10000 **
/COM, ** Enrichment (kg Pu): N.A. **
/COM, ** Burnup (MWD/MTNM): N.A. **
/COM, ** Assembly Type: SR Pour Canisters **
/COM, ** Pu Fract. (kg Pu/KG NM):N.A. **
/COM, **
/COM, ** SRPG(#,1) is the Pour Canister heat in Watts. **
/COM, ** SRPG(#,0) is the time post emplacement in years. **
/COM, *****
*SET,SRPG,
*DIM,SRPG,TABLE,106,1,
SRPG( 1,1)= 710.10, 709.00, 707.90, 706.80, 705.70, 704.60,
SRPG( 7,1)= 703.50, 702.40, 701.30, 700.30, 699.20, 694.00,
SRPG(13,1)= 689.00, 684.20, 679.60, 675.10, 670.80, 666.60,
SRPG(19,1)= 662.60, 658.70, 654.90, 651.30, 647.70, 644.30,
SRPG(25,1)= 641.00, 637.90, 634.80, 631.80, 628.90, 604.40,
SRPG(31,1)= 585.90, 571.60, 559.90, 550.00, 541.50, 533.80,
SRPG(37,1)= 526.70, 520.00, 513.70, 507.60, 501.70, 496.00,
SRPG(43,1)= 490.40, 484.80, 479.40, 474.10, 468.80, 419.60,
SRPG(49,1)= 376.00, 337.10, 302.50, 271.70, 244.20, 219.80,
SRPG(55,1)= 198.00, 178.50, 161.20, 145.70, 131.90, 119.50,
SRPG(61,1)= 108.50, 98.64, 89.82, 81.92, 74.84, 33.63,
SRPG(67,1)= 18.33, 11.66, 8.147, 5.996, 4.549, 3.529,
SRPG(73,1)= 2.793, 2.258, 1.868, 1.582, 1.372, 1.218,
SRPG(79,1)= 1.105, 1.022, 0.9608, 0.9155, 0.8819, 0.7813,
SRPG(85,1)= 0.7602, 0.7425, 0.7250, 0.7075, 0.6900, 0.6725,
SRPG(91,1)= 0.6550, 0.6375, 0.6200, 0.6025, 0.5850, 0.5675,
SRPG(97,1)= 0.5500, 0.5325, 0.5150, 0.4975, 0.4800, 0.3000,
SRPG(103,1)= 0.1600, 0.1100, 0.0500, 0.0200,
SRPG( 1,0)= 0.000001, 0.01, 0.02, 0.03, 0.04, 0.05,
SRPG( 7,0)= 0.06, 0.07, 0.08, 0.09, 0.10, 0.15,
SRPG(13,0)= 0.20, 0.25, 0.30, 0.35, 0.40, 0.45,
SRPG(19,0)= 0.50, 0.55, 0.60, 0.65, 0.70, 0.75,
SRPG(25,0)= 0.80, 0.85, 0.90, 0.95, 1.00, 1.50,
SRPG(31,0)= 2.00, 2.50, 3.00, 3.50, 4.00, 4.50,
SRPG(37,0)= 5.00, 5.50, 6.00, 6.50, 7.00, 7.50,
SRPG(43,0)= 8.00, 8.50, 9.00, 9.50, 10.00, 15.00,
SRPG(49,0)= 20.00, 25.00, 30.00, 35.00, 40.00, 45.00,
SRPG(55,0)= 50.00, 55.00, 60.00, 65.00, 70.00, 75.00,
SRPG(61,0)= 80.00, 85.00, 90.00, 95.00, 100.00, 150.00,
SRPG(67,0)= 200.00, 250.00, 300.00, 350.00, 400.00, 450.00,
SRPG(73,0)= 500.00, 550.00, 600.00, 650.00, 700.00, 750.00,
SRPG(79,0)= 800.00, 850.00, 900.00, 950.00, 1000.00, 1500.00,
SRPG(85,0)= 2000.00, 2500.00, 3000.00, 3500.00, 4000.00, 4500.00,
SRPG(91,0)= 5000.00, 5500.00, 6000.00, 6500.00, 7000.00, 7500.00,
SRPG(97,0)= 8000.00, 8500.00, 9000.00, 9500.00, 10000.00, 20000.00,
SRPG(103,0)= 50000.00, 100000.00, 500000.00, 1000000.00,
SRPG( 0,1)=1.0
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/COM, *****
/COM, ** History of DHLW GLASS POUR CANISTER Heat Generation Rates **
/COM, ** Output Calculated by T. L. Lotz 5/08/95 for ORNL Report Data **
/COM, ** Extended to 100K years by R. H. Bahney 09/29/97 **
/COM, **
/COM, ** Executable File Name: MATNCAD.EXE **
/COM, ** Output File Name: wvygls1.dat **
/COM, ** Execution Date: 05/08/95 **
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/COM, ** Decay Period (years): 10000 **
/COM, ** Enrichment (kg Pu): N.A. **
/COM, ** Burnup (MWd/MTM): N.A. **
/COM, ** Assembly Type: SR Pour Canisters **
/COM, ** Pu Fract. (kg Pu/KG MM):N.A. **
/COM, **
/COM, ** WVG(#,1) is the Pour Canister heat in Watts. **
/COM, ** WVG(#,0) is the time post emplacement in years. **
/COM, *****
*SET,WVG,
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WVG( 1,1)= 325.93, 325.86, 325.78, 325.70, 325.63, 325.55,
WVG( 7,1)= 325.48, 325.40, 325.33, 325.25, 325.17, 324.80,
WVG(13,1)= 324.42, 324.04, 323.66, 323.29, 322.91, 322.53,
WVG(19,1)= 322.16, 321.78, 321.41, 321.03, 320.66, 320.29,
WVG(25,1)= 319.91, 319.54, 319.17, 318.80, 318.43, 314.74,
WVG(31,1)= 311.10, 307.51, 303.95, 300.44, 296.97, 293.54,
WVG(37,1)= 290.15, 286.80, 283.50, 280.23, 277.00, 273.81,
WVG(43,1)= 270.66, 267.54, 264.47, 261.42, 258.42, 230.27,
WVG(49,1)= 205.31, 183.16, 163.50, 146.06, 130.58, 116.84,
WVG(55,1)= 104.64, 93.80, 84.18, 75.63, 68.03, 61.28,
WVG(61,1)= 55.28, 49.94, 45.19, 40.97, 37.21, 16.13,
WVG(67,1)= 9.190, 6.641, 5.502, 4.844, 4.371, 3.984,
WVG(73,1)= 3.648, 3.349, 3.081, 2.839, 2.620, 2.423,
WVG(79,1)= 2.244, 2.082, 1.936, 1.804, 1.684, 0.9627,
WVG(85,1)= 0.6893, 0.5783, 0.5263, 0.4956, 0.4727, 0.4526,
WVG(91,1)= 0.4335, 0.4148, 0.3962, 0.3776, 0.3591, 0.3406,
WVG(97,1)= 0.3221, 0.3036, 0.2851, 0.2666, 0.2480, 0.1800,
WVG(103,1)= 0.0800, 0.0400, 0.0400, 0.0300, 0.0300,
WVG( 1,0)= 0.000001, 0.01, 0.02, 0.03, 0.04, 0.05,
WVG( 7,0)= 0.06, 0.07, 0.08, 0.09, 0.10, 0.15,
WVG(13,0)= 0.20, 0.25, 0.30, 0.35, 0.40, 0.45,
WVG(19,0)= 0.50, 0.55, 0.60, 0.65, 0.70, 0.75,
WVG(25,0)= 0.80, 0.85, 0.90, 0.95, 1.00, 1.50,
WVG(31,0)= 2.00, 2.50, 3.00, 3.50, 4.00, 4.50,
WVG(37,0)= 5.00, 5.50, 6.00, 6.50, 7.00, 7.50,
WVG(43,0)= 8.00, 8.50, 9.00, 9.50, 10.00, 15.00,
WVG(49,0)= 20.00, 25.00, 30.00, 35.00, 40.00, 45.00,
WVG(55,0)= 50.00, 55.00, 60.00, 65.00, 70.00, 75.00,
WVG(61,0)= 80.00, 85.00, 90.00, 95.00, 100.00, 150.00,
WVG(67,0)= 200.00, 250.00, 300.00, 350.00, 400.00, 450.00,
WVG(73,0)= 500.00, 550.00, 600.00, 650.00, 700.00, 750.00,
WVG(79,0)= 800.00, 850.00, 900.00, 950.00, 1000.00, 1500.00,
WVG(85,0)= 2000.00, 2500.00, 3000.00, 3500.00, 4000.00, 4500.00,
WVG(91,0)= 5000.00, 5500.00, 6000.00, 6500.00, 7000.00, 7500.00,
WVG(97,0)= 8000.00, 8500.00, 9000.00, 9500.00, 10000.00, 20000.00,
WVG(103,0)= 50000.00, 100000.00, 500000.00, 1000000.00,
WVG( 0,1)=1.0
/COM, *****
/EOF

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INPUT FILE LISTING:

| #bins | Input_file | Output_file | Case_title           | Last_delivery |
|-------|------------|-------------|----------------------|---------------|
| 0     | case1.wsm  | case1.out   | W1:yff10_7dpc_isf_63 | 2045          |
| Type  | Cap        | Nmin        | Nmax                 | Kmin          |
|       |            |             | Kmax                 |               |

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OUTPUT FILE LISTING:

W1:yff10\_7dpc\_isf\_63  
Standard Table

BWR Heat Percentiles

| Watts/Assy | Assy | Cum. Assy | Percent |
|------------|------|-----------|---------|
| 10         | 660  | 660       | 0.53    |
| 20         | 1215 | 1875      | 1.51    |
| 30         | 1360 | 3235      | 2.60    |
| 40         | 2312 | 5547      | 4.46    |
| 50         | 2327 | 7874      | 6.34    |
| 60         | 2532 | 10406     | 8.37    |
| 70         | 3938 | 14344     | 11.54   |
| 80         | 5031 | 19375     | 15.59   |
| 90         | 8664 | 28039     | 22.56   |
| 100        | 7986 | 36025     | 28.99   |
| 110        | 5512 | 41537     | 33.43   |
| 120        | 4102 | 45639     | 36.73   |
| 130        | 3293 | 48932     | 39.38   |
| 140        | 3653 | 52585     | 42.32   |
| 150        | 4381 | 56966     | 45.84   |
| 160        | 6299 | 63265     | 50.91   |
| 170        | 6253 | 69518     | 55.94   |
| 180        | 4627 | 74145     | 59.66   |
| 190        | 3047 | 77192     | 62.12   |
| 200        | 2976 | 80168     | 64.51   |
| 210        | 2887 | 83055     | 66.83   |
| 220        | 2128 | 85183     | 68.55   |
| 230        | 1738 | 86921     | 69.95   |
| 240        | 1496 | 88417     | 71.15   |
| 250        | 1143 | 89560     | 72.07   |
| 260        | 1784 | 91344     | 73.51   |
| 270        | 5274 | 96618     | 77.75   |
| 280        | 2793 | 99411     | 80.00   |
| 290        | 3574 | 102985    | 82.87   |
| 300        | 2875 | 105860    | 85.19   |
| 310        | 3249 | 109109    | 87.80   |
| 320        | 2370 | 111479    | 89.71   |
| 330        | 3561 | 115040    | 92.57   |
| 340        | 2571 | 117611    | 94.64   |
| 350        | 4557 | 122168    | 98.31   |
| 360        | 1899 | 124067    | 99.84   |
| 370        | 202  | 124269    | 100.00  |
| 380        | 0    | 124269    | 100.00  |
| 390        | 0    | 124269    | 100.00  |
| 400        | 0    | 124269    | 100.00  |
| 410        | 0    | 124269    | 100.00  |
| 420        | 0    | 124269    | 100.00  |
| 430        | 0    | 124269    | 100.00  |
| 440        | 0    | 124269    | 100.00  |
| 450        | 0    | 124269    | 100.00  |
| 460        | 0    | 124269    | 100.00  |
| 470        | 0    | 124269    | 100.00  |
| 480        | 0    | 124269    | 100.00  |
| 490        | 0    | 124269    | 100.00  |
| 500        | 0    | 124269    | 100.00  |
| 510        | 0    | 124269    | 100.00  |
| 520        | 0    | 124269    | 100.00  |
| 530        | 0    | 124269    | 100.00  |
| 540        | 0    | 124269    | 100.00  |
| 550        | 0    | 124269    | 100.00  |

|       |   |        |        |
|-------|---|--------|--------|
| 560   | 0 | 124269 | 100.00 |
| 570   | 0 | 124269 | 100.00 |
| 580   | 0 | 124269 | 100.00 |
| 590   | 0 | 124269 | 100.00 |
| 600   | 0 | 124269 | 100.00 |
| 610   | 0 | 124269 | 100.00 |
| 620   | 0 | 124269 | 100.00 |
| 630   | 0 | 124269 | 100.00 |
| 640   | 0 | 124269 | 100.00 |
| 650   | 0 | 124269 | 100.00 |
| 660   | 0 | 124269 | 100.00 |
| 670   | 0 | 124269 | 100.00 |
| 680   | 0 | 124269 | 100.00 |
| 690   | 0 | 124269 | 100.00 |
| 700   | 0 | 124269 | 100.00 |
| 710   | 0 | 124269 | 100.00 |
| 720   | 0 | 124269 | 100.00 |
| 730   | 0 | 124269 | 100.00 |
| 740   | 0 | 124269 | 100.00 |
| 750   | 0 | 124269 | 100.00 |
| 760   | 0 | 124269 | 100.00 |
| 770   | 0 | 124269 | 100.00 |
| 780   | 0 | 124269 | 100.00 |
| 790   | 0 | 124269 | 100.00 |
| 800   | 0 | 124269 | 100.00 |
| 810   | 0 | 124269 | 100.00 |
| 820   | 0 | 124269 | 100.00 |
| 830   | 0 | 124269 | 100.00 |
| 840   | 0 | 124269 | 100.00 |
| 850   | 0 | 124269 | 100.00 |
| 860   | 0 | 124269 | 100.00 |
| 870   | 0 | 124269 | 100.00 |
| 880   | 0 | 124269 | 100.00 |
| 890   | 0 | 124269 | 100.00 |
| 900   | 0 | 124269 | 100.00 |
| 910   | 0 | 124269 | 100.00 |
| 920   | 0 | 124269 | 100.00 |
| 930   | 0 | 124269 | 100.00 |
| 940   | 0 | 124269 | 100.00 |
| 950   | 0 | 124269 | 100.00 |
| 960   | 0 | 124269 | 100.00 |
| 970   | 0 | 124269 | 100.00 |
| 980   | 0 | 124269 | 100.00 |
| 990   | 0 | 124269 | 100.00 |
| Above | 0 | 124269 | 100.00 |

BWR Kinf Percentiles

| Kinf  | Assy | CumAssy | Percent |
|-------|------|---------|---------|
| 0.760 | 0    | 0       | 0.00    |
| 0.770 | 0    | 0       | 0.00    |
| 0.780 | 0    | 0       | 0.00    |
| 0.790 | 0    | 0       | 0.00    |
| 0.800 | 0    | 0       | 0.00    |
| 0.810 | 12   | 12      | 0.01    |
| 0.820 | 0    | 12      | 0.01    |
| 0.830 | 16   | 28      | 0.02    |
| 0.840 | 0    | 28      | 0.02    |
| 0.850 | 5    | 33      | 0.03    |
| 0.860 | 114  | 147     | 0.12    |
| 0.870 | 0    | 147     | 0.12    |
| 0.880 | 0    | 147     | 0.12    |
| 0.890 | 0    | 147     | 0.12    |
| 0.900 | 191  | 338     | 0.27    |
| 0.910 | 64   | 402     | 0.32    |
| 0.920 | 551  | 953     | 0.77    |
| 0.930 | 409  | 1362    | 1.10    |
| 0.940 | 895  | 2257    | 1.82    |
| 0.950 | 1194 | 3451    | 2.78    |
| 0.960 | 1804 | 5255    | 4.23    |

|       |       |        |        |
|-------|-------|--------|--------|
| 0.970 | 3411  | 8666   | 6.97   |
| 0.980 | 9837  | 18503  | 14.89  |
| 0.990 | 5294  | 23797  | 19.15  |
| 1.000 | 6790  | 30587  | 24.61  |
| 1.010 | 8974  | 39561  | 31.83  |
| 1.020 | 13113 | 52674  | 42.39  |
| 1.030 | 11558 | 64232  | 51.69  |
| 1.040 | 16455 | 80687  | 64.93  |
| 1.050 | 8441  | 89128  | 71.72  |
| 1.060 | 8722  | 97850  | 78.74  |
| 1.070 | 5570  | 103420 | 83.22  |
| 1.080 | 3008  | 106428 | 85.64  |
| 1.090 | 3736  | 110164 | 88.65  |
| 1.100 | 1965  | 112129 | 90.23  |
| 1.110 | 1435  | 113564 | 91.39  |
| 1.120 | 2098  | 115662 | 93.07  |
| 1.130 | 489   | 116151 | 93.47  |
| 1.140 | 1294  | 117445 | 94.51  |
| 1.150 | 499   | 117944 | 94.91  |
| 1.160 | 788   | 118732 | 95.54  |
| 1.170 | 292   | 119024 | 95.78  |
| 1.180 | 390   | 119414 | 96.09  |
| 1.190 | 203   | 119617 | 96.26  |
| 1.200 | 236   | 119853 | 96.45  |
| 1.210 | 289   | 120142 | 96.68  |
| 1.220 | 238   | 120380 | 96.87  |
| 1.230 | 171   | 120551 | 97.01  |
| 1.240 | 297   | 120848 | 97.25  |
| 1.250 | 442   | 121290 | 97.60  |
| 1.260 | 699   | 121989 | 98.17  |
| 1.270 | 262   | 122251 | 98.38  |
| 1.280 | 173   | 122424 | 98.52  |
| 1.290 | 118   | 122542 | 98.61  |
| 1.300 | 262   | 122804 | 98.82  |
| 1.310 | 173   | 122977 | 98.96  |
| 1.320 | 138   | 123115 | 99.07  |
| 1.330 | 33    | 123148 | 99.10  |
| 1.340 | 19    | 123167 | 99.11  |
| 1.350 | 31    | 123198 | 99.14  |
| 1.360 | 35    | 123233 | 99.17  |
| 1.370 | 43    | 123276 | 99.20  |
| 1.380 | 440   | 123716 | 99.55  |
| 1.390 | 25    | 123741 | 99.58  |
| 1.400 | 19    | 123760 | 99.59  |
| 1.410 | 451   | 124211 | 99.95  |
| 1.420 | 16    | 124227 | 99.97  |
| 1.430 | 3     | 124230 | 99.97  |
| 1.440 | 0     | 124230 | 99.97  |
| 1.450 | 1     | 124231 | 99.97  |
| 1.460 | 5     | 124236 | 99.97  |
| 1.470 | 0     | 124236 | 99.97  |
| 1.480 | 3     | 124239 | 99.98  |
| 1.490 | 25    | 124264 | 100.00 |
| 1.500 | 0     | 124264 | 100.00 |
| 1.510 | 0     | 124264 | 100.00 |
| 1.520 | 0     | 124264 | 100.00 |
| 1.530 | 1     | 124265 | 100.00 |
| 1.540 | 4     | 124269 | 100.00 |
| 1.550 | 0     | 124269 | 100.00 |
| 1.560 | 0     | 124269 | 100.00 |
| 1.570 | 0     | 124269 | 100.00 |
| 1.580 | 0     | 124269 | 100.00 |
| 1.590 | 0     | 124269 | 100.00 |
| Above | 0     | 124269 | 100.00 |

PWR Heat Percentiles

| Watts/Assy | Assy | Cum Assy | Percent |
|------------|------|----------|---------|
| 10         | 28   | 28       | 0.03    |
| 20         | 15   | 43       | 0.05    |

|     |      |       |       |
|-----|------|-------|-------|
| 30  | 16   | 59    | 0.06  |
| 40  | 90   | 149   | 0.16  |
| 50  | 56   | 205   | 0.22  |
| 60  | 67   | 272   | 0.29  |
| 70  | 144  | 416   | 0.44  |
| 80  | 170  | 586   | 0.62  |
| 90  | 252  | 838   | 0.88  |
| 100 | 307  | 1145  | 1.21  |
| 110 | 220  | 1365  | 1.44  |
| 120 | 606  | 1971  | 2.08  |
| 130 | 480  | 2451  | 2.58  |
| 140 | 726  | 3177  | 3.35  |
| 150 | 481  | 3658  | 3.86  |
| 160 | 737  | 4395  | 4.63  |
| 170 | 560  | 4955  | 5.22  |
| 180 | 791  | 5746  | 6.06  |
| 190 | 994  | 6740  | 7.11  |
| 200 | 829  | 7569  | 7.98  |
| 210 | 942  | 8511  | 8.97  |
| 220 | 1319 | 9830  | 10.36 |
| 230 | 1415 | 11245 | 11.86 |
| 240 | 1250 | 12495 | 13.17 |
| 250 | 1655 | 14150 | 14.92 |
| 260 | 1443 | 15593 | 16.44 |
| 270 | 1973 | 17566 | 18.52 |
| 280 | 1651 | 19217 | 20.26 |
| 290 | 1612 | 20829 | 21.96 |
| 300 | 1425 | 22254 | 23.46 |
| 310 | 1636 | 23890 | 25.19 |
| 320 | 1998 | 25888 | 27.29 |
| 330 | 1903 | 27791 | 29.30 |
| 340 | 1638 | 29429 | 31.03 |
| 350 | 1797 | 31226 | 32.92 |
| 360 | 2178 | 33404 | 35.22 |
| 370 | 2639 | 36043 | 38.00 |
| 380 | 1647 | 37690 | 39.74 |
| 390 | 1749 | 39439 | 41.58 |
| 400 | 2114 | 41553 | 43.81 |
| 410 | 2173 | 43726 | 46.10 |
| 420 | 1892 | 45618 | 48.10 |
| 430 | 1386 | 47004 | 49.56 |
| 440 | 2411 | 49415 | 52.10 |
| 450 | 1571 | 50986 | 53.76 |
| 460 | 1791 | 52777 | 55.64 |
| 470 | 1244 | 54021 | 56.96 |
| 480 | 1139 | 55160 | 58.16 |
| 490 | 794  | 55954 | 58.99 |
| 500 | 1056 | 57010 | 60.11 |
| 510 | 796  | 57806 | 60.95 |
| 520 | 577  | 58383 | 61.55 |
| 530 | 372  | 58755 | 61.95 |
| 540 | 624  | 59379 | 62.61 |
| 550 | 760  | 60139 | 63.41 |
| 560 | 838  | 60977 | 64.29 |
| 570 | 614  | 61591 | 64.94 |
| 580 | 771  | 62362 | 65.75 |
| 590 | 1514 | 63876 | 67.35 |
| 600 | 1621 | 65497 | 69.06 |
| 610 | 1382 | 66879 | 70.51 |
| 620 | 1029 | 67908 | 71.60 |
| 630 | 665  | 68573 | 72.30 |
| 640 | 1149 | 69722 | 73.51 |
| 650 | 1523 | 71245 | 75.12 |
| 660 | 865  | 72110 | 76.03 |
| 670 | 881  | 72991 | 76.96 |
| 680 | 1061 | 74052 | 78.08 |
| 690 | 1527 | 75579 | 79.69 |
| 700 | 2596 | 78175 | 82.42 |
| 710 | 2670 | 80845 | 85.24 |
| 720 | 982  | 81827 | 86.27 |

|      |     |       |        |
|------|-----|-------|--------|
| 730  | 591 | 82418 | 86.90  |
| 740  | 586 | 83004 | 87.51  |
| 750  | 845 | 83849 | 88.40  |
| 760  | 642 | 84491 | 89.08  |
| 770  | 679 | 85170 | 89.80  |
| 780  | 548 | 85718 | 90.38  |
| 790  | 391 | 86109 | 90.79  |
| 800  | 689 | 86798 | 91.51  |
| 810  | 495 | 87293 | 92.04  |
| 820  | 619 | 87912 | 92.69  |
| 830  | 293 | 88205 | 93.00  |
| 840  | 561 | 88766 | 93.59  |
| 850  | 423 | 89189 | 94.03  |
| 860  | 498 | 89687 | 94.56  |
| 870  | 212 | 89899 | 94.78  |
| 880  | 237 | 90136 | 95.03  |
| 890  | 401 | 90537 | 95.46  |
| 900  | 178 | 90715 | 95.64  |
| 910  | 494 | 91209 | 96.16  |
| 920  | 241 | 91450 | 96.42  |
| 930  | 258 | 91708 | 96.69  |
| 940  | 467 | 92175 | 97.18  |
| 950  | 243 | 92418 | 97.44  |
| 960  | 218 | 92636 | 97.67  |
| 970  | 284 | 92920 | 97.97  |
| 980  | 405 | 93325 | 98.40  |
| 990  | 467 | 93792 | 98.89  |
| 1000 | 450 | 94242 | 99.36  |
| 1010 | 21  | 94263 | 99.38  |
| 1020 | 335 | 94598 | 99.74  |
| 1030 | 119 | 94717 | 99.86  |
| 1040 | 0   | 94717 | 99.86  |
| 1050 | 32  | 94749 | 99.90  |
| 1060 | 0   | 94749 | 99.90  |
| 1070 | 0   | 94749 | 99.90  |
| 1080 | 28  | 94777 | 99.93  |
| 1090 | 7   | 94784 | 99.93  |
| 1100 | 0   | 94784 | 99.93  |
| 1110 | 7   | 94791 | 99.94  |
| 1120 | 0   | 94791 | 99.94  |
| 1130 | 0   | 94791 | 99.94  |
| 1140 | 0   | 94791 | 99.94  |
| 1150 | 0   | 94791 | 99.94  |
| 1160 | 2   | 94793 | 99.94  |
| 1170 | 0   | 94793 | 99.94  |
| 1180 | 0   | 94793 | 99.94  |
| 1190 | 0   | 94793 | 99.94  |
| 1200 | 0   | 94793 | 99.94  |
| 1210 | 1   | 94794 | 99.94  |
| 1220 | 0   | 94794 | 99.94  |
| 1230 | 0   | 94794 | 99.94  |
| 1240 | 0   | 94794 | 99.94  |
| 1250 | 0   | 94794 | 99.94  |
| 1260 | 0   | 94794 | 99.94  |
| 1270 | 0   | 94794 | 99.94  |
| 1280 | 0   | 94794 | 99.94  |
| 1290 | 0   | 94794 | 99.94  |
| 1300 | 12  | 94806 | 99.96  |
| 1310 | 0   | 94806 | 99.96  |
| 1320 | 0   | 94806 | 99.96  |
| 1330 | 28  | 94834 | 99.99  |
| 1340 | 0   | 94834 | 99.99  |
| 1350 | 0   | 94834 | 99.99  |
| 1360 | 0   | 94834 | 99.99  |
| 1370 | 13  | 94847 | 100.00 |
| 1380 | 0   | 94847 | 100.00 |
| 1390 | 0   | 94847 | 100.00 |
| 1400 | 0   | 94847 | 100.00 |
| 1410 | 0   | 94847 | 100.00 |
| 1420 | 0   | 94847 | 100.00 |

|       |   |       |        |
|-------|---|-------|--------|
| 1430  | 0 | 94847 | 100.00 |
| 1440  | 0 | 94847 | 100.00 |
| 1450  | 0 | 94847 | 100.00 |
| 1460  | 0 | 94847 | 100.00 |
| 1470  | 0 | 94847 | 100.00 |
| 1480  | 0 | 94847 | 100.00 |
| 1490  | 0 | 94847 | 100.00 |
| 1500  | 0 | 94847 | 100.00 |
| 1510  | 0 | 94847 | 100.00 |
| 1520  | 0 | 94847 | 100.00 |
| 1530  | 0 | 94847 | 100.00 |
| 1540  | 0 | 94847 | 100.00 |
| 1550  | 0 | 94847 | 100.00 |
| 1560  | 0 | 94847 | 100.00 |
| 1570  | 0 | 94847 | 100.00 |
| 1580  | 0 | 94847 | 100.00 |
| 1590  | 0 | 94847 | 100.00 |
| 1600  | 0 | 94847 | 100.00 |
| 1610  | 0 | 94847 | 100.00 |
| 1620  | 0 | 94847 | 100.00 |
| 1630  | 0 | 94847 | 100.00 |
| 1640  | 0 | 94847 | 100.00 |
| 1650  | 0 | 94847 | 100.00 |
| 1660  | 0 | 94847 | 100.00 |
| 1670  | 0 | 94847 | 100.00 |
| 1680  | 0 | 94847 | 100.00 |
| 1690  | 0 | 94847 | 100.00 |
| 1700  | 0 | 94847 | 100.00 |
| 1710  | 0 | 94847 | 100.00 |
| 1720  | 0 | 94847 | 100.00 |
| 1730  | 0 | 94847 | 100.00 |
| 1740  | 0 | 94847 | 100.00 |
| 1750  | 0 | 94847 | 100.00 |
| 1760  | 0 | 94847 | 100.00 |
| 1770  | 0 | 94847 | 100.00 |
| 1780  | 0 | 94847 | 100.00 |
| 1790  | 0 | 94847 | 100.00 |
| 1800  | 0 | 94847 | 100.00 |
| 1810  | 0 | 94847 | 100.00 |
| 1820  | 0 | 94847 | 100.00 |
| 1830  | 0 | 94847 | 100.00 |
| 1840  | 0 | 94847 | 100.00 |
| 1850  | 0 | 94847 | 100.00 |
| 1860  | 0 | 94847 | 100.00 |
| 1870  | 0 | 94847 | 100.00 |
| 1880  | 0 | 94847 | 100.00 |
| 1890  | 0 | 94847 | 100.00 |
| 1900  | 0 | 94847 | 100.00 |
| 1910  | 0 | 94847 | 100.00 |
| 1920  | 0 | 94847 | 100.00 |
| 1930  | 0 | 94847 | 100.00 |
| 1940  | 0 | 94847 | 100.00 |
| 1950  | 0 | 94847 | 100.00 |
| 1960  | 0 | 94847 | 100.00 |
| 1970  | 0 | 94847 | 100.00 |
| 1980  | 0 | 94847 | 100.00 |
| 1990  | 0 | 94847 | 100.00 |
| Above | 0 | 94847 | 100.00 |

PWR Kinf Percentiles

| Kinf  | Assy | CumAssy | Percent |
|-------|------|---------|---------|
| 0.760 | 5    | 5       | 0.01    |
| 0.770 | 0    | 5       | 0.01    |
| 0.780 | 0    | 5       | 0.01    |
| 0.790 | 0    | 5       | 0.01    |
| 0.800 | 0    | 5       | 0.01    |
| 0.810 | 11   | 16      | 0.02    |
| 0.820 | 0    | 16      | 0.02    |
| 0.830 | 0    | 16      | 0.02    |

|       |       |       |        |
|-------|-------|-------|--------|
| 0.840 | 1     | 17    | 0.02   |
| 0.850 | 1     | 18    | 0.02   |
| 0.860 | 1     | 19    | 0.02   |
| 0.870 | 19    | 38    | 0.04   |
| 0.880 | 40    | 78    | 0.08   |
| 0.890 | 15    | 93    | 0.10   |
| 0.900 | 27    | 120   | 0.13   |
| 0.910 | 92    | 212   | 0.22   |
| 0.920 | 309   | 521   | 0.55   |
| 0.930 | 319   | 840   | 0.89   |
| 0.940 | 789   | 1629  | 1.72   |
| 0.950 | 1680  | 3309  | 3.49   |
| 0.960 | 2016  | 5325  | 5.61   |
| 0.970 | 4362  | 9687  | 10.21  |
| 0.980 | 6303  | 15990 | 16.86  |
| 0.990 | 9506  | 25496 | 26.88  |
| 1.000 | 9953  | 35449 | 37.37  |
| 1.010 | 10885 | 46334 | 48.85  |
| 1.020 | 10851 | 57185 | 60.29  |
| 1.030 | 9346  | 66531 | 70.15  |
| 1.040 | 6907  | 73438 | 77.43  |
| 1.050 | 6927  | 80365 | 84.73  |
| 1.060 | 3157  | 83522 | 88.06  |
| 1.070 | 2194  | 85716 | 90.37  |
| 1.080 | 2005  | 87721 | 92.49  |
| 1.090 | 919   | 88640 | 93.46  |
| 1.100 | 1418  | 90058 | 94.95  |
| 1.110 | 1024  | 91082 | 96.03  |
| 1.120 | 688   | 91770 | 96.76  |
| 1.130 | 549   | 92319 | 97.33  |
| 1.140 | 421   | 92740 | 97.78  |
| 1.150 | 227   | 92967 | 98.02  |
| 1.160 | 301   | 93268 | 98.34  |
| 1.170 | 103   | 93371 | 98.44  |
| 1.180 | 112   | 93483 | 98.56  |
| 1.190 | 241   | 93724 | 98.82  |
| 1.200 | 132   | 93856 | 98.96  |
| 1.210 | 72    | 93928 | 99.03  |
| 1.220 | 18    | 93946 | 99.05  |
| 1.230 | 126   | 94072 | 99.18  |
| 1.240 | 149   | 94221 | 99.34  |
| 1.250 | 128   | 94349 | 99.47  |
| 1.260 | 62    | 94411 | 99.54  |
| 1.270 | 59    | 94470 | 99.60  |
| 1.280 | 35    | 94505 | 99.64  |
| 1.290 | 64    | 94569 | 99.71  |
| 1.300 | 82    | 94651 | 99.79  |
| 1.310 | 18    | 94669 | 99.81  |
| 1.320 | 60    | 94729 | 99.88  |
| 1.330 | 24    | 94753 | 99.90  |
| 1.340 | 44    | 94797 | 99.95  |
| 1.350 | 2     | 94799 | 99.95  |
| 1.360 | 4     | 94803 | 99.95  |
| 1.370 | 7     | 94810 | 99.96  |
| 1.380 | 0     | 94810 | 99.96  |
| 1.390 | 0     | 94810 | 99.96  |
| 1.400 | 0     | 94810 | 99.96  |
| 1.410 | 1     | 94811 | 99.96  |
| 1.420 | 0     | 94811 | 99.96  |
| 1.430 | 12    | 94823 | 99.97  |
| 1.440 | 0     | 94823 | 99.97  |
| 1.450 | 16    | 94839 | 99.99  |
| 1.460 | 8     | 94847 | 100.00 |
| 1.470 | 0     | 94847 | 100.00 |
| 1.480 | 0     | 94847 | 100.00 |
| 1.490 | 0     | 94847 | 100.00 |
| 1.500 | 0     | 94847 | 100.00 |
| 1.510 | 0     | 94847 | 100.00 |
| 1.520 | 0     | 94847 | 100.00 |
| 1.530 | 0     | 94847 | 100.00 |

|       |   |       |        |
|-------|---|-------|--------|
| 1.540 | 0 | 94847 | 100.00 |
| 1.550 | 0 | 94847 | 100.00 |
| 1.560 | 0 | 94847 | 100.00 |
| 1.570 | 0 | 94847 | 100.00 |
| 1.580 | 0 | 94847 | 100.00 |
| 1.590 | 0 | 94847 | 100.00 |
| Above | 0 | 94847 | 100.00 |

| Year | MTU     | B Assy | P Assy |
|------|---------|--------|--------|
| 2010 | 289.94  | 572    | 420    |
| 2011 | 603.78  | 1584   | 747    |
| 2012 | 1211.75 | 2508   | 1742   |
| 2013 | 1986.60 | 3256   | 3207   |
| 2014 | 2998.60 | 5837   | 4569   |
| 2015 | 2999.74 | 5345   | 4698   |
| 2016 | 2994.44 | 5961   | 4434   |
| 2017 | 3017.16 | 5323   | 4686   |
| 2018 | 2994.21 | 5890   | 4456   |
| 2019 | 3012.98 | 5367   | 4651   |
| 2020 | 3016.49 | 5676   | 4557   |
| 2021 | 2987.63 | 5720   | 4452   |
| 2022 | 3004.32 | 5456   | 4641   |
| 2023 | 3001.55 | 5368   | 4668   |
| 2024 | 2983.97 | 5720   | 4503   |
| 2025 | 3006.66 | 6838   | 4170   |
| 2026 | 3003.55 | 8293   | 3990   |
| 2027 | 3011.15 | 7168   | 4263   |
| 2028 | 2997.49 | 6621   | 4242   |
| 2029 | 2988.94 | 6005   | 4410   |
| 2030 | 3025.98 | 6070   | 4620   |
| 2031 | 2984.02 | 5081   | 4872   |
| 2032 | 3011.56 | 5035   | 4977   |
| 2033 | 1871.21 | 3575   | 2872   |
| 2034 | 0.00    | 0      | 0      |
| 2035 | 0.00    | 0      | 0      |
| 2036 | 0.00    | 0      | 0      |
| 2037 | 0.00    | 0      | 0      |
| 2038 | 0.00    | 0      | 0      |
| 2039 | 0.00    | 0      | 0      |
| 2040 | 0.00    | 0      | 0      |
| 2041 | 0.00    | 0      | 0      |
| 2042 | 0.00    | 0      | 0      |
| 2043 | 0.00    | 0      | 0      |
| 2044 | 0.00    | 0      | 0      |
| 2045 | 0.00    | 0      | 0      |

Average age = 26.636

JUNK FILE LISTING:

|                      |            |            |            |             |
|----------------------|------------|------------|------------|-------------|
| Nassy=1 burnup=1.87  | kinf=1.529 | Enrch=3.63 | Dschg=1968 | WEST VALLEY |
| Nassy=2 burnup=1.45  | kinf=1.536 | Enrch=3.63 | Dschg=1968 | WEST VALLEY |
| Nassy=2 burnup=1.53  | kinf=1.535 | Enrch=3.63 | Dschg=1968 | WEST VALLEY |
| Nassy=1 burnup=6.38  | kinf=1.455 | Enrch=3.63 | Dschg=1969 | WEST VALLEY |
| Nassy=2 burnup=0.32  | kinf=1.314 | Enrch=2.13 | Dschg=1970 | GE MORRIS ( |
| Nassy=1 burnup=0.32  | kinf=1.315 | Enrch=2.13 | Dschg=1970 | GE MORRIS ( |
| Nassy=3 burnup=0.35  | kinf=1.314 | Enrch=2.13 | Dschg=1970 | GE MORRIS ( |
| Nassy=8 burnup=0.34  | kinf=1.314 | Enrch=2.13 | Dschg=1970 | GE MORRIS ( |
| Nassy=1 burnup=0.35  | kinf=1.314 | Enrch=2.13 | Dschg=1970 | GE MORRIS ( |
| Nassy=1 burnup=0.18  | kinf=1.317 | Enrch=2.13 | Dschg=1970 | GE MORRIS ( |
| Nassy=1 burnup=0.36  | kinf=1.314 | Enrch=2.13 | Dschg=1970 | GE MORRIS ( |
| Nassy=1 burnup=0.23  | kinf=1.317 | Enrch=2.13 | Dschg=1970 | GE MORRIS ( |
| Nassy=1 burnup=0.32  | kinf=1.314 | Enrch=2.13 | Dschg=1970 | GE MORRIS ( |
| Nassy=10 burnup=0.34 | kinf=1.315 | Enrch=2.13 | Dschg=1970 | GE MORRIS ( |
| Nassy=1 burnup=1.48  | kinf=1.297 | Enrch=2.13 | Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=0.86  | kinf=1.307 | Enrch=2.13 | Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=1.22  | kinf=1.301 | Enrch=2.13 | Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.22  | kinf=1.301 | Enrch=2.13 | Dschg=1971 | GE MORRIS ( |

|                      |                                  |             |
|----------------------|----------------------------------|-------------|
| Nassy=7 burnup=1.63  | kinf=1.295 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.77  | kinf=1.260 Enrch=1.93 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.31  | kinf=1.299 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=6 burnup=1.86  | kinf=1.291 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=4 burnup=1.85  | kinf=1.257 Enrch=1.93 Dschg=1971 | GE MORRIS ( |
| Nassy=4 burnup=1.79  | kinf=1.292 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=16 burnup=1.74 | kinf=1.293 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.74  | kinf=1.293 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.34  | kinf=1.299 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.46  | kinf=1.270 Enrch=1.97 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.57  | kinf=1.267 Enrch=1.96 Dschg=1971 | GE MORRIS ( |
| Nassy=5 burnup=1.50  | kinf=1.297 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.50  | kinf=1.297 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=5 burnup=1.76  | kinf=1.261 Enrch=1.94 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.23  | kinf=1.279 Enrch=2.00 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.31  | kinf=1.299 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=1.46  | kinf=1.298 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=6 burnup=1.48  | kinf=1.297 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=4 burnup=1.00  | kinf=1.305 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=1.09  | kinf=1.303 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.27  | kinf=1.300 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.27  | kinf=1.300 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=0.86  | kinf=1.307 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.28  | kinf=1.300 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=1.32  | kinf=1.275 Enrch=1.99 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.11  | kinf=1.302 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=5 burnup=1.42  | kinf=1.298 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=6 burnup=1.23  | kinf=1.301 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=11 burnup=1.34 | kinf=1.300 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=1.88  | kinf=1.291 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.88  | kinf=1.291 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=4 burnup=1.15  | kinf=1.302 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=8 burnup=1.44  | kinf=1.298 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=20 burnup=1.85 | kinf=1.291 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=0.86  | kinf=1.291 Enrch=2.04 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.62  | kinf=1.265 Enrch=1.96 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.64  | kinf=1.264 Enrch=1.95 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.83  | kinf=1.292 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=22 burnup=1.83 | kinf=1.292 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=1.83  | kinf=1.292 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=1.13  | kinf=1.303 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=18 burnup=1.63 | kinf=1.295 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=6 burnup=1.63  | kinf=1.295 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=1.78  | kinf=1.260 Enrch=1.94 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=9.28  | kinf=1.410 Enrch=3.63 Dschg=1971 | WEST VALLEY |
| Nassy=1 burnup=4.99  | kinf=1.478 Enrch=3.63 Dschg=1971 | WEST VALLEY |
| Nassy=1 burnup=8.24  | kinf=1.426 Enrch=3.63 Dschg=1971 | WEST VALLEY |
| Nassy=1 burnup=9.23  | kinf=1.411 Enrch=3.63 Dschg=1971 | WEST VALLEY |
| Nassy=1 burnup=1.53  | kinf=1.318 Enrch=2.26 Dschg=1971 | DRESDEN     |
| Nassy=1 burnup=4.49  | kinf=1.250 Enrch=2.11 Dschg=1971 | OYSTER CRK  |
| Nassy=1 burnup=3.27  | kinf=1.212 Enrch=1.78 Dschg=1972 | GE MORRIS ( |
| Nassy=22 burnup=4.52 | kinf=1.253 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=13 burnup=4.52 | kinf=1.253 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=25 burnup=4.52 | kinf=1.253 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=19 burnup=3.43 | kinf=1.269 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=4 burnup=3.43  | kinf=1.269 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=13 burnup=3.43 | kinf=1.269 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=12 burnup=2.81 | kinf=1.227 Enrch=1.83 Dschg=1972 | GE MORRIS ( |
| Nassy=10 burnup=3.13 | kinf=1.217 Enrch=1.80 Dschg=1972 | GE MORRIS ( |
| Nassy=5 burnup=3.87  | kinf=1.195 Enrch=1.73 Dschg=1972 | GE MORRIS ( |
| Nassy=21 burnup=3.87 | kinf=1.195 Enrch=1.73 Dschg=1972 | GE MORRIS ( |
| Nassy=4 burnup=3.87  | kinf=1.195 Enrch=1.73 Dschg=1972 | GE MORRIS ( |
| Nassy=19 burnup=4.14 | kinf=1.258 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=38 burnup=4.14 | kinf=1.258 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=6 burnup=4.14  | kinf=1.258 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=4 burnup=4.14  | kinf=1.258 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=14 burnup=4.62 | kinf=1.173 Enrch=1.67 Dschg=1972 | GE MORRIS ( |
| Nassy=13 burnup=3.39 | kinf=1.209 Enrch=1.77 Dschg=1972 | GE MORRIS ( |
| Nassy=5 burnup=3.34  | kinf=1.269 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=5 burnup=4.77  | kinf=1.249 Enrch=2.13 Dschg=1972 | GE MORRIS ( |

|                      |                                  |             |
|----------------------|----------------------------------|-------------|
| Nassy=3 burnup=3.84  | kinf=1.195 Enrch=1.73 Dschg=1972 | GE MORRIS ( |
| Nassy=2 burnup=3.84  | kinf=1.195 Enrch=1.73 Dschg=1972 | GE MORRIS ( |
| Nassy=1 burnup=3.28  | kinf=1.271 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=1 burnup=2.73  | kinf=1.279 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=7 burnup=4.69  | kinf=1.250 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=16 burnup=4.69 | kinf=1.250 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=9 burnup=4.31  | kinf=1.182 Enrch=1.69 Dschg=1972 | GE MORRIS ( |
| Nassy=14 burnup=4.31 | kinf=1.182 Enrch=1.69 Dschg=1972 | GE MORRIS ( |
| Nassy=10 burnup=3.12 | kinf=1.273 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=12 burnup=3.60 | kinf=1.203 Enrch=1.76 Dschg=1972 | GE MORRIS ( |
| Nassy=1 burnup=3.60  | kinf=1.203 Enrch=1.76 Dschg=1972 | GE MORRIS ( |
| Nassy=4 burnup=2.84  | kinf=1.277 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=4 burnup=4.38  | kinf=1.254 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=44 burnup=4.38 | kinf=1.254 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=7 burnup=4.38  | kinf=1.254 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=1 burnup=3.91  | kinf=1.261 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=2 burnup=3.91  | kinf=1.261 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=21 burnup=3.79 | kinf=1.263 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=13 burnup=3.77 | kinf=1.264 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=25 burnup=3.77 | kinf=1.264 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=19 burnup=3.77 | kinf=1.264 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=2 burnup=3.77  | kinf=1.264 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=24 burnup=4.39 | kinf=1.179 Enrch=1.68 Dschg=1972 | GE MORRIS ( |
| Nassy=14 burnup=4.64 | kinf=1.172 Enrch=1.66 Dschg=1972 | GE MORRIS ( |
| Nassy=1 burnup=8.59  | kinf=1.421 Enrch=3.63 Dschg=1972 | WEST VALLEY |
| Nassy=1 burnup=9.12  | kinf=1.413 Enrch=3.63 Dschg=1972 | WEST VALLEY |
| Nassy=1 burnup=8.73  | kinf=1.419 Enrch=3.63 Dschg=1972 | WEST VALLEY |
| Nassy=2 burnup=4.86  | kinf=1.239 Enrch=2.08 Dschg=1972 | MILLSTONE   |
| Nassy=4 burnup=6.45  | kinf=1.454 Enrch=3.63 Dschg=1973 | WEST VALLEY |
| Nassy=1 burnup=8.75  | kinf=1.418 Enrch=3.63 Dschg=1973 | WEST VALLEY |
| Nassy=1 burnup=7.35  | kinf=1.440 Enrch=3.63 Dschg=1973 | WEST VALLEY |
| Nassy=1 burnup=3.88  | kinf=1.262 Enrch=2.13 Dschg=1973 | DRESDEN     |
| Nassy=2 burnup=4.96  | kinf=1.266 Enrch=2.13 Dschg=1973 | DRESDEN     |
| Nassy=1 burnup=1.05  | kinf=1.365 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=3 burnup=0.97  | kinf=1.366 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=5 burnup=4.32  | kinf=1.315 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=1 burnup=0.99  | kinf=1.366 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=12 burnup=4.39 | kinf=1.315 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=2 burnup=4.39  | kinf=1.315 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=7 burnup=4.39  | kinf=1.315 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=2 burnup=4.00  | kinf=1.320 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=5 burnup=4.05  | kinf=1.320 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=4 burnup=1.16  | kinf=1.364 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=6 burnup=4.66  | kinf=1.311 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=1 burnup=0.99  | kinf=1.366 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=1 burnup=4.69  | kinf=1.310 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=4 burnup=9.23  | kinf=1.411 Enrch=3.63 Dschg=1973 | LACROSSE    |
| Nassy=1 burnup=8.77  | kinf=1.418 Enrch=3.63 Dschg=1973 | LACROSSE    |
| Nassy=1 burnup=9.10  | kinf=1.413 Enrch=3.63 Dschg=1973 | LACROSSE    |
| Nassy=3 burnup=9.10  | kinf=1.413 Enrch=3.63 Dschg=1973 | LACROSSE    |
| Nassy=1 burnup=3.97  | kinf=1.271 Enrch=2.19 Dschg=1973 | PILGRIM     |
| Nassy=1 burnup=2.63  | kinf=1.290 Enrch=2.19 Dschg=1973 | PILGRIM     |
| Nassy=1 burnup=8.95  | kinf=1.415 Enrch=3.63 Dschg=1974 | WEST VALLEY |
| Nassy=1 burnup=8.15  | kinf=1.428 Enrch=3.63 Dschg=1974 | WEST VALLEY |
| Nassy=5 burnup=4.95  | kinf=1.306 Enrch=2.50 Dschg=1974 | VT YANKEE   |
| Nassy=3 burnup=4.95  | kinf=1.306 Enrch=2.50 Dschg=1974 | VT YANKEE   |
| Nassy=1 burnup=7.57  | kinf=1.476 Enrch=3.92 Dschg=1975 | LACROSSE    |
| Nassy=1 burnup=3.71  | kinf=1.263 Enrch=2.12 Dschg=1975 | DUANE ARNOL |
| Nassy=1 burnup=3.78  | kinf=1.280 Enrch=2.23 Dschg=1975 | DRESDEN     |
| Nassy=1 burnup=2.90  | kinf=1.273 Enrch=2.11 Dschg=1976 | BRUNSWICK   |
| Nassy=1 burnup=3.30  | kinf=1.267 Enrch=2.11 Dschg=1976 | BRUNSWICK   |
| Nassy=2 burnup=2.43  | kinf=1.105 Enrch=1.11 Dschg=1976 | BRUNSWICK   |
| Nassy=2 burnup=3.05  | kinf=1.320 Enrch=2.41 Dschg=1976 | HUMBOLDT BA |
| Nassy=2 burnup=3.30  | kinf=1.315 Enrch=2.40 Dschg=1976 | HUMBOLDT BA |
| Nassy=2 burnup=2.43  | kinf=1.329 Enrch=2.41 Dschg=1976 | HUMBOLDT BA |
| Nassy=2 burnup=2.43  | kinf=1.329 Enrch=2.41 Dschg=1976 | HUMBOLDT BA |
| Nassy=2 burnup=2.69  | kinf=1.325 Enrch=2.41 Dschg=1976 | HUMBOLDT BA |
| Nassy=2 burnup=3.89  | kinf=1.308 Enrch=2.41 Dschg=1976 | HUMBOLDT BA |
| Nassy=2 burnup=4.34  | kinf=1.301 Enrch=2.41 Dschg=1976 | HUMBOLDT BA |
| Nassy=1 burnup=1.31  | kinf=1.346 Enrch=2.41 Dschg=1976 | HUMBOLDT-BA |

|                      |                                  |             |
|----------------------|----------------------------------|-------------|
| Nassy=1 burnup=12.04 | kinf=1.407 Enrch=3.92 Dschg=1977 | LACROSSE    |
| Nassy=1 burnup=12.30 | kinf=1.403 Enrch=3.93 Dschg=1977 | LACROSSE    |
| Nassy=1 burnup=7.61  | kinf=1.476 Enrch=3.92 Dschg=1977 | LACROSSE    |
| Nassy=1 burnup=12.42 | kinf=1.401 Enrch=3.92 Dschg=1977 | LACROSSE    |
| Nassy=5 burnup=3.65  | kinf=1.282 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=2 burnup=3.35  | kinf=1.287 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=4 burnup=3.35  | kinf=1.287 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=2 burnup=3.08  | kinf=1.291 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=4 burnup=4.00  | kinf=1.277 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=21 burnup=4.97 | kinf=1.263 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=5 burnup=4.97  | kinf=1.263 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=1 burnup=4.53  | kinf=1.269 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=22 burnup=4.53 | kinf=1.269 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=4 burnup=3.58  | kinf=1.019 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=10 burnup=1.89 | kinf=1.041 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=6 burnup=1.89  | kinf=1.041 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=8 burnup=2.53  | kinf=1.032 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=20 burnup=2.53 | kinf=1.032 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=10 burnup=2.83 | kinf=1.028 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=6 burnup=2.83  | kinf=1.028 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=8 burnup=4.31  | kinf=1.009 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=4 burnup=3.00  | kinf=1.026 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=5 burnup=3.15  | kinf=1.024 Enrch=0.72 Dschg=1985 | SUSQUEHANNA |
| Nassy=3 burnup=3.15  | kinf=1.024 Enrch=0.72 Dschg=1985 | SUSQUEHANNA |
| Nassy=8 burnup=4.11  | kinf=1.012 Enrch=0.72 Dschg=1985 | SUSQUEHANNA |
| Nassy=33 burnup=4.71 | kinf=1.004 Enrch=0.72 Dschg=1985 | SUSQUEHANNA |
| Nassy=12 burnup=4.71 | kinf=1.004 Enrch=0.72 Dschg=1985 | SUSQUEHANNA |
| Nassy=3 burnup=4.71  | kinf=1.004 Enrch=0.72 Dschg=1985 | SUSQUEHANNA |
| Nassy=8 burnup=2.96  | kinf=1.027 Enrch=0.72 Dschg=1985 | SUSQUEHANNA |
| Nassy=8 burnup=2.22  | kinf=1.038 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=14 burnup=2.86 | kinf=1.030 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=3 burnup=3.07  | kinf=1.027 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=5 burnup=3.07  | kinf=1.027 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=31 burnup=2.65 | kinf=1.033 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=11 burnup=2.65 | kinf=1.033 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=16 burnup=1.77 | kinf=1.044 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=4 burnup=3.28  | kinf=1.024 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=22 burnup=4.17 | kinf=1.013 Enrch=0.73 Dschg=1986 | SUSQUEHANNA |
| Nassy=4 burnup=4.17  | kinf=1.013 Enrch=0.73 Dschg=1986 | SUSQUEHANNA |
| Nassy=8 burnup=3.09  | kinf=1.026 Enrch=0.73 Dschg=1986 | SUSQUEHANNA |
| Nassy=8 burnup=2.76  | kinf=1.030 Enrch=0.72 Dschg=1986 | SUSQUEHANNA |
| Nassy=12 burnup=3.50 | kinf=1.020 Enrch=0.72 Dschg=1986 | SUSQUEHANNA |
| Nassy=7 burnup=3.98  | kinf=1.015 Enrch=0.73 Dschg=1986 | SUSQUEHANNA |
| Nassy=15 burnup=3.98 | kinf=1.015 Enrch=0.73 Dschg=1986 | SUSQUEHANNA |
| Nassy=15 burnup=5.00 | kinf=1.487 Enrch=3.70 Dschg=1987 | LACROSSE    |
| Nassy=8 burnup=5.00  | kinf=1.487 Enrch=3.70 Dschg=1987 | LACROSSE    |
| Nassy=1 burnup=5.00  | kinf=1.488 Enrch=3.71 Dschg=1987 | LACROSSE    |
| Nassy=37 burnup=3.00 | kinf=1.026 Enrch=0.72 Dschg=1989 | CLINTON     |
| Nassy=7 burnup=3.00  | kinf=1.026 Enrch=0.72 Dschg=1989 | CLINTON     |
| Nassy=32 burnup=3.00 | kinf=1.026 Enrch=0.72 Dschg=1989 | CLINTON     |
| Nassy=6 burnup=3.00  | kinf=1.026 Enrch=0.72 Dschg=1989 | ENRICO FERM |
| Nassy=2 burnup=3.00  | kinf=1.026 Enrch=0.72 Dschg=1989 | ENRICO FERM |
| Nassy=9 burnup=3.00  | kinf=1.026 Enrch=0.72 Dschg=1989 | ENRICO FERM |
| Nassy=35 burnup=3.00 | kinf=1.026 Enrch=0.72 Dschg=1989 | ENRICO FERM |
| Nassy=9 burnup=3.00  | kinf=1.026 Enrch=0.72 Dschg=1989 | ENRICO FERM |
| Nassy=31 burnup=3.00 | kinf=1.026 Enrch=0.72 Dschg=1989 | ENRICO FERM |
| Nassy=28 burnup=4.00 | kinf=1.013 Enrch=0.72 Dschg=1990 | NINE MILE P |
| Nassy=2 burnup=4.00  | kinf=1.013 Enrch=0.72 Dschg=1990 | NINE MILE P |
| Nassy=42 burnup=4.00 | kinf=1.013 Enrch=0.72 Dschg=1990 | NINE MILE P |
| Nassy=2 burnup=4.00  | kinf=1.013 Enrch=0.72 Dschg=1990 | NINE MILE P |
| Nassy=18 burnup=4.00 | kinf=1.013 Enrch=0.72 Dschg=1990 | NINE MILE P |
| Nassy=4 burnup=3.00  | kinf=1.026 Enrch=0.72 Dschg=1991 | SUSQUEHANNA |
| Nassy=41 burnup=3.00 | kinf=1.026 Enrch=0.72 Dschg=1991 | LIMERICK    |
| Nassy=38 burnup=3.00 | kinf=1.026 Enrch=0.72 Dschg=1991 | LIMERICK    |
| Nassy=6 burnup=3.00  | kinf=1.026 Enrch=0.72 Dschg=1991 | LIMERICK    |
| Nassy=7 burnup=3.00  | kinf=1.026 Enrch=0.72 Dschg=1991 | LIMERICK    |
| Nassy=1 burnup=1.97  | kinf=1.483 Enrch=3.34 Dschg=1994 | RVR BEND    |
| Nassy=8 burnup=7.19  | kinf=1.402 Enrch=3.35 Dschg=2009 | NINE MILE P |
| Nassy=25 burnup=7.19 | kinf=1.402 Enrch=3.35 Dschg=2009 | NINE MILE P |
| Nassy=19 burnup=7.19 | kinf=1.402 Enrch=3.35 Dschg=2009 | NINE MILE P |

Nassy=25 burnup=7.19 kinf=1.402 Enrch=3.35 Dschg=2009 NINE MILE P  
Nassy=19 burnup=7.19 kinf=1.402 Enrch=3.35 Dschg=2009 NINE MILE P  
Nassy=25 burnup=7.19 kinf=1.402 Enrch=3.35 Dschg=2009 NINE MILE P  
Nassy=19 burnup=7.19 kinf=1.402 Enrch=3.35 Dschg=2009 NINE MILE P  
Nassy=25 burnup=7.19 kinf=1.402 Enrch=3.35 Dschg=2009 NINE MILE P  
Nassy=11 burnup=7.19 kinf=1.402 Enrch=3.35 Dschg=2009 NINE MILE P  
Nassy=4 burnup=7.59 kinf=1.400 Enrch=3.38 Dschg=2009 OYSTER CRK  
Nassy=12 burnup=7.59 kinf=1.400 Enrch=3.38 Dschg=2009 OYSTER CRK  
Nassy=32 burnup=7.59 kinf=1.400 Enrch=3.38 Dschg=2009 OYSTER CRK  
Nassy=12 burnup=7.59 kinf=1.400 Enrch=3.38 Dschg=2009 OYSTER CRK  
Nassy=20 burnup=7.59 kinf=1.400 Enrch=3.38 Dschg=2009 OYSTER CRK  
age=9 , mass= 2.166000  
age=9 , mass= 0.722000  
age=9 , mass= 5.776000  
Nassy=32 burnup=8.57 kinf=1.410 Enrch=3.56 Dschg=2012 PILGRIM  
Nassy=132 burnup=8.57 kinf=1.410 Enrch=3.56 Dschg=2012 PILGRIM  
Nassy=25 burnup=8.57 kinf=1.410 Enrch=3.56 Dschg=2012 PILGRIM  
Nassy=3 burnup=8.57 kinf=1.410 Enrch=3.56 Dschg=2012 PILGRIM

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INPUT FILE LISTING:  
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| #bins | Input_file | Output_file | Case_title           | Last_delivery |
|-------|------------|-------------|----------------------|---------------|
| 0     | case2.wsm  | case2.out   | W2:yff10_2dpc_isf_63 | 2045          |
| Type  | Cap        | Kmin        | Kmax                 | Kmin          |

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OUTPUT FILE LISTING:  
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W2:yff10\_2dpc\_isf\_63  
Standard Table

BWR Heat Percentiles

| Watts/Assy | Assy | Cum Assy | Percent |
|------------|------|----------|---------|
| 10         | 635  | 635      | 0.51    |
| 20         | 1212 | 1847     | 1.47    |
| 30         | 1194 | 3041     | 2.42    |
| 40         | 2094 | 5135     | 4.09    |
| 50         | 2113 | 7248     | 5.77    |
| 60         | 2617 | 9865     | 7.86    |
| 70         | 3163 | 13028    | 10.38   |
| 80         | 4596 | 17624    | 14.04   |
| 90         | 7502 | 25126    | 20.01   |
| 100        | 7938 | 33064    | 26.34   |
| 110        | 5619 | 38683    | 30.81   |
| 120        | 4290 | 42973    | 34.23   |
| 130        | 3123 | 46096    | 36.72   |
| 140        | 4341 | 50437    | 40.18   |
| 150        | 4242 | 54679    | 43.55   |
| 160        | 6611 | 61290    | 48.82   |
| 170        | 6188 | 67478    | 53.75   |
| 180        | 4625 | 72103    | 57.43   |
| 190        | 2734 | 74837    | 59.61   |
| 200        | 2872 | 77709    | 61.90   |
| 210        | 2694 | 80403    | 64.05   |
| 220        | 2063 | 82466    | 65.69   |
| 230        | 1209 | 83675    | 66.65   |
| 240        | 1706 | 85381    | 68.01   |
| 250        | 1626 | 87007    | 69.31   |
| 260        | 1588 | 88595    | 70.57   |
| 270        | 5184 | 93779    | 74.70   |
| 280        | 3127 | 96906    | 77.19   |
| 290        | 2848 | 99754    | 79.46   |
| 300        | 3395 | 103149   | 82.16   |
| 310        | 3867 | 107016   | 85.24   |
| 320        | 3910 | 110926   | 88.36   |
| 330        | 3837 | 114763   | 91.41   |
| 340        | 3774 | 118537   | 94.42   |
| 350        | 4960 | 123497   | 98.37   |
| 360        | 1951 | 125448   | 99.93   |
| 370        | 93   | 125541   | 100.00  |
| 380        | 0    | 125541   | 100.00  |
| 390        | 0    | 125541   | 100.00  |
| 400        | 0    | 125541   | 100.00  |
| 410        | 0    | 125541   | 100.00  |
| 420        | 0    | 125541   | 100.00  |
| 430        | 0    | 125541   | 100.00  |
| 440        | 0    | 125541   | 100.00  |
| 450        | 0    | 125541   | 100.00  |
| 460        | 0    | 125541   | 100.00  |
| 470        | 0    | 125541   | 100.00  |
| 480        | 0    | 125541   | 100.00  |
| 490        | 0    | 125541   | 100.00  |
| 500        | 0    | 125541   | 100.00  |
| 510        | 0    | 125541   | 100.00  |
| 520        | 0    | 125541   | 100.00  |
| 530        | 0    | 125541   | 100.00  |
| 540        | 0    | 125541   | 100.00  |
| 550        | 0    | 125541   | 100.00  |

|       |   |        |        |
|-------|---|--------|--------|
| 560   | 0 | 125541 | 100.00 |
| 570   | 0 | 125541 | 100.00 |
| 580   | 0 | 125541 | 100.00 |
| 590   | 0 | 125541 | 100.00 |
| 600   | 0 | 125541 | 100.00 |
| 610   | 0 | 125541 | 100.00 |
| 620   | 0 | 125541 | 100.00 |
| 630   | 0 | 125541 | 100.00 |
| 640   | 0 | 125541 | 100.00 |
| 650   | 0 | 125541 | 100.00 |
| 660   | 0 | 125541 | 100.00 |
| 670   | 0 | 125541 | 100.00 |
| 680   | 0 | 125541 | 100.00 |
| 690   | 0 | 125541 | 100.00 |
| 700   | 0 | 125541 | 100.00 |
| 710   | 0 | 125541 | 100.00 |
| 720   | 0 | 125541 | 100.00 |
| 730   | 0 | 125541 | 100.00 |
| 740   | 0 | 125541 | 100.00 |
| 750   | 0 | 125541 | 100.00 |
| 760   | 0 | 125541 | 100.00 |
| 770   | 0 | 125541 | 100.00 |
| 780   | 0 | 125541 | 100.00 |
| 790   | 0 | 125541 | 100.00 |
| 800   | 0 | 125541 | 100.00 |
| 810   | 0 | 125541 | 100.00 |
| 820   | 0 | 125541 | 100.00 |
| 830   | 0 | 125541 | 100.00 |
| 840   | 0 | 125541 | 100.00 |
| 850   | 0 | 125541 | 100.00 |
| 860   | 0 | 125541 | 100.00 |
| 870   | 0 | 125541 | 100.00 |
| 880   | 0 | 125541 | 100.00 |
| 890   | 0 | 125541 | 100.00 |
| 900   | 0 | 125541 | 100.00 |
| 910   | 0 | 125541 | 100.00 |
| 920   | 0 | 125541 | 100.00 |
| 930   | 0 | 125541 | 100.00 |
| 940   | 0 | 125541 | 100.00 |
| 950   | 0 | 125541 | 100.00 |
| 960   | 0 | 125541 | 100.00 |
| 970   | 0 | 125541 | 100.00 |
| 980   | 0 | 125541 | 100.00 |
| 990   | 0 | 125541 | 100.00 |
| Above | 0 | 125541 | 100.00 |

BWR Kinf Percentiles

| Kinf  | Assy | CumAssy | Percent |
|-------|------|---------|---------|
| 0.760 | 0    | 0       | 0.00    |
| 0.770 | 0    | 0       | 0.00    |
| 0.780 | 0    | 0       | 0.00    |
| 0.790 | 0    | 0       | 0.00    |
| 0.800 | 0    | 0       | 0.00    |
| 0.810 | 12   | 12      | 0.01    |
| 0.820 | 0    | 12      | 0.01    |
| 0.830 | 16   | 28      | 0.02    |
| 0.840 | 0    | 28      | 0.02    |
| 0.850 | 5    | 33      | 0.03    |
| 0.860 | 110  | 143     | 0.11    |
| 0.870 | 0    | 143     | 0.11    |
| 0.880 | 0    | 143     | 0.11    |
| 0.890 | 0    | 143     | 0.11    |
| 0.900 | 175  | 318     | 0.25    |
| 0.910 | 72   | 390     | 0.31    |
| 0.920 | 561  | 951     | 0.76    |
| 0.930 | 352  | 1303    | 1.04    |
| 0.940 | 1145 | 2448    | 1.95    |
| 0.950 | 1157 | 3605    | 2.87    |
| 0.960 | 1838 | 5443    | 4.34    |

|       |       |        |        |
|-------|-------|--------|--------|
| 0.970 | 3474  | 8917   | 7.10   |
| 0.980 | 10398 | 19315  | 15.39  |
| 0.990 | 5676  | 24991  | 19.91  |
| 1.000 | 7106  | 32097  | 25.57  |
| 1.010 | 9016  | 41113  | 32.75  |
| 1.020 | 12852 | 53965  | 42.99  |
| 1.030 | 11275 | 65240  | 51.97  |
| 1.040 | 16472 | 81712  | 65.09  |
| 1.050 | 8643  | 90355  | 71.97  |
| 1.060 | 8105  | 98460  | 78.43  |
| 1.070 | 4904  | 103364 | 82.33  |
| 1.080 | 2665  | 106029 | 84.46  |
| 1.090 | 3422  | 109451 | 87.18  |
| 1.100 | 1860  | 111311 | 88.67  |
| 1.110 | 1188  | 112499 | 89.61  |
| 1.120 | 1982  | 114481 | 91.19  |
| 1.130 | 450   | 114931 | 91.55  |
| 1.140 | 1248  | 116179 | 92.54  |
| 1.150 | 456   | 116635 | 92.91  |
| 1.160 | 712   | 117347 | 93.47  |
| 1.170 | 506   | 117853 | 93.88  |
| 1.180 | 548   | 118401 | 94.31  |
| 1.190 | 331   | 118732 | 94.58  |
| 1.200 | 197   | 118929 | 94.73  |
| 1.210 | 453   | 119382 | 95.09  |
| 1.220 | 235   | 119617 | 95.28  |
| 1.230 | 115   | 119732 | 95.37  |
| 1.240 | 175   | 119907 | 95.51  |
| 1.250 | 816   | 120723 | 96.16  |
| 1.260 | 670   | 121393 | 96.70  |
| 1.270 | 550   | 121943 | 97.13  |
| 1.280 | 141   | 122084 | 97.25  |
| 1.290 | 644   | 122728 | 97.76  |
| 1.300 | 374   | 123102 | 98.06  |
| 1.310 | 165   | 123267 | 98.19  |
| 1.320 | 100   | 123367 | 98.27  |
| 1.330 | 142   | 123509 | 98.38  |
| 1.340 | 176   | 123685 | 98.52  |
| 1.350 | 247   | 123932 | 98.72  |
| 1.360 | 35    | 123967 | 98.75  |
| 1.370 | 65    | 124032 | 98.80  |
| 1.380 | 588   | 124620 | 99.27  |
| 1.390 | 133   | 124753 | 99.37  |
| 1.400 | 125   | 124878 | 99.47  |
| 1.410 | 451   | 125329 | 99.83  |
| 1.420 | 16    | 125345 | 99.84  |
| 1.430 | 3     | 125348 | 99.85  |
| 1.440 | 0     | 125348 | 99.85  |
| 1.450 | 154   | 125502 | 99.97  |
| 1.460 | 5     | 125507 | 99.97  |
| 1.470 | 1     | 125508 | 99.97  |
| 1.480 | 3     | 125511 | 99.98  |
| 1.490 | 25    | 125536 | 100.00 |
| 1.500 | 0     | 125536 | 100.00 |
| 1.510 | 0     | 125536 | 100.00 |
| 1.520 | 0     | 125536 | 100.00 |
| 1.530 | 1     | 125537 | 100.00 |
| 1.540 | 4     | 125541 | 100.00 |
| 1.550 | 0     | 125541 | 100.00 |
| 1.560 | 0     | 125541 | 100.00 |
| 1.570 | 0     | 125541 | 100.00 |
| 1.580 | 0     | 125541 | 100.00 |
| 1.590 | 0     | 125541 | 100.00 |
| Above | 0     | 125541 | 100.00 |

PWR Heat Percentiles

| Watts/Assy | Assy | Cum Assy | Percent |
|------------|------|----------|---------|
| 10         | 28   | 28       | 0.03    |
| 20         | 15   | 43       | 0.05    |

|     |      |       |       |
|-----|------|-------|-------|
| 30  | 22   | 65    | 0.07  |
| 40  | 90   | 155   | 0.16  |
| 50  | 73   | 228   | 0.24  |
| 60  | 109  | 337   | 0.36  |
| 70  | 166  | 503   | 0.53  |
| 80  | 163  | 666   | 0.70  |
| 90  | 281  | 947   | 1.00  |
| 100 | 264  | 1211  | 1.28  |
| 110 | 189  | 1400  | 1.48  |
| 120 | 401  | 1801  | 1.90  |
| 130 | 565  | 2366  | 2.50  |
| 140 | 426  | 2792  | 2.95  |
| 150 | 386  | 3178  | 3.36  |
| 160 | 757  | 3935  | 4.16  |
| 170 | 615  | 4550  | 4.81  |
| 180 | 750  | 5300  | 5.60  |
| 190 | 871  | 6171  | 6.52  |
| 200 | 814  | 6985  | 7.38  |
| 210 | 888  | 7873  | 8.32  |
| 220 | 920  | 8793  | 9.29  |
| 230 | 1043 | 9836  | 10.39 |
| 240 | 1088 | 10924 | 11.54 |
| 250 | 1521 | 12445 | 13.15 |
| 260 | 1262 | 13707 | 14.48 |
| 270 | 1977 | 15684 | 16.57 |
| 280 | 1775 | 17459 | 18.45 |
| 290 | 1540 | 18999 | 20.08 |
| 300 | 1412 | 20411 | 21.57 |
| 310 | 1529 | 21940 | 23.18 |
| 320 | 1880 | 23820 | 25.17 |
| 330 | 2030 | 25850 | 27.32 |
| 340 | 1707 | 27557 | 29.12 |
| 350 | 1688 | 29245 | 30.90 |
| 360 | 2320 | 31565 | 33.36 |
| 370 | 2497 | 34062 | 35.99 |
| 380 | 1767 | 35829 | 37.86 |
| 390 | 1763 | 37592 | 39.72 |
| 400 | 2092 | 39684 | 41.94 |
| 410 | 2121 | 41805 | 44.18 |
| 420 | 1683 | 43488 | 45.96 |
| 430 | 1381 | 44869 | 47.41 |
| 440 | 2470 | 47339 | 50.02 |
| 450 | 1499 | 48838 | 51.61 |
| 460 | 1758 | 50596 | 53.47 |
| 470 | 1331 | 51927 | 54.87 |
| 480 | 1054 | 52981 | 55.99 |
| 490 | 787  | 53768 | 56.82 |
| 500 | 818  | 54586 | 57.68 |
| 510 | 755  | 55341 | 58.48 |
| 520 | 800  | 56141 | 59.33 |
| 530 | 564  | 56705 | 59.92 |
| 540 | 735  | 57440 | 60.70 |
| 550 | 864  | 58304 | 61.61 |
| 560 | 801  | 59105 | 62.46 |
| 570 | 710  | 59815 | 63.21 |
| 580 | 659  | 60474 | 63.91 |
| 590 | 1942 | 62416 | 65.96 |
| 600 | 1777 | 64193 | 67.84 |
| 610 | 1410 | 65603 | 69.33 |
| 620 | 984  | 66587 | 70.36 |
| 630 | 589  | 67176 | 70.99 |
| 640 | 1138 | 68314 | 72.19 |
| 650 | 1618 | 69932 | 73.90 |
| 660 | 839  | 70771 | 74.79 |
| 670 | 956  | 71727 | 75.80 |
| 680 | 1232 | 72959 | 77.10 |
| 690 | 2222 | 75181 | 79.45 |
| 700 | 3210 | 78391 | 82.84 |
| 710 | 3479 | 81870 | 86.51 |
| 720 | 677  | 82547 | 87.23 |

|      |     |       |        |
|------|-----|-------|--------|
| 730  | 558 | 83105 | 87.82  |
| 740  | 610 | 83715 | 88.46  |
| 750  | 737 | 84452 | 89.24  |
| 760  | 548 | 85000 | 89.82  |
| 770  | 655 | 85655 | 90.51  |
| 780  | 619 | 86274 | 91.17  |
| 790  | 482 | 86756 | 91.68  |
| 800  | 498 | 87254 | 92.20  |
| 810  | 412 | 87666 | 92.64  |
| 820  | 508 | 88174 | 93.18  |
| 830  | 323 | 88497 | 93.52  |
| 840  | 453 | 88950 | 94.00  |
| 850  | 264 | 89214 | 94.28  |
| 860  | 420 | 89634 | 94.72  |
| 870  | 213 | 89847 | 94.94  |
| 880  | 228 | 90075 | 95.19  |
| 890  | 361 | 90436 | 95.57  |
| 900  | 199 | 90635 | 95.78  |
| 910  | 345 | 90980 | 96.14  |
| 920  | 258 | 91238 | 96.41  |
| 930  | 244 | 91482 | 96.67  |
| 940  | 433 | 91915 | 97.13  |
| 950  | 220 | 92135 | 97.36  |
| 960  | 248 | 92383 | 97.62  |
| 970  | 280 | 92663 | 97.92  |
| 980  | 391 | 93054 | 98.33  |
| 990  | 531 | 93585 | 98.89  |
| 1000 | 450 | 94035 | 99.37  |
| 1010 | 0   | 94035 | 99.37  |
| 1020 | 373 | 94408 | 99.76  |
| 1030 | 125 | 94533 | 99.90  |
| 1040 | 7   | 94540 | 99.90  |
| 1050 | 0   | 94540 | 99.90  |
| 1060 | 0   | 94540 | 99.90  |
| 1070 | 0   | 94540 | 99.90  |
| 1080 | 28  | 94568 | 99.93  |
| 1090 | 0   | 94568 | 99.93  |
| 1100 | 0   | 94568 | 99.93  |
| 1110 | 7   | 94575 | 99.94  |
| 1120 | 0   | 94575 | 99.94  |
| 1130 | 0   | 94575 | 99.94  |
| 1140 | 0   | 94575 | 99.94  |
| 1150 | 0   | 94575 | 99.94  |
| 1160 | 2   | 94577 | 99.94  |
| 1170 | 0   | 94577 | 99.94  |
| 1180 | 0   | 94577 | 99.94  |
| 1190 | 0   | 94577 | 99.94  |
| 1200 | 0   | 94577 | 99.94  |
| 1210 | 1   | 94578 | 99.94  |
| 1220 | 0   | 94578 | 99.94  |
| 1230 | 0   | 94578 | 99.94  |
| 1240 | 0   | 94578 | 99.94  |
| 1250 | 0   | 94578 | 99.94  |
| 1260 | 0   | 94578 | 99.94  |
| 1270 | 0   | 94578 | 99.94  |
| 1280 | 0   | 94578 | 99.94  |
| 1290 | 0   | 94578 | 99.94  |
| 1300 | 25  | 94603 | 99.97  |
| 1310 | 0   | 94603 | 99.97  |
| 1320 | 0   | 94603 | 99.97  |
| 1330 | 28  | 94631 | 100.00 |
| 1340 | 0   | 94631 | 100.00 |
| 1350 | 0   | 94631 | 100.00 |
| 1360 | 0   | 94631 | 100.00 |
| 1370 | 0   | 94631 | 100.00 |
| 1380 | 0   | 94631 | 100.00 |
| 1390 | 0   | 94631 | 100.00 |
| 1400 | 0   | 94631 | 100.00 |
| 1410 | 0   | 94631 | 100.00 |
| 1420 | 0   | 94631 | 100.00 |

|       |   |       |        |
|-------|---|-------|--------|
| 1430  | 0 | 94631 | 100.00 |
| 1440  | 0 | 94631 | 100.00 |
| 1450  | 0 | 94631 | 100.00 |
| 1460  | 0 | 94631 | 100.00 |
| 1470  | 0 | 94631 | 100.00 |
| 1480  | 0 | 94631 | 100.00 |
| 1490  | 0 | 94631 | 100.00 |
| 1500  | 0 | 94631 | 100.00 |
| 1510  | 0 | 94631 | 100.00 |
| 1520  | 0 | 94631 | 100.00 |
| 1530  | 0 | 94631 | 100.00 |
| 1540  | 0 | 94631 | 100.00 |
| 1550  | 0 | 94631 | 100.00 |
| 1560  | 0 | 94631 | 100.00 |
| 1570  | 0 | 94631 | 100.00 |
| 1580  | 0 | 94631 | 100.00 |
| 1590  | 0 | 94631 | 100.00 |
| 1600  | 0 | 94631 | 100.00 |
| 1610  | 0 | 94631 | 100.00 |
| 1620  | 0 | 94631 | 100.00 |
| 1630  | 0 | 94631 | 100.00 |
| 1640  | 0 | 94631 | 100.00 |
| 1650  | 0 | 94631 | 100.00 |
| 1660  | 0 | 94631 | 100.00 |
| 1670  | 0 | 94631 | 100.00 |
| 1680  | 0 | 94631 | 100.00 |
| 1690  | 0 | 94631 | 100.00 |
| 1700  | 0 | 94631 | 100.00 |
| 1710  | 0 | 94631 | 100.00 |
| 1720  | 0 | 94631 | 100.00 |
| 1730  | 0 | 94631 | 100.00 |
| 1740  | 0 | 94631 | 100.00 |
| 1750  | 0 | 94631 | 100.00 |
| 1760  | 0 | 94631 | 100.00 |
| 1770  | 0 | 94631 | 100.00 |
| 1780  | 0 | 94631 | 100.00 |
| 1790  | 0 | 94631 | 100.00 |
| 1800  | 0 | 94631 | 100.00 |
| 1810  | 0 | 94631 | 100.00 |
| 1820  | 0 | 94631 | 100.00 |
| 1830  | 0 | 94631 | 100.00 |
| 1840  | 0 | 94631 | 100.00 |
| 1850  | 0 | 94631 | 100.00 |
| 1860  | 0 | 94631 | 100.00 |
| 1870  | 0 | 94631 | 100.00 |
| 1880  | 0 | 94631 | 100.00 |
| 1890  | 0 | 94631 | 100.00 |
| 1900  | 0 | 94631 | 100.00 |
| 1910  | 0 | 94631 | 100.00 |
| 1920  | 0 | 94631 | 100.00 |
| 1930  | 0 | 94631 | 100.00 |
| 1940  | 0 | 94631 | 100.00 |
| 1950  | 0 | 94631 | 100.00 |
| 1960  | 0 | 94631 | 100.00 |
| 1970  | 0 | 94631 | 100.00 |
| 1980  | 0 | 94631 | 100.00 |
| 1990  | 0 | 94631 | 100.00 |
| Above | 0 | 94631 | 100.00 |

PWR Kinf Percentiles

| Kinf  | Assy | CumAssy | Percent |
|-------|------|---------|---------|
| 0.760 | 5    | 5       | 0.01    |
| 0.770 | 0    | 5       | 0.01    |
| 0.780 | 0    | 5       | 0.01    |
| 0.790 | 0    | 5       | 0.01    |
| 0.800 | 0    | 5       | 0.01    |
| 0.810 | 0    | 5       | 0.01    |
| 0.820 | 4    | 9       | 0.01    |
| 0.830 | 11   | 20      | 0.02    |

|       |       |       |        |
|-------|-------|-------|--------|
| 0.840 | 21    | 41    | 0.04   |
| 0.850 | 84    | 125   | 0.13   |
| 0.860 | 2     | 127   | 0.13   |
| 0.870 | 19    | 146   | 0.15   |
| 0.880 | 40    | 186   | 0.20   |
| 0.890 | 16    | 202   | 0.21   |
| 0.900 | 27    | 229   | 0.24   |
| 0.910 | 107   | 336   | 0.36   |
| 0.920 | 292   | 628   | 0.66   |
| 0.930 | 290   | 918   | 0.97   |
| 0.940 | 815   | 1733  | 1.83   |
| 0.950 | 1544  | 3277  | 3.46   |
| 0.960 | 1928  | 5205  | 5.50   |
| 0.970 | 4249  | 9454  | 9.99   |
| 0.980 | 6057  | 15511 | 16.39  |
| 0.990 | 9662  | 25173 | 26.60  |
| 1.000 | 10152 | 35325 | 37.33  |
| 1.010 | 10397 | 45722 | 48.32  |
| 1.020 | 11105 | 56827 | 60.05  |
| 1.030 | 8563  | 65390 | 69.10  |
| 1.040 | 6972  | 72362 | 76.47  |
| 1.050 | 7336  | 79698 | 84.22  |
| 1.060 | 3175  | 82873 | 87.57  |
| 1.070 | 2146  | 85019 | 89.84  |
| 1.080 | 2085  | 87104 | 92.05  |
| 1.090 | 1109  | 88213 | 93.22  |
| 1.100 | 1153  | 89366 | 94.44  |
| 1.110 | 902   | 90268 | 95.39  |
| 1.120 | 678   | 90946 | 96.11  |
| 1.130 | 565   | 91511 | 96.70  |
| 1.140 | 385   | 91896 | 97.11  |
| 1.150 | 222   | 92118 | 97.34  |
| 1.160 | 387   | 92505 | 97.75  |
| 1.170 | 297   | 92802 | 98.07  |
| 1.180 | 140   | 92942 | 98.22  |
| 1.190 | 314   | 93256 | 98.55  |
| 1.200 | 161   | 93417 | 98.72  |
| 1.210 | 112   | 93529 | 98.84  |
| 1.220 | 41    | 93570 | 98.88  |
| 1.230 | 127   | 93697 | 99.01  |
| 1.240 | 167   | 93864 | 99.19  |
| 1.250 | 119   | 93983 | 99.32  |
| 1.260 | 72    | 94055 | 99.39  |
| 1.270 | 124   | 94179 | 99.52  |
| 1.280 | 68    | 94247 | 99.59  |
| 1.290 | 48    | 94295 | 99.64  |
| 1.300 | 102   | 94397 | 99.75  |
| 1.310 | 24    | 94421 | 99.78  |
| 1.320 | 84    | 94505 | 99.87  |
| 1.330 | 16    | 94521 | 99.88  |
| 1.340 | 44    | 94565 | 99.93  |
| 1.350 | 14    | 94579 | 99.95  |
| 1.360 | 4     | 94583 | 99.95  |
| 1.370 | 11    | 94594 | 99.96  |
| 1.380 | 0     | 94594 | 99.96  |
| 1.390 | 0     | 94594 | 99.96  |
| 1.400 | 0     | 94594 | 99.96  |
| 1.410 | 1     | 94595 | 99.96  |
| 1.420 | 0     | 94595 | 99.96  |
| 1.430 | 12    | 94607 | 99.97  |
| 1.440 | 0     | 94607 | 99.97  |
| 1.450 | 16    | 94623 | 99.99  |
| 1.460 | 8     | 94631 | 100.00 |
| 1.470 | 0     | 94631 | 100.00 |
| 1.480 | 0     | 94631 | 100.00 |
| 1.490 | 0     | 94631 | 100.00 |
| 1.500 | 0     | 94631 | 100.00 |
| 1.510 | 0     | 94631 | 100.00 |
| 1.520 | 0     | 94631 | 100.00 |
| 1.530 | 0     | 94631 | 100.00 |

|       |   |       |        |
|-------|---|-------|--------|
| 1.540 | 0 | 94631 | 100.00 |
| 1.550 | 0 | 94631 | 100.00 |
| 1.560 | 0 | 94631 | 100.00 |
| 1.570 | 0 | 94631 | 100.00 |
| 1.580 | 0 | 94631 | 100.00 |
| 1.590 | 0 | 94631 | 100.00 |
| Above | 0 | 94631 | 100.00 |

| Year | MTU     | B Assy | P Assy |
|------|---------|--------|--------|
| 2010 | 297.27  | 220    | 588    |
| 2011 | 595.81  | 968    | 981    |
| 2012 | 1204.54 | 2860   | 1593   |
| 2013 | 2007.63 | 3520   | 3156   |
| 2014 | 2997.04 | 5829   | 4575   |
| 2015 | 2985.90 | 5281   | 4716   |
| 2016 | 3008.15 | 6074   | 4431   |
| 2017 | 2989.11 | 5456   | 4593   |
| 2018 | 3007.35 | 6268   | 4335   |
| 2019 | 2995.55 | 5210   | 4770   |
| 2020 | 3010.15 | 5640   | 4605   |
| 2021 | 2996.94 | 6036   | 4404   |
| 2022 | 3002.08 | 5588   | 4591   |
| 2023 | 3001.98 | 4840   | 4923   |
| 2024 | 2990.67 | 6336   | 4290   |
| 2025 | 3022.65 | 6899   | 4054   |
| 2026 | 2985.65 | 8645   | 3822   |
| 2027 | 2990.07 | 6883   | 4305   |
| 2028 | 3003.34 | 6401   | 4347   |
| 2029 | 2998.93 | 6422   | 4263   |
| 2030 | 2994.76 | 5938   | 4620   |
| 2031 | 3006.40 | 5565   | 4704   |
| 2032 | 3000.78 | 5255   | 4851   |
| 2033 | 1945.04 | 3407   | 3114   |
| 2034 | 0.00    | 0      | 0      |
| 2035 | 0.00    | 0      | 0      |
| 2036 | 0.00    | 0      | 0      |
| 2037 | 0.00    | 0      | 0      |
| 2038 | 0.00    | 0      | 0      |
| 2039 | 0.00    | 0      | 0      |
| 2040 | 0.00    | 0      | 0      |
| 2041 | 0.00    | 0      | 0      |
| 2042 | 0.00    | 0      | 0      |
| 2043 | 0.00    | 0      | 0      |
| 2044 | 0.00    | 0      | 0      |
| 2045 | 0.00    | 0      | 0      |

Average age = 25.271

JUNK FILE LISTING:

|                      |            |            |            |             |
|----------------------|------------|------------|------------|-------------|
| Nassy=1 burnup=1.87  | kinf=1.529 | Enrch=3.63 | Dschg=1968 | WEST VALLEY |
| Nassy=2 burnup=1.45  | kinf=1.536 | Enrch=3.63 | Dschg=1968 | WEST VALLEY |
| Nassy=2 burnup=1.53  | kinf=1.535 | Enrch=3.63 | Dschg=1968 | WEST VALLEY |
| Nassy=1 burnup=6.38  | kinf=1.455 | Enrch=3.63 | Dschg=1969 | WEST VALLEY |
| Nassy=2 burnup=0.32  | kinf=1.314 | Enrch=2.13 | Dschg=1970 | GE MORRIS ( |
| Nassy=1 burnup=0.32  | kinf=1.315 | Enrch=2.13 | Dschg=1970 | GE MORRIS ( |
| Nassy=3 burnup=0.35  | kinf=1.314 | Enrch=2.13 | Dschg=1970 | GE MORRIS ( |
| Nassy=4 burnup=0.34  | kinf=1.314 | Enrch=2.13 | Dschg=1970 | GE MORRIS ( |
| Nassy=4 burnup=0.34  | kinf=1.314 | Enrch=2.13 | Dschg=1970 | GE MORRIS ( |
| Nassy=1 burnup=0.35  | kinf=1.314 | Enrch=2.13 | Dschg=1970 | GE MORRIS ( |
| Nassy=1 burnup=0.18  | kinf=1.317 | Enrch=2.13 | Dschg=1970 | GE MORRIS ( |
| Nassy=1 burnup=0.36  | kinf=1.314 | Enrch=2.13 | Dschg=1970 | GE MORRIS ( |
| Nassy=1 burnup=0.23  | kinf=1.317 | Enrch=2.13 | Dschg=1970 | GE MORRIS ( |
| Nassy=1 burnup=0.32  | kinf=1.314 | Enrch=2.13 | Dschg=1970 | GE MORRIS ( |
| Nassy=10 burnup=0.34 | kinf=1.315 | Enrch=2.13 | Dschg=1970 | GE MORRIS ( |
| Nassy=1 burnup=1.48  | kinf=1.297 | Enrch=2.13 | Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=0.86  | kinf=1.307 | Enrch=2.13 | Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.22  | kinf=1.301 | Enrch=2.13 | Dschg=1971 | GE MORRIS ( |

|                      |                                  |             |
|----------------------|----------------------------------|-------------|
| Nassy=7 burnup=1.63  | kinf=1.295 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.77  | kinf=1.260 Enrch=1.93 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.31  | kinf=1.299 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=6 burnup=1.86  | kinf=1.291 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.85  | kinf=1.257 Enrch=1.93 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.85  | kinf=1.257 Enrch=1.93 Dschg=1971 | GE MORRIS ( |
| Nassy=4 burnup=1.79  | kinf=1.292 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=1.74  | kinf=1.293 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=8 burnup=1.74  | kinf=1.293 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=9 burnup=1.74  | kinf=1.293 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.34  | kinf=1.299 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.46  | kinf=1.270 Enrch=1.97 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.57  | kinf=1.267 Enrch=1.96 Dschg=1971 | GE MORRIS ( |
| Nassy=5 burnup=1.50  | kinf=1.297 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.50  | kinf=1.297 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=5 burnup=1.76  | kinf=1.261 Enrch=1.94 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.23  | kinf=1.279 Enrch=2.00 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.31  | kinf=1.299 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=1.46  | kinf=1.298 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=6 burnup=1.48  | kinf=1.297 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=4 burnup=1.00  | kinf=1.305 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=1.09  | kinf=1.303 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=4 burnup=1.27  | kinf=1.300 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=0.86  | kinf=1.307 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=0.86  | kinf=1.307 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.28  | kinf=1.300 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=1.32  | kinf=1.275 Enrch=1.99 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.11  | kinf=1.302 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=5 burnup=1.42  | kinf=1.298 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=5 burnup=1.23  | kinf=1.301 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.23  | kinf=1.301 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=4 burnup=1.34  | kinf=1.300 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=7 burnup=1.34  | kinf=1.300 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=1.88  | kinf=1.291 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.88  | kinf=1.291 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=1.88  | kinf=1.291 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=4 burnup=1.15  | kinf=1.302 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=8 burnup=1.44  | kinf=1.298 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=20 burnup=1.85 | kinf=1.291 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=0.86  | kinf=1.291 Enrch=2.04 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.62  | kinf=1.265 Enrch=1.96 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.64  | kinf=1.264 Enrch=1.95 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.83  | kinf=1.292 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.83  | kinf=1.292 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=5 burnup=1.83  | kinf=1.292 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=16 burnup=1.83 | kinf=1.292 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=1.83  | kinf=1.292 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=1.13  | kinf=1.303 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=24 burnup=1.63 | kinf=1.295 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=1.78  | kinf=1.260 Enrch=1.94 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=9.28  | kinf=1.410 Enrch=3.63 Dschg=1971 | WEST VALLEY |
| Nassy=1 burnup=4.99  | kinf=1.478 Enrch=3.63 Dschg=1971 | WEST VALLEY |
| Nassy=1 burnup=8.24  | kinf=1.426 Enrch=3.63 Dschg=1971 | WEST VALLEY |
| Nassy=1 burnup=9.23  | kinf=1.411 Enrch=3.63 Dschg=1971 | WEST VALLEY |
| Nassy=1 burnup=1.53  | kinf=1.318 Enrch=2.26 Dschg=1971 | DRESDEN     |
| Nassy=1 burnup=4.49  | kinf=1.250 Enrch=2.11 Dschg=1971 | OYSTER CRK  |
| Nassy=1 burnup=3.27  | kinf=1.212 Enrch=1.78 Dschg=1972 | GE MORRIS ( |
| Nassy=22 burnup=4.52 | kinf=1.253 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=21 burnup=4.52 | kinf=1.253 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=11 burnup=4.52 | kinf=1.253 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=6 burnup=4.52  | kinf=1.253 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=3 burnup=3.43  | kinf=1.269 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=20 burnup=3.43 | kinf=1.269 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=4 burnup=3.43  | kinf=1.269 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=9 burnup=3.43  | kinf=1.269 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=12 burnup=2.81 | kinf=1.227 Enrch=1.83 Dschg=1972 | GE MORRIS ( |
| Nassy=7 burnup=3.13  | kinf=1.217 Enrch=1.80 Dschg=1972 | GE MORRIS ( |
| Nassy=3 burnup=3.13  | kinf=1.217 Enrch=1.80 Dschg=1972 | GE MORRIS ( |
| Nassy=13 burnup=3.87 | kinf=1.195 Enrch=1.73 Dschg=1972 | GE MORRIS ( |
| Nassy=13 burnup=3.87 | kinf=1.195 Enrch=1.73 Dschg=1972 | GE MORRIS ( |

|                      |                                  |             |
|----------------------|----------------------------------|-------------|
| Nassy=4 burnup=3.87  | kinf=1.195 Enrch=1.73 Dschg=1972 | GE MORRIS ( |
| Nassy=27 burnup=4.14 | kinf=1.258 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=1 burnup=4.14  | kinf=1.258 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=23 burnup=4.14 | kinf=1.258 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=6 burnup=4.14  | kinf=1.258 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=10 burnup=4.14 | kinf=1.258 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=4 burnup=4.62  | kinf=1.173 Enrch=1.67 Dschg=1972 | GE MORRIS ( |
| Nassy=10 burnup=4.62 | kinf=1.173 Enrch=1.67 Dschg=1972 | GE MORRIS ( |
| Nassy=8 burnup=3.39  | kinf=1.209 Enrch=1.77 Dschg=1972 | GE MORRIS ( |
| Nassy=5 burnup=3.39  | kinf=1.209 Enrch=1.77 Dschg=1972 | GE MORRIS ( |
| Nassy=5 burnup=3.34  | kinf=1.269 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=5 burnup=4.77  | kinf=1.249 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=5 burnup=3.84  | kinf=1.195 Enrch=1.73 Dschg=1972 | GE MORRIS ( |
| Nassy=1 burnup=3.28  | kinf=1.271 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=1 burnup=2.73  | kinf=1.279 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=4 burnup=4.69  | kinf=1.250 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=3 burnup=4.69  | kinf=1.250 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=5 burnup=4.69  | kinf=1.250 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=7 burnup=4.69  | kinf=1.250 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=4 burnup=4.69  | kinf=1.250 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=16 burnup=4.31 | kinf=1.182 Enrch=1.69 Dschg=1972 | GE MORRIS ( |
| Nassy=7 burnup=4.31  | kinf=1.182 Enrch=1.69 Dschg=1972 | GE MORRIS ( |
| Nassy=10 burnup=3.12 | kinf=1.273 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=12 burnup=3.60 | kinf=1.203 Enrch=1.76 Dschg=1972 | GE MORRIS ( |
| Nassy=1 burnup=3.60  | kinf=1.203 Enrch=1.76 Dschg=1972 | GE MORRIS ( |
| Nassy=4 burnup=2.84  | kinf=1.277 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=14 burnup=4.38 | kinf=1.254 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=13 burnup=4.38 | kinf=1.254 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=28 burnup=4.38 | kinf=1.254 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=1 burnup=3.91  | kinf=1.261 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=2 burnup=3.91  | kinf=1.261 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=13 burnup=3.79 | kinf=1.263 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=8 burnup=3.79  | kinf=1.263 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=3 burnup=3.77  | kinf=1.264 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=6 burnup=3.77  | kinf=1.264 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=27 burnup=3.77 | kinf=1.264 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=2 burnup=3.77  | kinf=1.264 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=21 burnup=3.77 | kinf=1.264 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=11 burnup=4.39 | kinf=1.179 Enrch=1.68 Dschg=1972 | GE MORRIS ( |
| Nassy=1 burnup=4.39  | kinf=1.179 Enrch=1.68 Dschg=1972 | GE MORRIS ( |
| Nassy=9 burnup=4.39  | kinf=1.179 Enrch=1.68 Dschg=1972 | GE MORRIS ( |
| Nassy=3 burnup=4.39  | kinf=1.179 Enrch=1.68 Dschg=1972 | GE MORRIS ( |
| Nassy=14 burnup=4.64 | kinf=1.172 Enrch=1.66 Dschg=1972 | GE MORRIS ( |
| Nassy=1 burnup=8.59  | kinf=1.421 Enrch=3.63 Dschg=1972 | WEST VALLEY |
| Nassy=1 burnup=9.12  | kinf=1.413 Enrch=3.63 Dschg=1972 | WEST VALLEY |
| Nassy=1 burnup=8.73  | kinf=1.419 Enrch=3.63 Dschg=1972 | WEST VALLEY |
| Nassy=2 burnup=4.86  | kinf=1.239 Enrch=2.08 Dschg=1972 | HILLSTONE   |
| Nassy=4 burnup=6.45  | kinf=1.454 Enrch=3.63 Dschg=1973 | WEST VALLEY |
| Nassy=1 burnup=8.75  | kinf=1.418 Enrch=3.63 Dschg=1973 | WEST VALLEY |
| Nassy=1 burnup=7.35  | kinf=1.440 Enrch=3.63 Dschg=1973 | WEST VALLEY |
| Nassy=1 burnup=3.88  | kinf=1.262 Enrch=2.13 Dschg=1973 | DRESDEN     |
| Nassy=2 burnup=4.96  | kinf=1.246 Enrch=2.13 Dschg=1973 | DRESDEN     |
| Nassy=4 burnup=9.23  | kinf=1.411 Enrch=3.63 Dschg=1973 | LACROSSE    |
| Nassy=1 burnup=8.77  | kinf=1.418 Enrch=3.63 Dschg=1973 | LACROSSE    |
| Nassy=1 burnup=9.10  | kinf=1.413 Enrch=3.63 Dschg=1973 | LACROSSE    |
| Nassy=3 burnup=9.10  | kinf=1.413 Enrch=3.63 Dschg=1973 | LACROSSE    |
| Nassy=1 burnup=3.97  | kinf=1.271 Enrch=2.19 Dschg=1973 | PILGRIM     |
| Nassy=1 burnup=2.63  | kinf=1.290 Enrch=2.19 Dschg=1973 | PILGRIM     |
| Nassy=1 burnup=8.95  | kinf=1.415 Enrch=3.63 Dschg=1974 | WEST VALLEY |
| Nassy=1 burnup=8.15  | kinf=1.428 Enrch=3.63 Dschg=1974 | WEST VALLEY |
| Nassy=1 burnup=7.57  | kinf=1.476 Enrch=3.92 Dschg=1975 | LACROSSE    |
| Nassy=1 burnup=3.71  | kinf=1.263 Enrch=2.12 Dschg=1975 | DUANE ARNOL |
| Nassy=1 burnup=3.78  | kinf=1.280 Enrch=2.23 Dschg=1975 | DRESDEN     |
| Nassy=1 burnup=4.80  | kinf=1.467 Enrch=3.54 Dschg=1976 | BIG ROCK    |
| Nassy=1 burnup=2.90  | kinf=1.273 Enrch=2.11 Dschg=1976 | BRUNSWICK   |
| Nassy=1 burnup=3.30  | kinf=1.267 Enrch=2.11 Dschg=1976 | BRUNSWICK   |
| Nassy=2 burnup=2.43  | kinf=1.105 Enrch=1.11 Dschg=1976 | BRUNSWICK   |
| Nassy=2 burnup=3.05  | kinf=1.320 Enrch=2.41 Dschg=1976 | HUMBOLDT BA |
| Nassy=2 burnup=3.30  | kinf=1.315 Enrch=2.40 Dschg=1976 | HUMBOLDT BA |
| Nassy=2 burnup=2.43  | kinf=1.329 Enrch=2.41 Dschg=1976 | HUMBOLDT BA |

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|----------------------|----------------------------------|-------------|
| Nassy=2 burnup=2.43  | kinf=1.329 Enrch=2.41 Dschg=1976 | HUMBOLDT BA |
| Nassy=2 burnup=2.69  | kinf=1.325 Enrch=2.41 Dschg=1976 | HUMBOLDT BA |
| Nassy=2 burnup=3.89  | kinf=1.308 Enrch=2.41 Dschg=1976 | HUMBOLDT BA |
| Nassy=2 burnup=4.34  | kinf=1.301 Enrch=2.41 Dschg=1976 | HUMBOLDT BA |
| Nassy=1 burnup=1.31  | kinf=1.346 Enrch=2.41 Dschg=1976 | HUMBOLDT BA |
| Nassy=1 burnup=12.04 | kinf=1.407 Enrch=3.92 Dschg=1977 | LACROSSE    |
| Nassy=1 burnup=12.30 | kinf=1.403 Enrch=3.93 Dschg=1977 | LACROSSE    |
| Nassy=1 burnup=7.61  | kinf=1.476 Enrch=3.92 Dschg=1977 | LACROSSE    |
| Nassy=1 burnup=12.42 | kinf=1.401 Enrch=3.92 Dschg=1977 | LACROSSE    |
| Nassy=5 burnup=3.65  | kinf=1.282 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=5 burnup=3.35  | kinf=1.287 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=1 burnup=3.35  | kinf=1.287 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=2 burnup=3.08  | kinf=1.291 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=4 burnup=4.00  | kinf=1.277 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=2 burnup=4.97  | kinf=1.263 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=22 burnup=4.97 | kinf=1.263 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=2 burnup=4.97  | kinf=1.263 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=2 burnup=4.53  | kinf=1.269 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=2 burnup=4.53  | kinf=1.269 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=15 burnup=4.53 | kinf=1.269 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=4 burnup=4.53  | kinf=1.269 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=8 burnup=3.15  | kinf=1.024 Enrch=0.72 Dschg=1985 | SUSQUEHANNA |
| Nassy=8 burnup=4.11  | kinf=1.012 Enrch=0.72 Dschg=1985 | SUSQUEHANNA |
| Nassy=19 burnup=4.71 | kinf=1.004 Enrch=0.72 Dschg=1985 | SUSQUEHANNA |
| Nassy=7 burnup=4.71  | kinf=1.004 Enrch=0.72 Dschg=1985 | SUSQUEHANNA |
| Nassy=10 burnup=4.71 | kinf=1.004 Enrch=0.72 Dschg=1985 | SUSQUEHANNA |
| Nassy=12 burnup=4.71 | kinf=1.004 Enrch=0.72 Dschg=1985 | SUSQUEHANNA |
| Nassy=2 burnup=2.96  | kinf=1.027 Enrch=0.72 Dschg=1985 | SUSQUEHANNA |
| Nassy=6 burnup=2.96  | kinf=1.027 Enrch=0.72 Dschg=1985 | SUSQUEHANNA |
| Nassy=3 burnup=2.22  | kinf=1.038 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=5 burnup=2.22  | kinf=1.038 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=14 burnup=2.86 | kinf=1.030 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=8 burnup=3.07  | kinf=1.027 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=8 burnup=2.65  | kinf=1.033 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=14 burnup=2.65 | kinf=1.033 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=12 burnup=2.65 | kinf=1.033 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=8 burnup=2.65  | kinf=1.033 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=6 burnup=1.77  | kinf=1.044 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=10 burnup=1.77 | kinf=1.044 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=4 burnup=3.28  | kinf=1.024 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=13 burnup=4.17 | kinf=1.013 Enrch=0.73 Dschg=1986 | SUSQUEHANNA |
| Nassy=11 burnup=4.17 | kinf=1.013 Enrch=0.73 Dschg=1986 | SUSQUEHANNA |
| Nassy=2 burnup=4.17  | kinf=1.013 Enrch=0.73 Dschg=1986 | SUSQUEHANNA |
| Nassy=6 burnup=3.09  | kinf=1.026 Enrch=0.73 Dschg=1986 | SUSQUEHANNA |
| Nassy=2 burnup=3.09  | kinf=1.026 Enrch=0.73 Dschg=1986 | SUSQUEHANNA |
| Nassy=8 burnup=2.76  | kinf=1.030 Enrch=0.72 Dschg=1986 | SUSQUEHANNA |
| Nassy=12 burnup=3.50 | kinf=1.020 Enrch=0.72 Dschg=1986 | SUSQUEHANNA |
| Nassy=14 burnup=3.98 | kinf=1.015 Enrch=0.73 Dschg=1986 | SUSQUEHANNA |
| Nassy=6 burnup=3.98  | kinf=1.015 Enrch=0.73 Dschg=1986 | SUSQUEHANNA |
| Nassy=2 burnup=3.98  | kinf=1.015 Enrch=0.73 Dschg=1986 | SUSQUEHANNA |
| Nassy=33 burnup=3.35 | kinf=1.022 Enrch=0.72 Dschg=1986 | GRAND GULF  |
| Nassy=8 burnup=3.35  | kinf=1.022 Enrch=0.72 Dschg=1986 | GRAND GULF  |
| Nassy=36 burnup=3.35 | kinf=1.022 Enrch=0.72 Dschg=1986 | GRAND GULF  |
| Nassy=11 burnup=3.35 | kinf=1.022 Enrch=0.72 Dschg=1986 | GRAND GULF  |
| Nassy=4 burnup=3.35  | kinf=1.022 Enrch=0.72 Dschg=1986 | GRAND GULF  |
| Nassy=15 burnup=5.00 | kinf=1.487 Enrch=3.70 Dschg=1987 | LACROSSE    |
| Nassy=8 burnup=5.00  | kinf=1.487 Enrch=3.70 Dschg=1987 | LACROSSE    |
| Nassy=1 burnup=5.00  | kinf=1.488 Enrch=3.71 Dschg=1987 | LACROSSE    |
| Nassy=21 burnup=3.00 | kinf=1.026 Enrch=0.72 Dschg=1989 | CLINTON     |
| Nassy=11 burnup=3.00 | kinf=1.026 Enrch=0.72 Dschg=1989 | CLINTON     |
| Nassy=20 burnup=3.00 | kinf=1.026 Enrch=0.72 Dschg=1989 | CLINTON     |
| Nassy=4 burnup=3.00  | kinf=1.026 Enrch=0.72 Dschg=1989 | CLINTON     |
| Nassy=9 burnup=3.00  | kinf=1.026 Enrch=0.72 Dschg=1989 | CLINTON     |
| Nassy=11 burnup=3.00 | kinf=1.026 Enrch=0.72 Dschg=1989 | CLINTON     |
| Nassy=31 burnup=3.00 | kinf=1.026 Enrch=0.72 Dschg=1989 | ENRICO FERN |
| Nassy=30 burnup=3.00 | kinf=1.026 Enrch=0.72 Dschg=1989 | ENRICO FERN |
| Nassy=7 burnup=3.00  | kinf=1.026 Enrch=0.72 Dschg=1989 | ENRICO FERN |
| Nassy=6 burnup=3.00  | kinf=1.026 Enrch=0.72 Dschg=1989 | ENRICO FERN |
| Nassy=18 burnup=3.00 | kinf=1.026 Enrch=0.72 Dschg=1989 | ENRICO FERN |
| Nassy=22 burnup=4.00 | kinf=1.013 Enrch=0.72 Dschg=1990 | NINE MILE P |

|                       |                                  |             |
|-----------------------|----------------------------------|-------------|
| Nassy=12 burnup=4.00  | kinf=1.013 Enrch=0.72 Dschg=1990 | NINE MILE P |
| Nassy=15 burnup=4.00  | kinf=1.013 Enrch=0.72 Dschg=1990 | NINE MILE P |
| Nassy=3 burnup=4.00   | kinf=1.013 Enrch=0.72 Dschg=1990 | NINE MILE P |
| Nassy=30 burnup=4.00  | kinf=1.013 Enrch=0.72 Dschg=1990 | NINE MILE P |
| Nassy=10 burnup=4.00  | kinf=1.013 Enrch=0.72 Dschg=1990 | NINE MILE P |
| Nassy=4 burnup=3.00   | kinf=1.026 Enrch=0.72 Dschg=1991 | SUSQUEHANNA |
| Nassy=30 burnup=3.00  | kinf=1.026 Enrch=0.72 Dschg=1991 | LIMERICK    |
| Nassy=44 burnup=3.00  | kinf=1.026 Enrch=0.72 Dschg=1991 | LIMERICK    |
| Nassy=1 burnup=3.00   | kinf=1.026 Enrch=0.72 Dschg=1991 | LIMERICK    |
| Nassy=17 burnup=3.00  | kinf=1.026 Enrch=0.72 Dschg=1991 | LIMERICK    |
| Nassy=1 burnup=1.97   | kinf=1.483 Enrch=3.34 Dschg=1994 | RVR BEND    |
| Nassy=4 burnup=7.19   | kinf=1.402 Enrch=3.35 Dschg=2009 | NINE MILE P |
| Nassy=132 burnup=7.19 | kinf=1.402 Enrch=3.35 Dschg=2009 | NINE MILE P |
| Nassy=32 burnup=7.19  | kinf=1.402 Enrch=3.35 Dschg=2009 | NINE MILE P |
| Nassy=8 burnup=7.19   | kinf=1.402 Enrch=3.35 Dschg=2009 | NINE MILE P |
| Nassy=11 burnup=7.59  | kinf=1.400 Enrch=3.38 Dschg=2009 | OYSTER CRK  |
| Nassy=44 burnup=7.59  | kinf=1.400 Enrch=3.38 Dschg=2009 | OYSTER CRK  |
| Nassy=25 burnup=7.59  | kinf=1.400 Enrch=3.38 Dschg=2009 | OYSTER CRK  |
| Nassy=15 burnup=8.57  | kinf=1.410 Enrch=3.56 Dschg=2012 | PILGRIM     |
| Nassy=132 burnup=8.57 | kinf=1.410 Enrch=3.56 Dschg=2012 | PILGRIM     |
| Nassy=42 burnup=8.57  | kinf=1.410 Enrch=3.56 Dschg=2012 | PILGRIM     |
| Nassy=3 burnup=8.57   | kinf=1.410 Enrch=3.56 Dschg=2012 | PILGRIM     |
| Nassy=6 burnup=6.41   | kinf=1.443 Enrch=3.55 Dschg=2012 | QUAD CITIES |
| Nassy=88 burnup=6.41  | kinf=1.443 Enrch=3.55 Dschg=2012 | QUAD CITIES |
| Nassy=39 burnup=6.41  | kinf=1.443 Enrch=3.55 Dschg=2012 | QUAD CITIES |
| Nassy=5 burnup=6.41   | kinf=1.443 Enrch=3.55 Dschg=2012 | QUAD CITIES |
| Nassy=15 burnup=6.41  | kinf=1.443 Enrch=3.55 Dschg=2012 | QUAD CITIES |

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INPUT FILE LISTING:  
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| #bins | Input_file | Output_file | Case_title           | Last_delivery |
|-------|------------|-------------|----------------------|---------------|
| 0     | case3.wsm  | case3.out   | W3:yff10_2dpc_noi_63 | 2045          |
| Type  | Cap        | Mmin        | Mmax                 | Kmin          |
|       |            |             |                      | Kmax          |

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OUTPUT FILE LISTING:  
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W3:yff10\_2dpc\_noi\_63  
Standard Table

BWR Heat Percentiles

| Watts/Assy | Assy | Cum Assy | Percent |
|------------|------|----------|---------|
| 10         | 479  | 479      | 0.38    |
| 20         | 1365 | 1844     | 1.47    |
| 30         | 1371 | 3215     | 2.56    |
| 40         | 2390 | 5605     | 4.47    |
| 50         | 2460 | 8065     | 6.43    |
| 60         | 2875 | 10940    | 8.72    |
| 70         | 4216 | 15156    | 12.08   |
| 80         | 4083 | 19239    | 15.33   |
| 90         | 4213 | 23452    | 18.69   |
| 100        | 4772 | 28224    | 22.49   |
| 110        | 3527 | 31751    | 25.30   |
| 120        | 3030 | 34781    | 27.72   |
| 130        | 2082 | 36863    | 29.38   |
| 140        | 2857 | 39720    | 31.65   |
| 150        | 3177 | 42897    | 34.18   |
| 160        | 3255 | 46152    | 36.78   |
| 170        | 3032 | 49184    | 39.19   |
| 180        | 2866 | 52050    | 41.48   |
| 190        | 2613 | 54663    | 43.56   |
| 200        | 3480 | 58143    | 46.33   |
| 210        | 3278 | 61421    | 48.95   |
| 220        | 3031 | 64452    | 51.36   |
| 230        | 3222 | 67674    | 53.93   |
| 240        | 5067 | 72741    | 57.97   |
| 250        | 3713 | 76454    | 60.92   |
| 260        | 3378 | 79832    | 63.62   |
| 270        | 7326 | 87158    | 69.45   |
| 280        | 4017 | 91175    | 72.66   |
| 290        | 5138 | 96313    | 76.75   |
| 300        | 2501 | 98814    | 78.74   |
| 310        | 3605 | 102419   | 81.62   |
| 320        | 4636 | 107055   | 85.31   |
| 330        | 3925 | 110980   | 88.44   |
| 340        | 4489 | 115469   | 92.02   |
| 350        | 6720 | 122189   | 97.37   |
| 360        | 2453 | 124642   | 99.33   |
| 370        | 250  | 124892   | 99.52   |
| 380        | 200  | 125092   | 99.68   |
| 390        | 264  | 125356   | 99.89   |
| 400        | 133  | 125489   | 100.00  |
| 410        | 0    | 125489   | 100.00  |
| 420        | 0    | 125489   | 100.00  |
| 430        | 0    | 125489   | 100.00  |
| 440        | 0    | 125489   | 100.00  |
| 450        | 0    | 125489   | 100.00  |
| 460        | 0    | 125489   | 100.00  |
| 470        | 0    | 125489   | 100.00  |
| 480        | 0    | 125489   | 100.00  |
| 490        | 0    | 125489   | 100.00  |
| 500        | 0    | 125489   | 100.00  |
| 510        | 0    | 125489   | 100.00  |
| 520        | 0    | 125489   | 100.00  |
| 530        | 0    | 125489   | 100.00  |
| 540        | 0    | 125489   | 100.00  |
| 550        | 0    | 125489   | 100.00  |

|       |   |        |        |
|-------|---|--------|--------|
| 560   | 0 | 125489 | 100.00 |
| 570   | 0 | 125489 | 100.00 |
| 580   | 0 | 125489 | 100.00 |
| 590   | 0 | 125489 | 100.00 |
| 600   | 0 | 125489 | 100.00 |
| 610   | 0 | 125489 | 100.00 |
| 620   | 0 | 125489 | 100.00 |
| 630   | 0 | 125489 | 100.00 |
| 640   | 0 | 125489 | 100.00 |
| 650   | 0 | 125489 | 100.00 |
| 660   | 0 | 125489 | 100.00 |
| 670   | 0 | 125489 | 100.00 |
| 680   | 0 | 125489 | 100.00 |
| 690   | 0 | 125489 | 100.00 |
| 700   | 0 | 125489 | 100.00 |
| 710   | 0 | 125489 | 100.00 |
| 720   | 0 | 125489 | 100.00 |
| 730   | 0 | 125489 | 100.00 |
| 740   | 0 | 125489 | 100.00 |
| 750   | 0 | 125489 | 100.00 |
| 760   | 0 | 125489 | 100.00 |
| 770   | 0 | 125489 | 100.00 |
| 780   | 0 | 125489 | 100.00 |
| 790   | 0 | 125489 | 100.00 |
| 800   | 0 | 125489 | 100.00 |
| 810   | 0 | 125489 | 100.00 |
| 820   | 0 | 125489 | 100.00 |
| 830   | 0 | 125489 | 100.00 |
| 840   | 0 | 125489 | 100.00 |
| 850   | 0 | 125489 | 100.00 |
| 860   | 0 | 125489 | 100.00 |
| 870   | 0 | 125489 | 100.00 |
| 880   | 0 | 125489 | 100.00 |
| 890   | 0 | 125489 | 100.00 |
| 900   | 0 | 125489 | 100.00 |
| 910   | 0 | 125489 | 100.00 |
| 920   | 0 | 125489 | 100.00 |
| 930   | 0 | 125489 | 100.00 |
| 940   | 0 | 125489 | 100.00 |
| 950   | 0 | 125489 | 100.00 |
| 960   | 0 | 125489 | 100.00 |
| 970   | 0 | 125489 | 100.00 |
| 980   | 0 | 125489 | 100.00 |
| 990   | 0 | 125489 | 100.00 |
| Above | 0 | 125489 | 100.00 |

BWR Kinf Percentiles

| Kinf  | Assy | CumAssy | Percent |
|-------|------|---------|---------|
| 0.760 | 0    | 0       | 0.00    |
| 0.770 | 0    | 0       | 0.00    |
| 0.780 | 0    | 0       | 0.00    |
| 0.790 | 0    | 0       | 0.00    |
| 0.800 | 0    | 0       | 0.00    |
| 0.810 | 0    | 0       | 0.00    |
| 0.820 | 0    | 0       | 0.00    |
| 0.830 | 11   | 11      | 0.01    |
| 0.840 | 8    | 19      | 0.02    |
| 0.850 | 32   | 51      | 0.04    |
| 0.860 | 4    | 55      | 0.04    |
| 0.870 | 0    | 55      | 0.04    |
| 0.880 | 0    | 55      | 0.04    |
| 0.890 | 53   | 108     | 0.09    |
| 0.900 | 249  | 357     | 0.28    |
| 0.910 | 184  | 541     | 0.43    |
| 0.920 | 1061 | 1602    | 1.28    |
| 0.930 | 1377 | 2979    | 2.37    |
| 0.940 | 1648 | 4627    | 3.69    |
| 0.950 | 1251 | 5878    | 4.68    |
| 0.960 | 2607 | 8485    | 6.76    |

|       |       |        |        |
|-------|-------|--------|--------|
| 0.970 | 4694  | 13179  | 10.50  |
| 0.980 | 12455 | 25634  | 20.43  |
| 0.990 | 5620  | 31254  | 24.91  |
| 1.000 | 6677  | 37931  | 30.23  |
| 1.010 | 8632  | 46563  | 37.11  |
| 1.020 | 11783 | 58346  | 46.49  |
| 1.030 | 9609  | 67955  | 54.15  |
| 1.040 | 16059 | 84014  | 66.95  |
| 1.050 | 6607  | 90621  | 72.21  |
| 1.060 | 6169  | 96790  | 77.13  |
| 1.070 | 3833  | 100623 | 80.18  |
| 1.080 | 2334  | 102957 | 82.04  |
| 1.090 | 3178  | 106135 | 84.58  |
| 1.100 | 1657  | 107792 | 85.90  |
| 1.110 | 1227  | 109019 | 86.88  |
| 1.120 | 2052  | 111071 | 88.51  |
| 1.130 | 500   | 111571 | 88.91  |
| 1.140 | 1149  | 112720 | 89.82  |
| 1.150 | 947   | 113667 | 90.58  |
| 1.160 | 665   | 114332 | 91.11  |
| 1.170 | 1195  | 115527 | 92.06  |
| 1.180 | 573   | 116100 | 92.52  |
| 1.190 | 319   | 116419 | 92.77  |
| 1.200 | 269   | 116688 | 92.99  |
| 1.210 | 628   | 117316 | 93.49  |
| 1.220 | 238   | 117554 | 93.68  |
| 1.230 | 347   | 117901 | 93.95  |
| 1.240 | 345   | 118246 | 94.23  |
| 1.250 | 834   | 119080 | 94.89  |
| 1.260 | 645   | 119725 | 95.41  |
| 1.270 | 531   | 120256 | 95.83  |
| 1.280 | 387   | 120643 | 96.14  |
| 1.290 | 660   | 121303 | 96.66  |
| 1.300 | 377   | 121680 | 96.96  |
| 1.310 | 477   | 122157 | 97.34  |
| 1.320 | 138   | 122295 | 97.45  |
| 1.330 | 142   | 122437 | 97.57  |
| 1.340 | 370   | 122807 | 97.86  |
| 1.350 | 478   | 123285 | 98.24  |
| 1.360 | 35    | 123320 | 98.27  |
| 1.370 | 242   | 123562 | 98.46  |
| 1.380 | 793   | 124355 | 99.10  |
| 1.390 | 133   | 124488 | 99.20  |
| 1.400 | 125   | 124613 | 99.30  |
| 1.410 | 451   | 125064 | 99.66  |
| 1.420 | 16    | 125080 | 99.67  |
| 1.430 | 3     | 125083 | 99.68  |
| 1.440 | 92    | 125175 | 99.75  |
| 1.450 | 154   | 125329 | 99.87  |
| 1.460 | 127   | 125456 | 99.97  |
| 1.470 | 1     | 125457 | 99.97  |
| 1.480 | 3     | 125460 | 99.98  |
| 1.490 | 24    | 125484 | 100.00 |
| 1.500 | 0     | 125484 | 100.00 |
| 1.510 | 0     | 125484 | 100.00 |
| 1.520 | 0     | 125484 | 100.00 |
| 1.530 | 1     | 125485 | 100.00 |
| 1.540 | 4     | 125489 | 100.00 |
| 1.550 | 0     | 125489 | 100.00 |
| 1.560 | 0     | 125489 | 100.00 |
| 1.570 | 0     | 125489 | 100.00 |
| 1.580 | 0     | 125489 | 100.00 |
| 1.590 | 0     | 125489 | 100.00 |
| Above | 0     | 125489 | 100.00 |

PWR Heat Percentiles

| Watts/Assy | Assy | Cum Assy | Percent |
|------------|------|----------|---------|
| 10         | 8    | 8        | 0.01    |
| 20         | 31   | 39       | 0.04    |

|     |      |       |       |
|-----|------|-------|-------|
| 30  | 18   | 57    | 0.06  |
| 40  | 31   | 88    | 0.09  |
| 50  | 115  | 203   | 0.21  |
| 60  | 90   | 293   | 0.31  |
| 70  | 108  | 401   | 0.42  |
| 80  | 161  | 562   | 0.59  |
| 90  | 276  | 838   | 0.88  |
| 100 | 200  | 1038  | 1.10  |
| 110 | 239  | 1277  | 1.35  |
| 120 | 450  | 1727  | 1.82  |
| 130 | 414  | 2141  | 2.26  |
| 140 | 527  | 2668  | 2.81  |
| 150 | 556  | 3224  | 3.40  |
| 160 | 531  | 3755  | 3.96  |
| 170 | 468  | 4223  | 4.45  |
| 180 | 909  | 5132  | 5.41  |
| 190 | 892  | 6024  | 6.35  |
| 200 | 789  | 6813  | 7.19  |
| 210 | 665  | 7478  | 7.89  |
| 220 | 979  | 8457  | 8.92  |
| 230 | 1249 | 9706  | 10.24 |
| 240 | 1115 | 10821 | 11.42 |
| 250 | 1083 | 11904 | 12.56 |
| 260 | 966  | 12870 | 13.58 |
| 270 | 1244 | 14114 | 14.89 |
| 280 | 965  | 15079 | 15.91 |
| 290 | 1426 | 16505 | 17.41 |
| 300 | 1068 | 17573 | 18.54 |
| 310 | 969  | 18542 | 19.56 |
| 320 | 945  | 19487 | 20.56 |
| 330 | 1054 | 20541 | 21.67 |
| 340 | 1262 | 21803 | 23.00 |
| 350 | 966  | 22769 | 24.02 |
| 360 | 885  | 23654 | 24.95 |
| 370 | 1117 | 24771 | 26.13 |
| 380 | 1548 | 26319 | 27.76 |
| 390 | 981  | 27300 | 28.80 |
| 400 | 1062 | 28362 | 29.92 |
| 410 | 1216 | 29578 | 31.20 |
| 420 | 1209 | 30787 | 32.48 |
| 430 | 820  | 31607 | 33.34 |
| 440 | 1173 | 32780 | 34.58 |
| 450 | 969  | 33749 | 35.60 |
| 460 | 1184 | 34933 | 36.85 |
| 470 | 690  | 35623 | 37.58 |
| 480 | 1177 | 36800 | 38.82 |
| 490 | 875  | 37675 | 39.74 |
| 500 | 1226 | 38901 | 41.04 |
| 510 | 1011 | 39912 | 42.10 |
| 520 | 1045 | 40957 | 43.21 |
| 530 | 1198 | 42155 | 44.47 |
| 540 | 1013 | 43168 | 45.54 |
| 550 | 1161 | 44329 | 46.76 |
| 560 | 1363 | 45692 | 48.20 |
| 570 | 852  | 46544 | 49.10 |
| 580 | 1061 | 47605 | 50.22 |
| 590 | 1870 | 49475 | 52.19 |
| 600 | 2332 | 51807 | 54.65 |
| 610 | 2125 | 53932 | 56.89 |
| 620 | 1644 | 55576 | 58.63 |
| 630 | 1346 | 56922 | 60.05 |
| 640 | 1530 | 58452 | 61.66 |
| 650 | 2805 | 61257 | 64.62 |
| 660 | 1588 | 62845 | 66.30 |
| 670 | 1626 | 64471 | 68.01 |
| 680 | 1681 | 66152 | 69.79 |
| 690 | 2704 | 68856 | 72.64 |
| 700 | 5514 | 74370 | 78.45 |
| 710 | 4753 | 79123 | 83.47 |
| 720 | 987  | 80110 | 84.51 |

|      |      |       |        |
|------|------|-------|--------|
| 730  | 448  | 80558 | 84.98  |
| 740  | 936  | 81494 | 85.97  |
| 750  | 1106 | 82600 | 87.14  |
| 760  | 754  | 83354 | 87.93  |
| 770  | 701  | 84055 | 88.67  |
| 780  | 985  | 85040 | 89.71  |
| 790  | 472  | 85512 | 90.21  |
| 800  | 430  | 85942 | 90.66  |
| 810  | 529  | 86471 | 91.22  |
| 820  | 509  | 86980 | 91.76  |
| 830  | 280  | 87260 | 92.05  |
| 840  | 300  | 87560 | 92.37  |
| 850  | 402  | 87962 | 92.79  |
| 860  | 310  | 88272 | 93.12  |
| 870  | 275  | 88547 | 93.41  |
| 880  | 179  | 88726 | 93.60  |
| 890  | 394  | 89120 | 94.01  |
| 900  | 512  | 89632 | 94.55  |
| 910  | 597  | 90229 | 95.18  |
| 920  | 340  | 90569 | 95.54  |
| 930  | 222  | 90791 | 95.78  |
| 940  | 673  | 91464 | 96.49  |
| 950  | 486  | 91950 | 97.00  |
| 960  | 361  | 92311 | 97.38  |
| 970  | 354  | 92665 | 97.75  |
| 980  | 381  | 93046 | 98.16  |
| 990  | 498  | 93544 | 98.68  |
| 1000 | 782  | 94326 | 99.51  |
| 1010 | 0    | 94326 | 99.51  |
| 1020 | 428  | 94754 | 99.96  |
| 1030 | 40   | 94794 | 100.00 |
| 1040 | 0    | 94794 | 100.00 |
| 1050 | 0    | 94794 | 100.00 |
| 1060 | 0    | 94794 | 100.00 |
| 1070 | 0    | 94794 | 100.00 |
| 1080 | 0    | 94794 | 100.00 |
| 1090 | 0    | 94794 | 100.00 |
| 1100 | 0    | 94794 | 100.00 |
| 1110 | 0    | 94794 | 100.00 |
| 1120 | 0    | 94794 | 100.00 |
| 1130 | 0    | 94794 | 100.00 |
| 1140 | 0    | 94794 | 100.00 |
| 1150 | 0    | 94794 | 100.00 |
| 1160 | 0    | 94794 | 100.00 |
| 1170 | 0    | 94794 | 100.00 |
| 1180 | 0    | 94794 | 100.00 |
| 1190 | 0    | 94794 | 100.00 |
| 1200 | 0    | 94794 | 100.00 |
| 1210 | 0    | 94794 | 100.00 |
| 1220 | 0    | 94794 | 100.00 |
| 1230 | 0    | 94794 | 100.00 |
| 1240 | 0    | 94794 | 100.00 |
| 1250 | 0    | 94794 | 100.00 |
| 1260 | 0    | 94794 | 100.00 |
| 1270 | 0    | 94794 | 100.00 |
| 1280 | 0    | 94794 | 100.00 |
| 1290 | 0    | 94794 | 100.00 |
| 1300 | 0    | 94794 | 100.00 |
| 1310 | 0    | 94794 | 100.00 |
| 1320 | 0    | 94794 | 100.00 |
| 1330 | 0    | 94794 | 100.00 |
| 1340 | 0    | 94794 | 100.00 |
| 1350 | 0    | 94794 | 100.00 |
| 1360 | 0    | 94794 | 100.00 |
| 1370 | 0    | 94794 | 100.00 |
| 1380 | 0    | 94794 | 100.00 |
| 1390 | 0    | 94794 | 100.00 |
| 1400 | 0    | 94794 | 100.00 |
| 1410 | 0    | 94794 | 100.00 |
| 1420 | 0    | 94794 | 100.00 |

|       |   |       |        |
|-------|---|-------|--------|
| 1430  | 0 | 94794 | 100.00 |
| 1440  | 0 | 94794 | 100.00 |
| 1450  | 0 | 94794 | 100.00 |
| 1460  | 0 | 94794 | 100.00 |
| 1470  | 0 | 94794 | 100.00 |
| 1480  | 0 | 94794 | 100.00 |
| 1490  | 0 | 94794 | 100.00 |
| 1500  | 0 | 94794 | 100.00 |
| 1510  | 0 | 94794 | 100.00 |
| 1520  | 0 | 94794 | 100.00 |
| 1530  | 0 | 94794 | 100.00 |
| 1540  | 0 | 94794 | 100.00 |
| 1550  | 0 | 94794 | 100.00 |
| 1560  | 0 | 94794 | 100.00 |
| 1570  | 0 | 94794 | 100.00 |
| 1580  | 0 | 94794 | 100.00 |
| 1590  | 0 | 94794 | 100.00 |
| 1600  | 0 | 94794 | 100.00 |
| 1610  | 0 | 94794 | 100.00 |
| 1620  | 0 | 94794 | 100.00 |
| 1630  | 0 | 94794 | 100.00 |
| 1640  | 0 | 94794 | 100.00 |
| 1650  | 0 | 94794 | 100.00 |
| 1660  | 0 | 94794 | 100.00 |
| 1670  | 0 | 94794 | 100.00 |
| 1680  | 0 | 94794 | 100.00 |
| 1690  | 0 | 94794 | 100.00 |
| 1700  | 0 | 94794 | 100.00 |
| 1710  | 0 | 94794 | 100.00 |
| 1720  | 0 | 94794 | 100.00 |
| 1730  | 0 | 94794 | 100.00 |
| 1740  | 0 | 94794 | 100.00 |
| 1750  | 0 | 94794 | 100.00 |
| 1760  | 0 | 94794 | 100.00 |
| 1770  | 0 | 94794 | 100.00 |
| 1780  | 0 | 94794 | 100.00 |
| 1790  | 0 | 94794 | 100.00 |
| 1800  | 0 | 94794 | 100.00 |
| 1810  | 0 | 94794 | 100.00 |
| 1820  | 0 | 94794 | 100.00 |
| 1830  | 0 | 94794 | 100.00 |
| 1840  | 0 | 94794 | 100.00 |
| 1850  | 0 | 94794 | 100.00 |
| 1860  | 0 | 94794 | 100.00 |
| 1870  | 0 | 94794 | 100.00 |
| 1880  | 0 | 94794 | 100.00 |
| 1890  | 0 | 94794 | 100.00 |
| 1900  | 0 | 94794 | 100.00 |
| 1910  | 0 | 94794 | 100.00 |
| 1920  | 0 | 94794 | 100.00 |
| 1930  | 0 | 94794 | 100.00 |
| 1940  | 0 | 94794 | 100.00 |
| 1950  | 0 | 94794 | 100.00 |
| 1960  | 0 | 94794 | 100.00 |
| 1970  | 0 | 94794 | 100.00 |
| 1980  | 0 | 94794 | 100.00 |
| 1990  | 0 | 94794 | 100.00 |
| Above | 0 | 94794 | 100.00 |

PWR Kinf Percentiles

| Kinf  | Assy | CumAssy | Percent |
|-------|------|---------|---------|
| 0.760 | 4    | 4       | 0.00    |
| 0.770 | 0    | 4       | 0.00    |
| 0.780 | 0    | 4       | 0.00    |
| 0.790 | 0    | 4       | 0.00    |
| 0.800 | 0    | 4       | 0.00    |
| 0.810 | 0    | 4       | 0.00    |
| 0.820 | 0    | 4       | 0.00    |
| 0.830 | 36   | 40      | 0.04    |

|       |       |       |        |
|-------|-------|-------|--------|
| 0.840 | 84    | 124   | 0.13   |
| 0.850 | 1     | 125   | 0.13   |
| 0.860 | 1     | 126   | 0.13   |
| 0.870 | 19    | 145   | 0.15   |
| 0.880 | 5     | 150   | 0.16   |
| 0.890 | 13    | 163   | 0.17   |
| 0.900 | 42    | 205   | 0.22   |
| 0.910 | 84    | 289   | 0.30   |
| 0.920 | 188   | 477   | 0.50   |
| 0.930 | 205   | 682   | 0.72   |
| 0.940 | 499   | 1181  | 1.25   |
| 0.950 | 1315  | 2496  | 2.63   |
| 0.960 | 2182  | 4678  | 4.93   |
| 0.970 | 4347  | 9025  | 9.52   |
| 0.980 | 7064  | 16089 | 16.97  |
| 0.990 | 9240  | 25329 | 26.72  |
| 1.000 | 9654  | 34983 | 36.90  |
| 1.010 | 10467 | 45450 | 47.95  |
| 1.020 | 9859  | 55309 | 58.35  |
| 1.030 | 9554  | 64863 | 68.43  |
| 1.040 | 7456  | 72319 | 76.29  |
| 1.050 | 6927  | 79246 | 83.60  |
| 1.060 | 2553  | 81799 | 86.29  |
| 1.070 | 2624  | 84423 | 89.06  |
| 1.080 | 1484  | 85907 | 90.62  |
| 1.090 | 960   | 86867 | 91.64  |
| 1.100 | 1168  | 88035 | 92.87  |
| 1.110 | 1272  | 89307 | 94.21  |
| 1.120 | 696   | 90003 | 94.95  |
| 1.130 | 858   | 90861 | 95.85  |
| 1.140 | 424   | 91285 | 96.30  |
| 1.150 | 105   | 91390 | 96.41  |
| 1.160 | 552   | 91942 | 96.99  |
| 1.170 | 342   | 92284 | 97.35  |
| 1.180 | 201   | 92485 | 97.56  |
| 1.190 | 354   | 92839 | 97.94  |
| 1.200 | 171   | 93010 | 98.12  |
| 1.210 | 180   | 93190 | 98.31  |
| 1.220 | 114   | 93304 | 98.43  |
| 1.230 | 242   | 93546 | 98.68  |
| 1.240 | 210   | 93756 | 98.90  |
| 1.250 | 240   | 93996 | 99.16  |
| 1.260 | 145   | 94141 | 99.31  |
| 1.270 | 107   | 94248 | 99.42  |
| 1.280 | 74    | 94322 | 99.50  |
| 1.290 | 178   | 94500 | 99.69  |
| 1.300 | 107   | 94607 | 99.80  |
| 1.310 | 58    | 94665 | 99.86  |
| 1.320 | 57    | 94722 | 99.92  |
| 1.330 | 24    | 94746 | 99.95  |
| 1.340 | 2     | 94748 | 99.95  |
| 1.350 | 4     | 94752 | 99.96  |
| 1.360 | 4     | 94756 | 99.96  |
| 1.370 | 1     | 94757 | 99.96  |
| 1.380 | 0     | 94757 | 99.96  |
| 1.390 | 0     | 94757 | 99.96  |
| 1.400 | 0     | 94757 | 99.96  |
| 1.410 | 1     | 94758 | 99.96  |
| 1.420 | 12    | 94770 | 99.97  |
| 1.430 | 8     | 94778 | 99.98  |
| 1.440 | 8     | 94786 | 99.99  |
| 1.450 | 8     | 94794 | 100.00 |
| 1.460 | 0     | 94794 | 100.00 |
| 1.470 | 0     | 94794 | 100.00 |
| 1.480 | 0     | 94794 | 100.00 |
| 1.490 | 0     | 94794 | 100.00 |
| 1.500 | 0     | 94794 | 100.00 |
| 1.510 | 0     | 94794 | 100.00 |
| 1.520 | 0     | 94794 | 100.00 |
| 1.530 | 0     | 94794 | 100.00 |

|       |   |       |        |
|-------|---|-------|--------|
| 1.540 | 0 | 94794 | 100.00 |
| 1.550 | 0 | 94794 | 100.00 |
| 1.560 | 0 | 94794 | 100.00 |
| 1.570 | 0 | 94794 | 100.00 |
| 1.580 | 0 | 94794 | 100.00 |
| 1.590 | 0 | 94794 | 100.00 |
| Above | 0 | 94794 | 100.00 |

| Year | MTU     | B Assy | P Assy |
|------|---------|--------|--------|
| 2010 | 301.20  | 1188   | 294    |
| 2011 | 590.51  | 1892   | 798    |
| 2012 | 1201.05 | 3277   | 1638   |
| 2013 | 2003.61 | 4861   | 2877   |
| 2014 | 2997.31 | 7587   | 3915   |
| 2015 | 3000.71 | 6401   | 4356   |
| 2016 | 3005.03 | 5850   | 4638   |
| 2017 | 3000.26 | 5873   | 4614   |
| 2018 | 3004.51 | 6202   | 4452   |
| 2019 | 2984.07 | 5081   | 4824   |
| 2020 | 2998.37 | 5257   | 4809   |
| 2021 | 3004.53 | 5785   | 4602   |
| 2022 | 3002.80 | 6049   | 4497   |
| 2023 | 2991.08 | 5037   | 4824   |
| 2024 | 3001.82 | 5762   | 4578   |
| 2025 | 2996.41 | 5741   | 4530   |
| 2026 | 3000.64 | 6104   | 4419   |
| 2027 | 3010.84 | 4664   | 5022   |
| 2028 | 3000.20 | 5896   | 4422   |
| 2029 | 2993.79 | 5148   | 4758   |
| 2030 | 3004.17 | 6072   | 4332   |
| 2031 | 3026.93 | 5324   | 4719   |
| 2032 | 2982.44 | 5676   | 4497   |
| 2033 | 1908.94 | 4762   | 2379   |
| 2034 | 0.00    | 0      | 0      |
| 2035 | 0.00    | 0      | 0      |
| 2036 | 0.00    | 0      | 0      |
| 2037 | 0.00    | 0      | 0      |
| 2038 | 0.00    | 0      | 0      |
| 2039 | 0.00    | 0      | 0      |
| 2040 | 0.00    | 0      | 0      |
| 2041 | 0.00    | 0      | 0      |
| 2042 | 0.00    | 0      | 0      |
| 2043 | 0.00    | 0      | 0      |
| 2044 | 0.00    | 0      | 0      |
| 2045 | 0.00    | 0      | 0      |

Average age = 21.100

JUNK FILE LISTING:

|                      |                                  |             |
|----------------------|----------------------------------|-------------|
| Nassy=1 burnup=1.87  | kinf=1.529 Enrch=3.63 Dschg=1968 | WEST VALLEY |
| Nassy=2 burnup=1.45  | kinf=1.536 Enrch=3.63 Dschg=1968 | WEST VALLEY |
| Nassy=2 burnup=1.53  | kinf=1.535 Enrch=3.63 Dschg=1968 | WEST VALLEY |
| Nassy=1 burnup=6.38  | kinf=1.455 Enrch=3.63 Dschg=1969 | WEST VALLEY |
| Nassy=2 burnup=0.32  | kinf=1.314 Enrch=2.13 Dschg=1970 | GE MORRIS ( |
| Nassy=1 burnup=0.32  | kinf=1.315 Enrch=2.13 Dschg=1970 | GE MORRIS ( |
| Nassy=3 burnup=0.35  | kinf=1.314 Enrch=2.13 Dschg=1970 | GE MORRIS ( |
| Nassy=8 burnup=0.34  | kinf=1.314 Enrch=2.13 Dschg=1970 | GE MORRIS ( |
| Nassy=1 burnup=0.35  | kinf=1.314 Enrch=2.13 Dschg=1970 | GE MORRIS ( |
| Nassy=1 burnup=0.18  | kinf=1.317 Enrch=2.13 Dschg=1970 | GE MORRIS ( |
| Nassy=1 burnup=0.36  | kinf=1.314 Enrch=2.13 Dschg=1970 | GE MORRIS ( |
| Nassy=1 burnup=0.23  | kinf=1.317 Enrch=2.13 Dschg=1970 | GE MORRIS ( |
| Nassy=1 burnup=0.32  | kinf=1.314 Enrch=2.13 Dschg=1970 | GE MORRIS ( |
| Nassy=10 burnup=0.34 | kinf=1.315 Enrch=2.13 Dschg=1970 | GE MORRIS ( |
| Nassy=1 burnup=1.48  | kinf=1.297 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=0.86  | kinf=1.307 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.22  | kinf=1.301 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=7 burnup=1.63  | kinf=1.295 Enrch=2.13 Dschg=1971 | GE MORRIS ( |

|                      |                                  |             |
|----------------------|----------------------------------|-------------|
| Nassy=3 burnup=1.77  | kinf=1.260 Enrch=1.93 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.31  | kinf=1.299 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=6 burnup=1.86  | kinf=1.291 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=4 burnup=1.85  | kinf=1.257 Enrch=1.93 Dschg=1971 | GE MORRIS ( |
| Nassy=4 burnup=1.79  | kinf=1.292 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=10 burnup=1.74 | kinf=1.293 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=9 burnup=1.74  | kinf=1.293 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.34  | kinf=1.299 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.46  | kinf=1.270 Enrch=1.97 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.57  | kinf=1.267 Enrch=1.96 Dschg=1971 | GE MORRIS ( |
| Nassy=5 burnup=1.50  | kinf=1.297 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.50  | kinf=1.297 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=5 burnup=1.76  | kinf=1.261 Enrch=1.94 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.23  | kinf=1.279 Enrch=2.00 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.31  | kinf=1.299 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=1.46  | kinf=1.298 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=6 burnup=1.48  | kinf=1.297 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.00  | kinf=1.305 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.00  | kinf=1.305 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=1.09  | kinf=1.303 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=4 burnup=1.27  | kinf=1.300 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=0.86  | kinf=1.307 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.28  | kinf=1.300 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=1.32  | kinf=1.275 Enrch=1.99 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.11  | kinf=1.302 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=5 burnup=1.42  | kinf=1.298 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=6 burnup=1.23  | kinf=1.301 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=11 burnup=1.34 | kinf=1.300 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=1.88  | kinf=1.291 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.88  | kinf=1.291 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=1.88  | kinf=1.291 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=4 burnup=1.15  | kinf=1.302 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=8 burnup=1.44  | kinf=1.298 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=20 burnup=1.85 | kinf=1.291 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=0.86  | kinf=1.291 Enrch=2.04 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.62  | kinf=1.265 Enrch=1.96 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.64  | kinf=1.264 Enrch=1.95 Dschg=1971 | GE MORRIS ( |
| Nassy=7 burnup=1.83  | kinf=1.292 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=16 burnup=1.83 | kinf=1.292 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=1.83  | kinf=1.292 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=1.13  | kinf=1.303 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=24 burnup=1.63 | kinf=1.295 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=1.78  | kinf=1.260 Enrch=1.94 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=9.28  | kinf=1.410 Enrch=3.63 Dschg=1971 | WEST VALLEY |
| Nassy=1 burnup=4.99  | kinf=1.478 Enrch=3.63 Dschg=1971 | WEST VALLEY |
| Nassy=1 burnup=8.24  | kinf=1.426 Enrch=3.63 Dschg=1971 | WEST VALLEY |
| Nassy=1 burnup=9.23  | kinf=1.411 Enrch=3.63 Dschg=1971 | WEST VALLEY |
| Nassy=1 burnup=1.53  | kinf=1.318 Enrch=2.26 Dschg=1971 | DRESDEN     |
| Nassy=1 burnup=4.49  | kinf=1.250 Enrch=2.11 Dschg=1971 | OYSTER CRK  |
| Nassy=1 burnup=3.27  | kinf=1.212 Enrch=1.78 Dschg=1972 | GE MORRIS ( |
| Nassy=6 burnup=4.52  | kinf=1.253 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=16 burnup=4.52 | kinf=1.253 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=28 burnup=4.52 | kinf=1.253 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=10 burnup=4.52 | kinf=1.253 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=23 burnup=3.43 | kinf=1.269 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=11 burnup=3.43 | kinf=1.269 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=2 burnup=3.43  | kinf=1.269 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=12 burnup=2.81 | kinf=1.227 Enrch=1.83 Dschg=1972 | GE MORRIS ( |
| Nassy=10 burnup=3.13 | kinf=1.217 Enrch=1.80 Dschg=1972 | GE MORRIS ( |
| Nassy=20 burnup=3.87 | kinf=1.195 Enrch=1.73 Dschg=1972 | GE MORRIS ( |
| Nassy=6 burnup=3.87  | kinf=1.195 Enrch=1.73 Dschg=1972 | GE MORRIS ( |
| Nassy=4 burnup=3.87  | kinf=1.195 Enrch=1.73 Dschg=1972 | GE MORRIS ( |
| Nassy=34 burnup=4.14 | kinf=1.258 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=23 burnup=4.14 | kinf=1.258 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=10 burnup=4.14 | kinf=1.258 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=11 burnup=4.62 | kinf=1.173 Enrch=1.67 Dschg=1972 | GE MORRIS ( |
| Nassy=3 burnup=4.62  | kinf=1.173 Enrch=1.67 Dschg=1972 | GE MORRIS ( |
| Nassy=13 burnup=3.39 | kinf=1.209 Enrch=1.77 Dschg=1972 | GE MORRIS ( |
| Nassy=5 burnup=3.34  | kinf=1.269 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=5 burnup=4.77  | kinf=1.269 Enrch=2.13 Dschg=1972 | GE MORRIS ( |

|                      |                                  |             |
|----------------------|----------------------------------|-------------|
| Nassy=5 burnup=3.84  | kinf=1.195 Enrch=1.73 Dschg=1972 | GE MORRIS ( |
| Nassy=1 burnup=3.28  | kinf=1.271 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=1 burnup=2.73  | kinf=1.279 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=7 burnup=4.69  | kinf=1.250 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=4 burnup=4.69  | kinf=1.250 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=12 burnup=4.69 | kinf=1.250 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=23 burnup=4.31 | kinf=1.182 Enrch=1.69 Dschg=1972 | GE MORRIS ( |
| Nassy=9 burnup=3.12  | kinf=1.273 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=1 burnup=3.12  | kinf=1.273 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=12 burnup=3.60 | kinf=1.203 Enrch=1.76 Dschg=1972 | GE MORRIS ( |
| Nassy=1 burnup=3.60  | kinf=1.203 Enrch=1.76 Dschg=1972 | GE MORRIS ( |
| Nassy=4 burnup=2.84  | kinf=1.277 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=26 burnup=4.38 | kinf=1.254 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=29 burnup=4.38 | kinf=1.254 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=1 burnup=3.91  | kinf=1.261 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=2 burnup=3.91  | kinf=1.261 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=12 burnup=3.79 | kinf=1.263 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=9 burnup=3.79  | kinf=1.263 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=35 burnup=3.77 | kinf=1.264 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=3 burnup=3.77  | kinf=1.264 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=21 burnup=3.77 | kinf=1.264 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=20 burnup=4.39 | kinf=1.179 Enrch=1.68 Dschg=1972 | GE MORRIS ( |
| Nassy=4 burnup=4.39  | kinf=1.179 Enrch=1.68 Dschg=1972 | GE MORRIS ( |
| Nassy=14 burnup=4.64 | kinf=1.172 Enrch=1.66 Dschg=1972 | GE MORRIS ( |
| Nassy=1 burnup=8.59  | kinf=1.421 Enrch=3.63 Dschg=1972 | WEST VALLEY |
| Nassy=1 burnup=9.12  | kinf=1.413 Enrch=3.63 Dschg=1972 | WEST VALLEY |
| Nassy=1 burnup=8.73  | kinf=1.419 Enrch=3.63 Dschg=1972 | WEST VALLEY |
| Nassy=2 burnup=4.86  | kinf=1.239 Enrch=2.08 Dschg=1972 | MILLSTONE   |
| Nassy=4 burnup=6.45  | kinf=1.454 Enrch=3.63 Dschg=1973 | WEST VALLEY |
| Nassy=1 burnup=8.75  | kinf=1.418 Enrch=3.63 Dschg=1973 | WEST VALLEY |
| Nassy=1 burnup=7.35  | kinf=1.440 Enrch=3.63 Dschg=1973 | WEST VALLEY |
| Nassy=1 burnup=3.88  | kinf=1.262 Enrch=2.13 Dschg=1973 | DRESDEN     |
| Nassy=2 burnup=4.96  | kinf=1.266 Enrch=2.13 Dschg=1973 | DRESDEN     |
| Nassy=1 burnup=1.05  | kinf=1.365 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=3 burnup=0.97  | kinf=1.366 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=5 burnup=4.32  | kinf=1.315 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=1 burnup=0.99  | kinf=1.366 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=11 burnup=4.39 | kinf=1.315 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=10 burnup=4.39 | kinf=1.315 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=2 burnup=4.00  | kinf=1.320 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=4 burnup=4.05  | kinf=1.320 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=1 burnup=4.05  | kinf=1.320 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=4 burnup=1.16  | kinf=1.364 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=3 burnup=4.66  | kinf=1.311 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=3 burnup=4.66  | kinf=1.311 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=1 burnup=0.99  | kinf=1.366 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=1 burnup=4.69  | kinf=1.310 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=4 burnup=9.23  | kinf=1.411 Enrch=3.63 Dschg=1973 | LACROSSE    |
| Nassy=1 burnup=8.77  | kinf=1.418 Enrch=3.63 Dschg=1973 | LACROSSE    |
| Nassy=3 burnup=9.10  | kinf=1.413 Enrch=3.63 Dschg=1973 | LACROSSE    |
| Nassy=1 burnup=9.10  | kinf=1.413 Enrch=3.63 Dschg=1973 | LACROSSE    |
| Nassy=1 burnup=8.95  | kinf=1.415 Enrch=3.63 Dschg=1974 | WEST VALLEY |
| Nassy=1 burnup=8.15  | kinf=1.428 Enrch=3.63 Dschg=1974 | WEST VALLEY |
| Nassy=2 burnup=4.95  | kinf=1.306 Enrch=2.50 Dschg=1974 | VT YANKEE   |
| Nassy=4 burnup=4.95  | kinf=1.306 Enrch=2.50 Dschg=1974 | VT YANKEE   |
| Nassy=2 burnup=4.95  | kinf=1.306 Enrch=2.50 Dschg=1974 | VT YANKEE   |
| Nassy=1 burnup=7.57  | kinf=1.476 Enrch=3.92 Dschg=1975 | LACROSSE    |
| Nassy=1 burnup=3.71  | kinf=1.263 Enrch=2.12 Dschg=1975 | DUANE ARNOL |
| Nassy=1 burnup=3.78  | kinf=1.280 Enrch=2.23 Dschg=1975 | DRESDEN     |
| Nassy=1 burnup=4.80  | kinf=1.467 Enrch=3.54 Dschg=1976 | BIG ROCK    |
| Nassy=1 burnup=2.90  | kinf=1.273 Enrch=2.11 Dschg=1976 | BRUNSWICK   |
| Nassy=1 burnup=3.30  | kinf=1.267 Enrch=2.11 Dschg=1976 | BRUNSWICK   |
| Nassy=2 burnup=2.43  | kinf=1.105 Enrch=1.11 Dschg=1976 | BRUNSWICK   |
| Nassy=2 burnup=3.05  | kinf=1.320 Enrch=2.41 Dschg=1976 | HUMBOLDT BA |
| Nassy=2 burnup=3.30  | kinf=1.315 Enrch=2.40 Dschg=1976 | HUMBOLDT BA |
| Nassy=1 burnup=2.43  | kinf=1.329 Enrch=2.41 Dschg=1976 | HUMBOLDT BA |
| Nassy=1 burnup=2.43  | kinf=1.329 Enrch=2.41 Dschg=1976 | HUMBOLDT BA |
| Nassy=2 burnup=2.43  | kinf=1.329 Enrch=2.41 Dschg=1976 | HUMBOLDT BA |
| Nassy=2 burnup=2.69  | kinf=1.325 Enrch=2.41 Dschg=1976 | HUMBOLDT BA |
| Nassy=2 burnup=3.89  | kinf=1.308 Enrch=2.41 Dschg=1976 | HUMBOLDT BA |

|                       |                                  |             |
|-----------------------|----------------------------------|-------------|
| Nassy=2 burnup=4.34   | kinf=1.301 Enrch=2.41 Dschg=1976 | HUMBOLDT BA |
| Nassy=1 burnup=1.31   | kinf=1.346 Enrch=2.41 Dschg=1976 | HUMBOLDT BA |
| Nassy=1 burnup=12.04  | kinf=1.407 Enrch=3.92 Dschg=1977 | LACROSSE    |
| Nassy=1 burnup=12.30  | kinf=1.403 Enrch=3.93 Dschg=1977 | LACROSSE    |
| Nassy=1 burnup=7.61   | kinf=1.476 Enrch=3.92 Dschg=1977 | LACROSSE    |
| Nassy=1 burnup=12.42  | kinf=1.401 Enrch=3.92 Dschg=1977 | LACROSSE    |
| Nassy=5 burnup=3.65   | kinf=1.282 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=1 burnup=3.35   | kinf=1.287 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=4 burnup=3.35   | kinf=1.287 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=1 burnup=3.35   | kinf=1.287 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=2 burnup=3.08   | kinf=1.291 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=4 burnup=4.00   | kinf=1.277 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=19 burnup=4.97  | kinf=1.263 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=5 burnup=4.97   | kinf=1.263 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=2 burnup=4.97   | kinf=1.263 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=4 burnup=4.53   | kinf=1.269 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=15 burnup=4.53  | kinf=1.269 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=4 burnup=4.53   | kinf=1.269 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=2 burnup=3.58   | kinf=1.019 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=2 burnup=3.58   | kinf=1.019 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=16 burnup=1.89  | kinf=1.041 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=24 burnup=2.53  | kinf=1.032 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=1 burnup=2.53   | kinf=1.032 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=1 burnup=2.53   | kinf=1.032 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=2 burnup=2.53   | kinf=1.032 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=16 burnup=2.83  | kinf=1.028 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=8 burnup=4.31   | kinf=1.009 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=4 burnup=3.00   | kinf=1.026 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=8 burnup=3.15   | kinf=1.024 Enrch=0.72 Dschg=1985 | SUSQUEHANNA |
| Nassy=8 burnup=4.11   | kinf=1.012 Enrch=0.72 Dschg=1985 | SUSQUEHANNA |
| Nassy=26 burnup=4.71  | kinf=1.004 Enrch=0.72 Dschg=1985 | SUSQUEHANNA |
| Nassy=10 burnup=4.71  | kinf=1.004 Enrch=0.72 Dschg=1985 | SUSQUEHANNA |
| Nassy=12 burnup=4.71  | kinf=1.004 Enrch=0.72 Dschg=1985 | SUSQUEHANNA |
| Nassy=8 burnup=2.96   | kinf=1.027 Enrch=0.73 Dschg=1985 | SUSQUEHANNA |
| Nassy=8 burnup=2.22   | kinf=1.038 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=14 burnup=2.86  | kinf=1.030 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=3 burnup=3.07   | kinf=1.027 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=5 burnup=3.07   | kinf=1.027 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=22 burnup=2.65  | kinf=1.033 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=2 burnup=2.65   | kinf=1.033 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=6 burnup=2.65   | kinf=1.033 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=6 burnup=2.65   | kinf=1.033 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=16 burnup=1.77  | kinf=1.044 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=2 burnup=3.28   | kinf=1.024 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=2 burnup=3.28   | kinf=1.024 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=2 burnup=4.17   | kinf=1.013 Enrch=0.73 Dschg=1986 | SUSQUEHANNA |
| Nassy=18 burnup=5.00  | kinf=1.487 Enrch=3.70 Dschg=1987 | LACROSSE    |
| Nassy=5 burnup=5.00   | kinf=1.487 Enrch=3.70 Dschg=1987 | LACROSSE    |
| Nassy=1 burnup=5.00   | kinf=1.488 Enrch=3.71 Dschg=1987 | LACROSSE    |
| Nassy=32 burnup=3.00  | kinf=1.026 Enrch=0.72 Dschg=1989 | CLINTON     |
| Nassy=16 burnup=3.00  | kinf=1.026 Enrch=0.72 Dschg=1989 | CLINTON     |
| Nassy=2 burnup=3.00   | kinf=1.026 Enrch=0.72 Dschg=1989 | CLINTON     |
| Nassy=2 burnup=3.00   | kinf=1.026 Enrch=0.72 Dschg=1989 | CLINTON     |
| Nassy=8 burnup=3.00   | kinf=1.026 Enrch=0.72 Dschg=1989 | CLINTON     |
| Nassy=16 burnup=3.00  | kinf=1.026 Enrch=0.72 Dschg=1989 | CLINTON     |
| Nassy=24 burnup=3.00  | kinf=1.026 Enrch=0.72 Dschg=1989 | ENRICO FERN |
| Nassy=36 burnup=3.00  | kinf=1.026 Enrch=0.72 Dschg=1989 | ENRICO FERN |
| Nassy=8 burnup=3.00   | kinf=1.026 Enrch=0.72 Dschg=1989 | ENRICO FERN |
| Nassy=5 burnup=3.00   | kinf=1.026 Enrch=0.72 Dschg=1989 | ENRICO FERN |
| Nassy=6 burnup=3.00   | kinf=1.026 Enrch=0.72 Dschg=1989 | ENRICO FERN |
| Nassy=13 burnup=3.00  | kinf=1.026 Enrch=0.72 Dschg=1989 | ENRICO FERN |
| Nassy=33 burnup=4.00  | kinf=1.013 Enrch=0.72 Dschg=1990 | NINE MILE P |
| Nassy=2 burnup=4.00   | kinf=1.013 Enrch=0.72 Dschg=1990 | NINE MILE P |
| Nassy=17 burnup=4.00  | kinf=1.013 Enrch=0.72 Dschg=1990 | NINE MILE P |
| Nassy=27 burnup=4.00  | kinf=1.013 Enrch=0.72 Dschg=1990 | NINE MILE P |
| Nassy=2 burnup=4.00   | kinf=1.013 Enrch=0.72 Dschg=1990 | NINE MILE P |
| Nassy=11 burnup=4.00  | kinf=1.013 Enrch=0.72 Dschg=1990 | NINE MILE P |
| Nassy=6 burnup=7.19   | kinf=1.402 Enrch=3.35 Dschg=2009 | NINE MILE P |
| Nassy=132 burnup=7.19 | kinf=1.402 Enrch=3.35 Dschg=2009 | NINE MILE P |

Nassy=30 burnup=7.19 kinf=1.402 Enrch=3.35 Dschg=2009 NINE MILE P  
Nassy=8 burnup=7.19 kinf=1.402 Enrch=3.35 Dschg=2009 NINE MILE P  
Nassy=15 burnup=7.59 kinf=1.400 Enrch=3.38 Dschg=2009 OYSTER CRK  
Nassy=44 burnup=7.59 kinf=1.400 Enrch=3.38 Dschg=2009 OYSTER CRK  
Nassy=21 burnup=7.59 kinf=1.400 Enrch=3.38 Dschg=2009 OYSTER CRK  
Nassy=8 burnup=8.57 kinf=1.410 Enrch=3.56 Dschg=2012 PILGRIM  
Nassy=176 burnup=8.57 kinf=1.410 Enrch=3.56 Dschg=2012 PILGRIM  
Nassy=5 burnup=8.57 kinf=1.410 Enrch=3.56 Dschg=2012 PILGRIM  
Nassy=3 burnup=8.57 kinf=1.410 Enrch=3.56 Dschg=2012 PILGRIM  
Nassy=23 burnup=6.41 kinf=1.443 Enrch=3.55 Dschg=2012 QUAD CITIES  
Nassy=88 burnup=6.41 kinf=1.443 Enrch=3.55 Dschg=2012 QUAD CITIES  
Nassy=22 burnup=6.41 kinf=1.443 Enrch=3.55 Dschg=2012 QUAD CITIES  
Nassy=12 burnup=6.41 kinf=1.443 Enrch=3.55 Dschg=2012 QUAD CITIES  
Nassy=8 burnup=6.41 kinf=1.443 Enrch=3.55 Dschg=2012 QUAD CITIES  
Nassy=8 burnup=6.61 kinf=1.438 Enrch=3.54 Dschg=2014 BRUNSWICK  
Nassy=44 burnup=6.61 kinf=1.438 Enrch=3.54 Dschg=2014 BRUNSWICK  
Nassy=33 burnup=6.61 kinf=1.438 Enrch=3.54 Dschg=2014 BRUNSWICK  
Nassy=7 burnup=6.61 kinf=1.438 Enrch=3.54 Dschg=2014 BRUNSWICK  
Nassy=14 burnup=3.22 kinf=1.457 Enrch=3.30 Dschg=2022 LASALLE  
Nassy=88 burnup=3.22 kinf=1.457 Enrch=3.30 Dschg=2022 LASALLE  
Nassy=20 burnup=3.22 kinf=1.457 Enrch=3.30 Dschg=2022 LASALLE

-----  
INPUT FILE LISTING:

| #Bins | Input_file | Output_file | Case_title           | Last_delivery |
|-------|------------|-------------|----------------------|---------------|
| 0     | case4.wsm  | case4.out   | W4:yff10_aucf_noi_63 | 2045          |
| Type  | Cap        | Nmin        | Nmax                 | Kmin          |
|       |            |             |                      | Kmax          |

-----  
OUTPUT FILE LISTING:

W4:yff10\_aucf\_noi\_63  
Standard Table

BWR Heat Percentiles

| Watts/Assy | Assy | Cum Assy | Percent |
|------------|------|----------|---------|
| 10         | 479  | 479      | 0.38    |
| 20         | 1365 | 1844     | 1.47    |
| 30         | 1373 | 3217     | 2.56    |
| 40         | 2385 | 5602     | 4.46    |
| 50         | 2460 | 8062     | 6.42    |
| 60         | 2877 | 10939    | 8.72    |
| 70         | 4220 | 15159    | 12.08   |
| 80         | 4074 | 19233    | 15.32   |
| 90         | 4218 | 23451    | 18.68   |
| 100        | 4774 | 28225    | 22.49   |
| 110        | 3356 | 31581    | 25.16   |
| 120        | 3196 | 34777    | 27.71   |
| 130        | 2095 | 36872    | 29.38   |
| 140        | 2857 | 39729    | 31.65   |
| 150        | 3155 | 42884    | 34.17   |
| 160        | 3277 | 46161    | 36.78   |
| 170        | 3036 | 49197    | 39.20   |
| 180        | 2897 | 52094    | 41.51   |
| 190        | 2667 | 54761    | 43.63   |
| 200        | 3399 | 58160    | 46.34   |
| 210        | 3262 | 61422    | 48.94   |
| 220        | 2922 | 64344    | 51.27   |
| 230        | 3280 | 67624    | 53.88   |
| 240        | 5102 | 72726    | 57.94   |
| 250        | 3736 | 76462    | 60.92   |
| 260        | 3532 | 79994    | 63.74   |
| 270        | 7250 | 87244    | 69.51   |
| 280        | 3936 | 91180    | 72.65   |
| 290        | 5185 | 96365    | 76.78   |
| 300        | 2464 | 98829    | 78.74   |
| 310        | 3554 | 102383   | 81.57   |
| 320        | 4721 | 107104   | 85.34   |
| 330        | 3883 | 110987   | 88.43   |
| 340        | 4495 | 115482   | 92.01   |
| 350        | 6716 | 122198   | 97.36   |
| 360        | 2461 | 124659   | 99.32   |
| 370        | 253  | 124912   | 99.52   |
| 380        | 200  | 125112   | 99.68   |
| 390        | 264  | 125376   | 99.89   |
| 400        | 133  | 125509   | 100.00  |
| 410        | 0    | 125509   | 100.00  |
| 420        | 0    | 125509   | 100.00  |
| 430        | 0    | 125509   | 100.00  |
| 440        | 0    | 125509   | 100.00  |
| 450        | 0    | 125509   | 100.00  |
| 460        | 0    | 125509   | 100.00  |
| 470        | 0    | 125509   | 100.00  |
| 480        | 0    | 125509   | 100.00  |
| 490        | 0    | 125509   | 100.00  |
| 500        | 0    | 125509   | 100.00  |
| 510        | 0    | 125509   | 100.00  |
| 520        | 0    | 125509   | 100.00  |
| 530        | 0    | 125509   | 100.00  |
| 540        | 0    | 125509   | 100.00  |
| 550        | 0    | 125509   | 100.00  |

|       |   |        |        |
|-------|---|--------|--------|
| 560   | 0 | 125509 | 100.00 |
| 570   | 0 | 125509 | 100.00 |
| 580   | 0 | 125509 | 100.00 |
| 590   | 0 | 125509 | 100.00 |
| 600   | 0 | 125509 | 100.00 |
| 610   | 0 | 125509 | 100.00 |
| 620   | 0 | 125509 | 100.00 |
| 630   | 0 | 125509 | 100.00 |
| 640   | 0 | 125509 | 100.00 |
| 650   | 0 | 125509 | 100.00 |
| 660   | 0 | 125509 | 100.00 |
| 670   | 0 | 125509 | 100.00 |
| 680   | 0 | 125509 | 100.00 |
| 690   | 0 | 125509 | 100.00 |
| 700   | 0 | 125509 | 100.00 |
| 710   | 0 | 125509 | 100.00 |
| 720   | 0 | 125509 | 100.00 |
| 730   | 0 | 125509 | 100.00 |
| 740   | 0 | 125509 | 100.00 |
| 750   | 0 | 125509 | 100.00 |
| 760   | 0 | 125509 | 100.00 |
| 770   | 0 | 125509 | 100.00 |
| 780   | 0 | 125509 | 100.00 |
| 790   | 0 | 125509 | 100.00 |
| 800   | 0 | 125509 | 100.00 |
| 810   | 0 | 125509 | 100.00 |
| 820   | 0 | 125509 | 100.00 |
| 830   | 0 | 125509 | 100.00 |
| 840   | 0 | 125509 | 100.00 |
| 850   | 0 | 125509 | 100.00 |
| 860   | 0 | 125509 | 100.00 |
| 870   | 0 | 125509 | 100.00 |
| 880   | 0 | 125509 | 100.00 |
| 890   | 0 | 125509 | 100.00 |
| 900   | 0 | 125509 | 100.00 |
| 910   | 0 | 125509 | 100.00 |
| 920   | 0 | 125509 | 100.00 |
| 930   | 0 | 125509 | 100.00 |
| 940   | 0 | 125509 | 100.00 |
| 950   | 0 | 125509 | 100.00 |
| 960   | 0 | 125509 | 100.00 |
| 970   | 0 | 125509 | 100.00 |
| 980   | 0 | 125509 | 100.00 |
| 990   | 0 | 125509 | 100.00 |
| Above | 0 | 125509 | 100.00 |

BWR Kinf Percentiles

| Kinf  | Assy | CumAssy | Percent |
|-------|------|---------|---------|
| 0.760 | 0    | 0       | 0.00    |
| 0.770 | 0    | 0       | 0.00    |
| 0.780 | 0    | 0       | 0.00    |
| 0.790 | 0    | 0       | 0.00    |
| 0.800 | 0    | 0       | 0.00    |
| 0.810 | 0    | 0       | 0.00    |
| 0.820 | 0    | 0       | 0.00    |
| 0.830 | 11   | 11      | 0.01    |
| 0.840 | 8    | 19      | 0.02    |
| 0.850 | 32   | 51      | 0.04    |
| 0.860 | 4    | 55      | 0.04    |
| 0.870 | 0    | 55      | 0.04    |
| 0.880 | 0    | 55      | 0.04    |
| 0.890 | 53   | 108     | 0.09    |
| 0.900 | 249  | 357     | 0.28    |
| 0.910 | 184  | 541     | 0.43    |
| 0.920 | 1061 | 1602    | 1.28    |
| 0.930 | 1377 | 2979    | 2.37    |
| 0.940 | 1648 | 4627    | 3.69    |
| 0.950 | 1251 | 5878    | 4.68    |
| 0.960 | 2607 | 8485    | 6.76    |

|       |       |        |        |
|-------|-------|--------|--------|
| 0.970 | 4694  | 13179  | 10.50  |
| 0.980 | 12455 | 25634  | 20.42  |
| 0.990 | 5620  | 31254  | 24.90  |
| 1.000 | 6677  | 37931  | 30.22  |
| 1.010 | 8632  | 46563  | 37.10  |
| 1.020 | 11783 | 58346  | 46.49  |
| 1.030 | 9606  | 67952  | 54.14  |
| 1.040 | 16070 | 84022  | 66.94  |
| 1.050 | 6620  | 90642  | 72.22  |
| 1.060 | 6169  | 96811  | 77.13  |
| 1.070 | 3833  | 100644 | 80.19  |
| 1.080 | 2334  | 102978 | 82.05  |
| 1.090 | 3178  | 106156 | 84.58  |
| 1.100 | 1657  | 107813 | 85.90  |
| 1.110 | 1227  | 109040 | 86.88  |
| 1.120 | 2052  | 111092 | 88.51  |
| 1.130 | 500   | 111592 | 88.91  |
| 1.140 | 1149  | 112741 | 89.83  |
| 1.150 | 947   | 113688 | 90.58  |
| 1.160 | 665   | 114353 | 91.11  |
| 1.170 | 1195  | 115548 | 92.06  |
| 1.180 | 573   | 116121 | 92.52  |
| 1.190 | 319   | 116440 | 92.77  |
| 1.200 | 269   | 116709 | 92.99  |
| 1.210 | 627   | 117336 | 93.49  |
| 1.220 | 238   | 117574 | 93.68  |
| 1.230 | 347   | 117921 | 93.95  |
| 1.240 | 345   | 118266 | 94.23  |
| 1.250 | 834   | 119100 | 94.89  |
| 1.260 | 645   | 119745 | 95.41  |
| 1.270 | 531   | 120276 | 95.83  |
| 1.280 | 387   | 120663 | 96.14  |
| 1.290 | 660   | 121323 | 96.66  |
| 1.300 | 377   | 121700 | 96.97  |
| 1.310 | 477   | 122177 | 97.35  |
| 1.320 | 138   | 122315 | 97.46  |
| 1.330 | 142   | 122457 | 97.57  |
| 1.340 | 370   | 122827 | 97.86  |
| 1.350 | 478   | 123305 | 98.24  |
| 1.360 | 35    | 123340 | 98.27  |
| 1.370 | 242   | 123582 | 98.46  |
| 1.380 | 793   | 124375 | 99.10  |
| 1.390 | 133   | 124508 | 99.20  |
| 1.400 | 125   | 124633 | 99.30  |
| 1.410 | 451   | 125084 | 99.66  |
| 1.420 | 16    | 125100 | 99.67  |
| 1.430 | 3     | 125103 | 99.68  |
| 1.440 | 92    | 125195 | 99.75  |
| 1.450 | 154   | 125349 | 99.87  |
| 1.460 | 127   | 125476 | 99.97  |
| 1.470 | 1     | 125477 | 99.97  |
| 1.480 | 3     | 125480 | 99.98  |
| 1.490 | 24    | 125504 | 100.00 |
| 1.500 | 0     | 125504 | 100.00 |
| 1.510 | 0     | 125504 | 100.00 |
| 1.520 | 0     | 125504 | 100.00 |
| 1.530 | 1     | 125505 | 100.00 |
| 1.540 | 4     | 125509 | 100.00 |
| 1.550 | 0     | 125509 | 100.00 |
| 1.560 | 0     | 125509 | 100.00 |
| 1.570 | 0     | 125509 | 100.00 |
| 1.580 | 0     | 125509 | 100.00 |
| 1.590 | 0     | 125509 | 100.00 |
| Above | 0     | 125509 | 100.00 |

PWR Heat Percentiles

| Watts/Assy | Assy | Cum Assy | Percent |
|------------|------|----------|---------|
| 10         | 8    | 8        | 0.01    |
| 20         | 31   | 39       | 0.04    |

|     |      |       |       |
|-----|------|-------|-------|
| 30  | 18   | 57    | 0.06  |
| 40  | 31   | 88    | 0.09  |
| 50  | 75   | 163   | 0.17  |
| 60  | 130  | 293   | 0.31  |
| 70  | 108  | 401   | 0.42  |
| 80  | 189  | 590   | 0.62  |
| 90  | 259  | 849   | 0.90  |
| 100 | 191  | 1040  | 1.10  |
| 110 | 239  | 1279  | 1.35  |
| 120 | 448  | 1727  | 1.82  |
| 130 | 417  | 2144  | 2.26  |
| 140 | 524  | 2668  | 2.82  |
| 150 | 574  | 3242  | 3.42  |
| 160 | 490  | 3732  | 3.94  |
| 170 | 498  | 4230  | 4.46  |
| 180 | 899  | 5129  | 5.41  |
| 190 | 866  | 5995  | 6.33  |
| 200 | 815  | 6810  | 7.19  |
| 210 | 658  | 7468  | 7.88  |
| 220 | 992  | 8460  | 8.93  |
| 230 | 1245 | 9705  | 10.24 |
| 240 | 1117 | 10822 | 11.42 |
| 250 | 1082 | 11904 | 12.56 |
| 260 | 980  | 12884 | 13.60 |
| 270 | 1217 | 14101 | 14.88 |
| 280 | 967  | 15068 | 15.90 |
| 290 | 1416 | 16484 | 17.40 |
| 300 | 1081 | 17565 | 18.54 |
| 310 | 1005 | 18570 | 19.60 |
| 320 | 945  | 19515 | 20.59 |
| 330 | 1047 | 20562 | 21.70 |
| 340 | 1256 | 21818 | 23.02 |
| 350 | 1002 | 22820 | 24.08 |
| 360 | 818  | 23638 | 24.94 |
| 370 | 1207 | 24845 | 26.22 |
| 380 | 1495 | 26340 | 27.80 |
| 390 | 1007 | 27347 | 28.86 |
| 400 | 1079 | 28426 | 30.00 |
| 410 | 1211 | 29637 | 31.28 |
| 420 | 1193 | 30830 | 32.53 |
| 430 | 839  | 31669 | 33.42 |
| 440 | 1184 | 32853 | 34.67 |
| 450 | 947  | 33800 | 35.67 |
| 460 | 1191 | 34991 | 36.93 |
| 470 | 718  | 35709 | 37.68 |
| 480 | 1132 | 36841 | 38.88 |
| 490 | 897  | 37738 | 39.82 |
| 500 | 1224 | 38962 | 41.12 |
| 510 | 1014 | 39976 | 42.19 |
| 520 | 1088 | 41064 | 43.33 |
| 530 | 1205 | 42269 | 44.61 |
| 540 | 967  | 43236 | 45.63 |
| 550 | 1176 | 44412 | 46.87 |
| 560 | 1359 | 45771 | 48.30 |
| 570 | 848  | 46619 | 49.20 |
| 580 | 1092 | 47711 | 50.35 |
| 590 | 1821 | 49532 | 52.27 |
| 600 | 2288 | 51820 | 54.68 |
| 610 | 2198 | 54018 | 57.00 |
| 620 | 1666 | 55684 | 58.76 |
| 630 | 1330 | 57014 | 60.17 |
| 640 | 1498 | 58512 | 61.75 |
| 650 | 2723 | 61235 | 64.62 |
| 660 | 1542 | 62777 | 66.25 |
| 670 | 1632 | 64409 | 67.97 |
| 680 | 1582 | 65991 | 69.64 |
| 690 | 2729 | 68720 | 72.52 |
| 700 | 5560 | 74280 | 78.39 |
| 710 | 4826 | 79106 | 83.48 |
| 720 | 989  | 80095 | 84.52 |

|      |      |       |        |
|------|------|-------|--------|
| 730  | 459  | 80554 | 85.01  |
| 740  | 928  | 81482 | 85.99  |
| 750  | 1088 | 82570 | 87.14  |
| 760  | 751  | 83321 | 87.93  |
| 770  | 719  | 84040 | 88.69  |
| 780  | 976  | 85016 | 89.72  |
| 790  | 486  | 85502 | 90.23  |
| 800  | 429  | 85931 | 90.68  |
| 810  | 560  | 86491 | 91.27  |
| 820  | 488  | 86979 | 91.79  |
| 830  | 277  | 87256 | 92.08  |
| 840  | 304  | 87560 | 92.40  |
| 850  | 380  | 87940 | 92.80  |
| 860  | 319  | 88259 | 93.14  |
| 870  | 275  | 88534 | 93.43  |
| 880  | 186  | 88720 | 93.63  |
| 890  | 394  | 89114 | 94.04  |
| 900  | 498  | 89612 | 94.57  |
| 910  | 597  | 90209 | 95.20  |
| 920  | 331  | 90540 | 95.55  |
| 930  | 213  | 90753 | 95.77  |
| 940  | 673  | 91426 | 96.48  |
| 950  | 484  | 91910 | 96.99  |
| 960  | 361  | 92271 | 97.37  |
| 970  | 368  | 92639 | 97.76  |
| 980  | 381  | 93020 | 98.16  |
| 990  | 497  | 93517 | 98.69  |
| 1000 | 782  | 94299 | 99.51  |
| 1010 | 0    | 94299 | 99.51  |
| 1020 | 428  | 94727 | 99.96  |
| 1030 | 34   | 94761 | 100.00 |
| 1040 | 0    | 94761 | 100.00 |
| 1050 | 0    | 94761 | 100.00 |
| 1060 | 0    | 94761 | 100.00 |
| 1070 | 0    | 94761 | 100.00 |
| 1080 | 0    | 94761 | 100.00 |
| 1090 | 0    | 94761 | 100.00 |
| 1100 | 0    | 94761 | 100.00 |
| 1110 | 0    | 94761 | 100.00 |
| 1120 | 0    | 94761 | 100.00 |
| 1130 | 0    | 94761 | 100.00 |
| 1140 | 0    | 94761 | 100.00 |
| 1150 | 0    | 94761 | 100.00 |
| 1160 | 0    | 94761 | 100.00 |
| 1170 | 0    | 94761 | 100.00 |
| 1180 | 0    | 94761 | 100.00 |
| 1190 | 0    | 94761 | 100.00 |
| 1200 | 0    | 94761 | 100.00 |
| 1210 | 0    | 94761 | 100.00 |
| 1220 | 0    | 94761 | 100.00 |
| 1230 | 0    | 94761 | 100.00 |
| 1240 | 0    | 94761 | 100.00 |
| 1250 | 0    | 94761 | 100.00 |
| 1260 | 0    | 94761 | 100.00 |
| 1270 | 0    | 94761 | 100.00 |
| 1280 | 0    | 94761 | 100.00 |
| 1290 | 0    | 94761 | 100.00 |
| 1300 | 0    | 94761 | 100.00 |
| 1310 | 0    | 94761 | 100.00 |
| 1320 | 0    | 94761 | 100.00 |
| 1330 | 0    | 94761 | 100.00 |
| 1340 | 0    | 94761 | 100.00 |
| 1350 | 0    | 94761 | 100.00 |
| 1360 | 0    | 94761 | 100.00 |
| 1370 | 0    | 94761 | 100.00 |
| 1380 | 0    | 94761 | 100.00 |
| 1390 | 0    | 94761 | 100.00 |
| 1400 | 0    | 94761 | 100.00 |
| 1410 | 0    | 94761 | 100.00 |
| 1420 | 0    | 94761 | 100.00 |

|       |   |       |        |
|-------|---|-------|--------|
| 1430  | 0 | 94761 | 100.00 |
| 1440  | 0 | 94761 | 100.00 |
| 1450  | 0 | 94761 | 100.00 |
| 1460  | 0 | 94761 | 100.00 |
| 1470  | 0 | 94761 | 100.00 |
| 1480  | 0 | 94761 | 100.00 |
| 1490  | 0 | 94761 | 100.00 |
| 1500  | 0 | 94761 | 100.00 |
| 1510  | 0 | 94761 | 100.00 |
| 1520  | 0 | 94761 | 100.00 |
| 1530  | 0 | 94761 | 100.00 |
| 1540  | 0 | 94761 | 100.00 |
| 1550  | 0 | 94761 | 100.00 |
| 1560  | 0 | 94761 | 100.00 |
| 1570  | 0 | 94761 | 100.00 |
| 1580  | 0 | 94761 | 100.00 |
| 1590  | 0 | 94761 | 100.00 |
| 1600  | 0 | 94761 | 100.00 |
| 1610  | 0 | 94761 | 100.00 |
| 1620  | 0 | 94761 | 100.00 |
| 1630  | 0 | 94761 | 100.00 |
| 1640  | 0 | 94761 | 100.00 |
| 1650  | 0 | 94761 | 100.00 |
| 1660  | 0 | 94761 | 100.00 |
| 1670  | 0 | 94761 | 100.00 |
| 1680  | 0 | 94761 | 100.00 |
| 1690  | 0 | 94761 | 100.00 |
| 1700  | 0 | 94761 | 100.00 |
| 1710  | 0 | 94761 | 100.00 |
| 1720  | 0 | 94761 | 100.00 |
| 1730  | 0 | 94761 | 100.00 |
| 1740  | 0 | 94761 | 100.00 |
| 1750  | 0 | 94761 | 100.00 |
| 1760  | 0 | 94761 | 100.00 |
| 1770  | 0 | 94761 | 100.00 |
| 1780  | 0 | 94761 | 100.00 |
| 1790  | 0 | 94761 | 100.00 |
| 1800  | 0 | 94761 | 100.00 |
| 1810  | 0 | 94761 | 100.00 |
| 1820  | 0 | 94761 | 100.00 |
| 1830  | 0 | 94761 | 100.00 |
| 1840  | 0 | 94761 | 100.00 |
| 1850  | 0 | 94761 | 100.00 |
| 1860  | 0 | 94761 | 100.00 |
| 1870  | 0 | 94761 | 100.00 |
| 1880  | 0 | 94761 | 100.00 |
| 1890  | 0 | 94761 | 100.00 |
| 1900  | 0 | 94761 | 100.00 |
| 1910  | 0 | 94761 | 100.00 |
| 1920  | 0 | 94761 | 100.00 |
| 1930  | 0 | 94761 | 100.00 |
| 1940  | 0 | 94761 | 100.00 |
| 1950  | 0 | 94761 | 100.00 |
| 1960  | 0 | 94761 | 100.00 |
| 1970  | 0 | 94761 | 100.00 |
| 1980  | 0 | 94761 | 100.00 |
| 1990  | 0 | 94761 | 100.00 |
| Above | 0 | 94761 | 100.00 |

PWR Kinf Percentiles

| Kinf  | Assy | CumAssy | Percent |
|-------|------|---------|---------|
| 0.760 | 4    | 4       | 0.00    |
| 0.770 | 0    | 4       | 0.00    |
| 0.780 | 0    | 4       | 0.00    |
| 0.790 | 0    | 4       | 0.00    |
| 0.800 | 0    | 4       | 0.00    |
| 0.810 | 0    | 4       | 0.00    |
| 0.820 | 0    | 4       | 0.00    |
| 0.830 | 36   | 40      | 0.04    |

|       |       |       |        |
|-------|-------|-------|--------|
| 0.840 | 84    | 124   | 0.13   |
| 0.850 | 1     | 125   | 0.13   |
| 0.860 | 1     | 126   | 0.13   |
| 0.870 | 19    | 145   | 0.15   |
| 0.880 | 5     | 150   | 0.16   |
| 0.890 | 13    | 163   | 0.17   |
| 0.900 | 42    | 205   | 0.22   |
| 0.910 | 84    | 289   | 0.30   |
| 0.920 | 188   | 477   | 0.50   |
| 0.930 | 211   | 688   | 0.73   |
| 0.940 | 493   | 1181  | 1.25   |
| 0.950 | 1313  | 2494  | 2.63   |
| 0.960 | 2181  | 4675  | 4.93   |
| 0.970 | 4355  | 9030  | 9.53   |
| 0.980 | 7043  | 16073 | 16.96  |
| 0.990 | 9373  | 25446 | 26.85  |
| 1.000 | 9604  | 35050 | 36.99  |
| 1.010 | 10396 | 45446 | 47.96  |
| 1.020 | 9946  | 55392 | 58.45  |
| 1.030 | 9506  | 64898 | 68.49  |
| 1.040 | 7419  | 72317 | 76.32  |
| 1.050 | 6896  | 79213 | 83.59  |
| 1.060 | 2553  | 81766 | 86.29  |
| 1.070 | 2624  | 84390 | 89.06  |
| 1.080 | 1493  | 85883 | 90.63  |
| 1.090 | 951   | 86834 | 91.63  |
| 1.100 | 1168  | 88002 | 92.87  |
| 1.110 | 1291  | 89293 | 94.23  |
| 1.120 | 677   | 89970 | 94.94  |
| 1.130 | 861   | 90831 | 95.85  |
| 1.140 | 421   | 91252 | 96.30  |
| 1.150 | 105   | 91357 | 96.41  |
| 1.160 | 552   | 91909 | 96.99  |
| 1.170 | 342   | 92251 | 97.35  |
| 1.180 | 201   | 92452 | 97.56  |
| 1.190 | 354   | 92806 | 97.94  |
| 1.200 | 171   | 92977 | 98.12  |
| 1.210 | 180   | 93157 | 98.31  |
| 1.220 | 114   | 93271 | 98.43  |
| 1.230 | 242   | 93513 | 98.68  |
| 1.240 | 210   | 93723 | 98.90  |
| 1.250 | 240   | 93963 | 99.16  |
| 1.260 | 145   | 94108 | 99.31  |
| 1.270 | 107   | 94215 | 99.42  |
| 1.280 | 74    | 94289 | 99.50  |
| 1.290 | 182   | 94471 | 99.69  |
| 1.300 | 105   | 94576 | 99.80  |
| 1.310 | 56    | 94632 | 99.86  |
| 1.320 | 55    | 94687 | 99.92  |
| 1.330 | 22    | 94709 | 99.95  |
| 1.340 | 6     | 94715 | 99.95  |
| 1.350 | 4     | 94719 | 99.96  |
| 1.360 | 0     | 94719 | 99.96  |
| 1.370 | 5     | 94724 | 99.96  |
| 1.380 | 0     | 94724 | 99.96  |
| 1.390 | 0     | 94724 | 99.96  |
| 1.400 | 0     | 94724 | 99.96  |
| 1.410 | 1     | 94725 | 99.96  |
| 1.420 | 12    | 94737 | 99.97  |
| 1.430 | 0     | 94737 | 99.97  |
| 1.440 | 16    | 94753 | 99.99  |
| 1.450 | 8     | 94761 | 100.00 |
| 1.460 | 0     | 94761 | 100.00 |
| 1.470 | 0     | 94761 | 100.00 |
| 1.480 | 0     | 94761 | 100.00 |
| 1.490 | 0     | 94761 | 100.00 |
| 1.500 | 0     | 94761 | 100.00 |
| 1.510 | 0     | 94761 | 100.00 |
| 1.520 | 0     | 94761 | 100.00 |
| 1.530 | 0     | 94761 | 100.00 |

|       |   |       |        |
|-------|---|-------|--------|
| 1.540 | 0 | 94761 | 100.00 |
| 1.550 | 0 | 94761 | 100.00 |
| 1.560 | 0 | 94761 | 100.00 |
| 1.570 | 0 | 94761 | 100.00 |
| 1.580 | 0 | 94761 | 100.00 |
| 1.590 | 0 | 94761 | 100.00 |
| Above | 0 | 94761 | 100.00 |

| Year | MTU     | B Assy | P Assy |
|------|---------|--------|--------|
| 2010 | 300.20  | 1100   | 357    |
| 2011 | 599.87  | 2068   | 693    |
| 2012 | 1196.03 | 3233   | 1659   |
| 2013 | 1998.83 | 4905   | 2868   |
| 2014 | 3002.05 | 7543   | 3912   |
| 2015 | 2998.22 | 6357   | 4398   |
| 2016 | 3004.75 | 5718   | 4692   |
| 2017 | 2998.18 | 5961   | 4563   |
| 2018 | 3002.89 | 6246   | 4434   |
| 2019 | 2985.24 | 5081   | 4827   |
| 2020 | 3003.92 | 5389   | 4776   |
| 2021 | 2995.24 | 5653   | 4626   |
| 2022 | 3003.95 | 6049   | 4503   |
| 2023 | 2998.29 | 5081   | 4806   |
| 2024 | 3001.16 | 5521   | 4665   |
| 2025 | 2998.91 | 5917   | 4470   |
| 2026 | 3003.93 | 6125   | 4416   |
| 2027 | 2993.25 | 4664   | 4992   |
| 2028 | 3012.96 | 5940   | 4437   |
| 2029 | 2990.88 | 5148   | 4752   |
| 2030 | 2995.00 | 5984   | 4350   |
| 2031 | 3034.28 | 5280   | 4746   |
| 2032 | 2972.65 | 5764   | 4446   |
| 2033 | 1912.37 | 4782   | 2373   |
| 2034 | 0.00    | 0      | 0      |
| 2035 | 0.00    | 0      | 0      |
| 2036 | 0.00    | 0      | 0      |
| 2037 | 0.00    | 0      | 0      |
| 2038 | 0.00    | 0      | 0      |
| 2039 | 0.00    | 0      | 0      |
| 2040 | 0.00    | 0      | 0      |
| 2041 | 0.00    | 0      | 0      |
| 2042 | 0.00    | 0      | 0      |
| 2043 | 0.00    | 0      | 0      |
| 2044 | 0.00    | 0      | 0      |
| 2045 | 0.00    | 0      | 0      |

Average age = 21.111

JUNK FILE LISTING:

|                      |            |            |            |             |
|----------------------|------------|------------|------------|-------------|
| Nassy=1 burnup=1.87  | kinf=1.529 | Enrch=3.63 | Dschg=1968 | WEST VALLEY |
| Nassy=2 burnup=1.45  | kinf=1.536 | Enrch=3.63 | Dschg=1968 | WEST VALLEY |
| Nassy=2 burnup=1.53  | kinf=1.535 | Enrch=3.63 | Dschg=1968 | WEST VALLEY |
| Nassy=1 burnup=6.38  | kinf=1.455 | Enrch=3.63 | Dschg=1969 | WEST VALLEY |
| Nassy=2 burnup=0.32  | kinf=1.314 | Enrch=2.13 | Dschg=1970 | GE MORRIS ( |
| Nassy=1 burnup=0.32  | kinf=1.315 | Enrch=2.13 | Dschg=1970 | GE MORRIS ( |
| Nassy=3 burnup=0.35  | kinf=1.314 | Enrch=2.13 | Dschg=1970 | GE MORRIS ( |
| Nassy=8 burnup=0.34  | kinf=1.314 | Enrch=2.13 | Dschg=1970 | GE MORRIS ( |
| Nassy=1 burnup=0.35  | kinf=1.314 | Enrch=2.13 | Dschg=1970 | GE MORRIS ( |
| Nassy=1 burnup=0.18  | kinf=1.317 | Enrch=2.13 | Dschg=1970 | GE MORRIS ( |
| Nassy=1 burnup=0.36  | kinf=1.314 | Enrch=2.13 | Dschg=1970 | GE MORRIS ( |
| Nassy=1 burnup=0.23  | kinf=1.317 | Enrch=2.13 | Dschg=1970 | GE MORRIS ( |
| Nassy=1 burnup=0.32  | kinf=1.314 | Enrch=2.13 | Dschg=1970 | GE MORRIS ( |
| Nassy=10 burnup=0.34 | kinf=1.315 | Enrch=2.13 | Dschg=1970 | GE MORRIS ( |
| Nassy=1 burnup=1.48  | kinf=1.297 | Enrch=2.13 | Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=0.86  | kinf=1.307 | Enrch=2.13 | Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.22  | kinf=1.301 | Enrch=2.13 | Dschg=1971 | GE MORRIS ( |
| Nassy=7 burnup=1.63  | kinf=1.295 | Enrch=2.13 | Dschg=1971 | GE MORRIS ( |

|                      |                                  |             |
|----------------------|----------------------------------|-------------|
| Nassy=3 burnup=1.77  | kinf=1.260 Enrch=1.93 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.31  | kinf=1.299 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=6 burnup=1.86  | kinf=1.291 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.85  | kinf=1.257 Enrch=1.93 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.85  | kinf=1.257 Enrch=1.93 Dschg=1971 | GE MORRIS ( |
| Nassy=4 burnup=1.79  | kinf=1.292 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=19 burnup=1.74 | kinf=1.293 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.34  | kinf=1.299 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.46  | kinf=1.270 Enrch=1.97 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.57  | kinf=1.267 Enrch=1.96 Dschg=1971 | GE MORRIS ( |
| Nassy=5 burnup=1.50  | kinf=1.297 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.50  | kinf=1.297 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=5 burnup=1.76  | kinf=1.261 Enrch=1.94 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.23  | kinf=1.279 Enrch=2.00 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.31  | kinf=1.299 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=1.46  | kinf=1.298 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=6 burnup=1.48  | kinf=1.297 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=4 burnup=1.00  | kinf=1.305 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=1.09  | kinf=1.303 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=4 burnup=1.27  | kinf=1.300 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=0.86  | kinf=1.307 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.28  | kinf=1.300 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=1.32  | kinf=1.275 Enrch=1.99 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.11  | kinf=1.302 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=5 burnup=1.42  | kinf=1.298 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=6 burnup=1.23  | kinf=1.301 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=4 burnup=1.34  | kinf=1.300 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=7 burnup=1.34  | kinf=1.300 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=1.88  | kinf=1.291 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.88  | kinf=1.291 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=4 burnup=1.15  | kinf=1.302 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=8 burnup=1.44  | kinf=1.298 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=20 burnup=1.85 | kinf=1.291 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=0.86  | kinf=1.291 Enrch=2.04 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.62  | kinf=1.265 Enrch=1.96 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.64  | kinf=1.264 Enrch=1.95 Dschg=1971 | GE MORRIS ( |
| Nassy=4 burnup=1.83  | kinf=1.292 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=19 burnup=1.83 | kinf=1.292 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=1.83  | kinf=1.292 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=1.13  | kinf=1.303 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=21 burnup=1.63 | kinf=1.295 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.63  | kinf=1.295 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=1.78  | kinf=1.260 Enrch=1.94 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=9.28  | kinf=1.410 Enrch=3.63 Dschg=1971 | WEST VALLEY |
| Nassy=1 burnup=4.99  | kinf=1.478 Enrch=3.63 Dschg=1971 | WEST VALLEY |
| Nassy=1 burnup=8.24  | kinf=1.426 Enrch=3.63 Dschg=1971 | WEST VALLEY |
| Nassy=1 burnup=9.23  | kinf=1.411 Enrch=3.63 Dschg=1971 | WEST VALLEY |
| Nassy=1 burnup=1.53  | kinf=1.318 Enrch=2.26 Dschg=1971 | DRESDEN     |
| Nassy=1 burnup=4.49  | kinf=1.250 Enrch=2.11 Dschg=1971 | OYSTER CRK  |
| Nassy=1 burnup=3.27  | kinf=1.212 Enrch=1.78 Dschg=1972 | GE MORRIS ( |
| Nassy=22 burnup=4.52 | kinf=1.253 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=13 burnup=4.52 | kinf=1.253 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=25 burnup=4.52 | kinf=1.253 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=19 burnup=3.43 | kinf=1.269 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=4 burnup=3.43  | kinf=1.269 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=13 burnup=3.43 | kinf=1.269 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=12 burnup=2.81 | kinf=1.227 Enrch=1.83 Dschg=1972 | GE MORRIS ( |
| Nassy=10 burnup=3.13 | kinf=1.217 Enrch=1.80 Dschg=1972 | GE MORRIS ( |
| Nassy=5 burnup=3.87  | kinf=1.195 Enrch=1.73 Dschg=1972 | GE MORRIS ( |
| Nassy=21 burnup=3.87 | kinf=1.195 Enrch=1.73 Dschg=1972 | GE MORRIS ( |
| Nassy=4 burnup=3.87  | kinf=1.195 Enrch=1.73 Dschg=1972 | GE MORRIS ( |
| Nassy=19 burnup=4.14 | kinf=1.258 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=38 burnup=4.14 | kinf=1.258 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=6 burnup=4.14  | kinf=1.258 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=4 burnup=4.14  | kinf=1.258 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=14 burnup=4.62 | kinf=1.173 Enrch=1.67 Dschg=1972 | GE MORRIS ( |
| Nassy=13 burnup=3.39 | kinf=1.209 Enrch=1.77 Dschg=1972 | GE MORRIS ( |
| Nassy=5 burnup=3.34  | kinf=1.269 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=5 burnup=4.77  | kinf=1.249 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=3 burnup=3.84  | kinf=1.195 Enrch=1.73 Dschg=1972 | GE MORRIS ( |

|                      |                                  |             |
|----------------------|----------------------------------|-------------|
| Nassy=2 burnup=3.84  | kinf=1.195 Enrch=1.73 Dschg=1972 | GE MORRIS ( |
| Nassy=1 burnup=3.28  | kinf=1.271 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=1 burnup=2.73  | kinf=1.279 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=7 burnup=4.69  | kinf=1.250 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=16 burnup=4.69 | kinf=1.250 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=17 burnup=4.31 | kinf=1.182 Enrch=1.69 Dschg=1972 | GE MORRIS ( |
| Nassy=6 burnup=4.31  | kinf=1.182 Enrch=1.69 Dschg=1972 | GE MORRIS ( |
| Nassy=10 burnup=3.12 | kinf=1.273 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=12 burnup=3.60 | kinf=1.203 Enrch=1.76 Dschg=1972 | GE MORRIS ( |
| Nassy=1 burnup=3.60  | kinf=1.203 Enrch=1.76 Dschg=1972 | GE MORRIS ( |
| Nassy=4 burnup=2.84  | kinf=1.277 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=11 burnup=4.38 | kinf=1.254 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=44 burnup=4.38 | kinf=1.254 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=1 burnup=3.91  | kinf=1.261 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=2 burnup=3.91  | kinf=1.261 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=21 burnup=3.79 | kinf=1.263 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=20 burnup=3.77 | kinf=1.264 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=18 burnup=3.77 | kinf=1.264 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=21 burnup=3.77 | kinf=1.264 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=5 burnup=4.39  | kinf=1.179 Enrch=1.68 Dschg=1972 | GE MORRIS ( |
| Nassy=19 burnup=4.39 | kinf=1.179 Enrch=1.68 Dschg=1972 | GE MORRIS ( |
| Nassy=14 burnup=4.64 | kinf=1.172 Enrch=1.66 Dschg=1972 | GE MORRIS ( |
| Nassy=1 burnup=8.59  | kinf=1.421 Enrch=3.63 Dschg=1972 | WEST VALLEY |
| Nassy=1 burnup=9.12  | kinf=1.413 Enrch=3.63 Dschg=1972 | WEST VALLEY |
| Nassy=1 burnup=8.73  | kinf=1.419 Enrch=3.63 Dschg=1972 | WEST VALLEY |
| Nassy=2 burnup=4.86  | kinf=1.239 Enrch=2.08 Dschg=1972 | MILLSTONE   |
| Nassy=4 burnup=6.45  | kinf=1.454 Enrch=3.63 Dschg=1973 | WEST VALLEY |
| Nassy=1 burnup=8.75  | kinf=1.418 Enrch=3.63 Dschg=1973 | WEST VALLEY |
| Nassy=1 burnup=7.35  | kinf=1.440 Enrch=3.63 Dschg=1973 | WEST VALLEY |
| Nassy=1 burnup=3.88  | kinf=1.262 Enrch=2.13 Dschg=1973 | DRESDEN     |
| Nassy=1 burnup=4.96  | kinf=1.246 Enrch=2.13 Dschg=1973 | DRESDEN     |
| Nassy=1 burnup=4.96  | kinf=1.246 Enrch=2.13 Dschg=1973 | DRESDEN     |
| Nassy=1 burnup=1.05  | kinf=1.365 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=3 burnup=0.97  | kinf=1.366 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=5 burnup=4.32  | kinf=1.315 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=1 burnup=0.99  | kinf=1.366 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=11 burnup=4.39 | kinf=1.315 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=10 burnup=4.39 | kinf=1.315 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=2 burnup=4.00  | kinf=1.320 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=5 burnup=4.05  | kinf=1.320 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=4 burnup=1.16  | kinf=1.364 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=3 burnup=4.66  | kinf=1.311 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=3 burnup=4.66  | kinf=1.311 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=1 burnup=0.99  | kinf=1.366 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=1 burnup=4.69  | kinf=1.310 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=4 burnup=9.23  | kinf=1.411 Enrch=3.63 Dschg=1973 | LACROSSE    |
| Nassy=1 burnup=8.77  | kinf=1.418 Enrch=3.63 Dschg=1973 | LACROSSE    |
| Nassy=3 burnup=9.10  | kinf=1.413 Enrch=3.63 Dschg=1973 | LACROSSE    |
| Nassy=1 burnup=9.10  | kinf=1.413 Enrch=3.63 Dschg=1973 | LACROSSE    |
| Nassy=1 burnup=8.95  | kinf=1.415 Enrch=3.63 Dschg=1974 | WEST VALLEY |
| Nassy=1 burnup=8.15  | kinf=1.428 Enrch=3.63 Dschg=1974 | WEST VALLEY |
| Nassy=2 burnup=4.95  | kinf=1.306 Enrch=2.50 Dschg=1974 | VT YANKEE   |
| Nassy=6 burnup=4.95  | kinf=1.306 Enrch=2.50 Dschg=1974 | VT YANKEE   |
| Nassy=1 burnup=7.57  | kinf=1.476 Enrch=3.92 Dschg=1975 | LACROSSE    |
| Nassy=1 burnup=3.71  | kinf=1.263 Enrch=2.12 Dschg=1975 | DUANE ARNOL |
| Nassy=1 burnup=3.78  | kinf=1.280 Enrch=2.23 Dschg=1975 | DRESDEN     |
| Nassy=1 burnup=4.80  | kinf=1.467 Enrch=3.54 Dschg=1976 | BIG ROCK    |
| Nassy=1 burnup=2.90  | kinf=1.273 Enrch=2.11 Dschg=1976 | BRUNSWICK   |
| Nassy=1 burnup=3.30  | kinf=1.267 Enrch=2.11 Dschg=1976 | BRUNSWICK   |
| Nassy=2 burnup=2.43  | kinf=1.105 Enrch=1.11 Dschg=1976 | BRUNSWICK   |
| Nassy=2 burnup=3.05  | kinf=1.320 Enrch=2.41 Dschg=1976 | HUMBOLDT BA |
| Nassy=2 burnup=3.30  | kinf=1.315 Enrch=2.40 Dschg=1976 | HUMBOLDT BA |
| Nassy=4 burnup=2.43  | kinf=1.329 Enrch=2.41 Dschg=1976 | HUMBOLDT BA |
| Nassy=2 burnup=2.69  | kinf=1.325 Enrch=2.41 Dschg=1976 | HUMBOLDT BA |
| Nassy=2 burnup=3.89  | kinf=1.308 Enrch=2.41 Dschg=1976 | HUMBOLDT BA |
| Nassy=2 burnup=4.34  | kinf=1.301 Enrch=2.41 Dschg=1976 | HUMBOLDT BA |
| Nassy=1 burnup=1.31  | kinf=1.346 Enrch=2.41 Dschg=1976 | HUMBOLDT BA |
| Nassy=1 burnup=12.04 | kinf=1.407 Enrch=3.92 Dschg=1977 | LACROSSE    |
| Nassy=1 burnup=12.30 | kinf=1.403 Enrch=3.93 Dschg=1977 | LACROSSE    |
| Nassy=1 burnup=7.61  | kinf=1.476 Enrch=3.92 Dschg=1977 | LACROSSE    |

|                       |                                  |             |
|-----------------------|----------------------------------|-------------|
| Nassy=1 burnup=12.42  | kinf=1.401 Enrch=3.92 Dschg=1977 | LACROSSE    |
| Nassy=5 burnup=3.65   | kinf=1.282 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=5 burnup=3.35   | kinf=1.287 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=1 burnup=3.35   | kinf=1.287 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=2 burnup=3.08   | kinf=1.291 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=4 burnup=4.00   | kinf=1.277 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=8 burnup=4.97   | kinf=1.263 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=16 burnup=4.97  | kinf=1.263 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=2 burnup=4.97   | kinf=1.263 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=4 burnup=4.53   | kinf=1.269 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=4 burnup=4.53   | kinf=1.269 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=15 burnup=4.53  | kinf=1.269 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=4 burnup=3.58   | kinf=1.019 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=16 burnup=1.89  | kinf=1.041 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=15 burnup=2.53  | kinf=1.032 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=9 burnup=2.53   | kinf=1.032 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=1 burnup=2.53   | kinf=1.032 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=3 burnup=2.53   | kinf=1.032 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=16 burnup=2.83  | kinf=1.028 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=8 burnup=4.31   | kinf=1.009 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=4 burnup=3.00   | kinf=1.026 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=7 burnup=3.15   | kinf=1.024 Enrch=0.72 Dschg=1985 | SUSQUEHANNA |
| Nassy=1 burnup=3.15   | kinf=1.024 Enrch=0.72 Dschg=1985 | SUSQUEHANNA |
| Nassy=8 burnup=4.11   | kinf=1.012 Enrch=0.72 Dschg=1985 | SUSQUEHANNA |
| Nassy=35 burnup=4.71  | kinf=1.004 Enrch=0.72 Dschg=1985 | SUSQUEHANNA |
| Nassy=1 burnup=4.71   | kinf=1.004 Enrch=0.72 Dschg=1985 | SUSQUEHANNA |
| Nassy=12 burnup=4.71  | kinf=1.004 Enrch=0.72 Dschg=1985 | SUSQUEHANNA |
| Nassy=8 burnup=2.96   | kinf=1.027 Enrch=0.72 Dschg=1985 | SUSQUEHANNA |
| Nassy=8 burnup=2.22   | kinf=1.038 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=14 burnup=2.86  | kinf=1.030 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=8 burnup=3.07   | kinf=1.027 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=4 burnup=2.65   | kinf=1.033 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=18 burnup=2.65  | kinf=1.033 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=2 burnup=2.65   | kinf=1.033 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=1 burnup=2.65   | kinf=1.033 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=5 burnup=2.65   | kinf=1.033 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=6 burnup=2.65   | kinf=1.033 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=6 burnup=2.65   | kinf=1.033 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=16 burnup=1.77  | kinf=1.044 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=4 burnup=3.28   | kinf=1.024 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=2 burnup=4.17   | kinf=1.013 Enrch=0.73 Dschg=1986 | SUSQUEHANNA |
| Nassy=18 burnup=5.00  | kinf=1.487 Enrch=3.70 Dschg=1987 | LACROSSE    |
| Nassy=5 burnup=5.00   | kinf=1.487 Enrch=3.70 Dschg=1987 | LACROSSE    |
| Nassy=1 burnup=5.00   | kinf=1.488 Enrch=3.71 Dschg=1987 | LACROSSE    |
| Nassy=37 burnup=3.00  | kinf=1.026 Enrch=0.72 Dschg=1989 | CLINTON     |
| Nassy=11 burnup=3.00  | kinf=1.026 Enrch=0.72 Dschg=1989 | CLINTON     |
| Nassy=4 burnup=3.00   | kinf=1.026 Enrch=0.72 Dschg=1989 | CLINTON     |
| Nassy=8 burnup=3.00   | kinf=1.026 Enrch=0.72 Dschg=1989 | CLINTON     |
| Nassy=16 burnup=3.00  | kinf=1.026 Enrch=0.72 Dschg=1989 | CLINTON     |
| Nassy=33 burnup=3.00  | kinf=1.026 Enrch=0.72 Dschg=1989 | ENRICO FERM |
| Nassy=27 burnup=3.00  | kinf=1.026 Enrch=0.72 Dschg=1989 | ENRICO FERM |
| Nassy=4 burnup=3.00   | kinf=1.026 Enrch=0.72 Dschg=1989 | ENRICO FERM |
| Nassy=4 burnup=3.00   | kinf=1.026 Enrch=0.72 Dschg=1989 | ENRICO FERM |
| Nassy=5 burnup=3.00   | kinf=1.026 Enrch=0.72 Dschg=1989 | ENRICO FERM |
| Nassy=19 burnup=3.00  | kinf=1.026 Enrch=0.72 Dschg=1989 | ENRICO FERM |
| Nassy=20 burnup=4.00  | kinf=1.013 Enrch=0.72 Dschg=1990 | NINE MILE P |
| Nassy=13 burnup=4.00  | kinf=1.013 Enrch=0.72 Dschg=1990 | NINE MILE P |
| Nassy=19 burnup=4.00  | kinf=1.013 Enrch=0.72 Dschg=1990 | NINE MILE P |
| Nassy=12 burnup=4.00  | kinf=1.013 Enrch=0.72 Dschg=1990 | NINE MILE P |
| Nassy=17 burnup=4.00  | kinf=1.013 Enrch=0.72 Dschg=1990 | NINE MILE P |
| Nassy=11 burnup=4.00  | kinf=1.013 Enrch=0.72 Dschg=1990 | NINE MILE P |
| Nassy=15 burnup=7.19  | kinf=1.402 Enrch=3.35 Dschg=2009 | NINE MILE P |
| Nassy=132 burnup=7.19 | kinf=1.402 Enrch=3.35 Dschg=2009 | NINE MILE P |
| Nassy=21 burnup=7.19  | kinf=1.402 Enrch=3.35 Dschg=2009 | NINE MILE P |
| Nassy=8 burnup=7.19   | kinf=1.402 Enrch=3.35 Dschg=2009 | NINE MILE P |
| Nassy=24 burnup=7.59  | kinf=1.400 Enrch=3.38 Dschg=2009 | OYSTER CRK  |
| Nassy=44 burnup=7.59  | kinf=1.400 Enrch=3.38 Dschg=2009 | OYSTER CRK  |
| Nassy=12 burnup=7.59  | kinf=1.400 Enrch=3.38 Dschg=2009 | OYSTER CRK  |
| Nassy=17 burnup=8.57  | kinf=1.410 Enrch=3.56 Dschg=2012 | PILGRIM     |
| Nassy=132 burnup=8.57 | kinf=1.410 Enrch=3.56 Dschg=2012 | PILGRIM     |

|                      |                                  |             |
|----------------------|----------------------------------|-------------|
| Nassy=40 burnup=8.57 | kinf=1.410 Enrch=3.56 Dschg=2012 | PILGRIM     |
| Nassy=3 burnup=8.57  | kinf=1.410 Enrch=3.56 Dschg=2012 | PILGRIM     |
| Nassy=32 burnup=6.41 | kinf=1.443 Enrch=3.55 Dschg=2012 | QUAD CITIES |
| Nassy=88 burnup=6.41 | kinf=1.443 Enrch=3.55 Dschg=2012 | QUAD CITIES |
| Nassy=13 burnup=6.41 | kinf=1.443 Enrch=3.55 Dschg=2012 | QUAD CITIES |
| Nassy=20 burnup=6.41 | kinf=1.443 Enrch=3.55 Dschg=2012 | QUAD CITIES |
| Nassy=13 burnup=6.61 | kinf=1.438 Enrch=3.54 Dschg=2014 | BRUNSWICK   |
| Nassy=44 burnup=6.61 | kinf=1.438 Enrch=3.54 Dschg=2014 | BRUNSWICK   |
| Nassy=28 burnup=6.61 | kinf=1.438 Enrch=3.54 Dschg=2014 | BRUNSWICK   |
| Nassy=7 burnup=6.61  | kinf=1.438 Enrch=3.54 Dschg=2014 | BRUNSWICK   |
| Nassy=30 burnup=3.22 | kinf=1.457 Enrch=3.30 Dschg=2022 | LASALLE     |
| Nassy=88 burnup=3.22 | kinf=1.457 Enrch=3.30 Dschg=2022 | LASALLE     |
| Nassy=4 burnup=3.22  | kinf=1.457 Enrch=3.30 Dschg=2022 | LASALLE     |

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INPUT FILE LISTING:  
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| #bins | Input_file | Output_file | Case_title         | Last_delivery |
|-------|------------|-------------|--------------------|---------------|
| 0     | case5.wsm  | case5.out   | W5:off_7dpc_isf_63 | 2045          |
| Type  | Cap        | Mmin        | Mmax               | Kmin          |
|       |            |             | Kmax               |               |

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OUTPUT FILE LISTING:  
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W5:off\_7dpc\_isf\_63  
Standard Table

BWR Heat Percentiles

| Watts/Assy | Assy | Cum Assy | Percent |
|------------|------|----------|---------|
| 10         | 657  | 657      | 0.53    |
| 20         | 1508 | 2165     | 1.74    |
| 30         | 1768 | 3933     | 3.17    |
| 40         | 2628 | 6561     | 5.29    |
| 50         | 2706 | 9267     | 7.47    |
| 60         | 2901 | 12168    | 9.80    |
| 70         | 4942 | 17110    | 13.78   |
| 80         | 6672 | 23782    | 19.16   |
| 90         | 8742 | 32524    | 26.20   |
| 100        | 8567 | 41091    | 33.10   |
| 110        | 5571 | 46662    | 37.59   |
| 120        | 2603 | 49265    | 39.69   |
| 130        | 2318 | 51583    | 41.56   |
| 140        | 3552 | 55135    | 44.42   |
| 150        | 3425 | 58560    | 47.18   |
| 160        | 3097 | 61657    | 49.67   |
| 170        | 2545 | 64202    | 51.72   |
| 180        | 2500 | 66702    | 53.74   |
| 190        | 2751 | 69453    | 55.95   |
| 200        | 4001 | 73454    | 59.18   |
| 210        | 3025 | 76479    | 61.61   |
| 220        | 4034 | 80513    | 64.86   |
| 230        | 4273 | 84786    | 68.31   |
| 240        | 4503 | 89289    | 71.93   |
| 250        | 4508 | 93797    | 75.57   |
| 260        | 4956 | 98753    | 79.56   |
| 270        | 4846 | 103599   | 83.46   |
| 280        | 5126 | 108725   | 87.59   |
| 290        | 4605 | 113330   | 91.30   |
| 300        | 3783 | 117113   | 94.35   |
| 310        | 2972 | 120085   | 96.75   |
| 320        | 620  | 120705   | 97.24   |
| 330        | 1473 | 122178   | 98.43   |
| 340        | 679  | 122857   | 98.98   |
| 350        | 738  | 123595   | 99.57   |
| 360        | 432  | 124027   | 99.92   |
| 370        | 98   | 124125   | 100.00  |
| 380        | 0    | 124125   | 100.00  |
| 390        | 0    | 124125   | 100.00  |
| 400        | 0    | 124125   | 100.00  |
| 410        | 0    | 124125   | 100.00  |
| 420        | 0    | 124125   | 100.00  |
| 430        | 0    | 124125   | 100.00  |
| 440        | 0    | 124125   | 100.00  |
| 450        | 0    | 124125   | 100.00  |
| 460        | 0    | 124125   | 100.00  |
| 470        | 0    | 124125   | 100.00  |
| 480        | 0    | 124125   | 100.00  |
| 490        | 0    | 124125   | 100.00  |
| 500        | 0    | 124125   | 100.00  |
| 510        | 0    | 124125   | 100.00  |
| 520        | 0    | 124125   | 100.00  |
| 530        | 0    | 124125   | 100.00  |
| 540        | 0    | 124125   | 100.00  |
| 550        | 0    | 124125   | 100.00  |

|       |   |        |        |
|-------|---|--------|--------|
| 560   | 0 | 124125 | 100.00 |
| 570   | 0 | 124125 | 100.00 |
| 580   | 0 | 124125 | 100.00 |
| 590   | 0 | 124125 | 100.00 |
| 600   | 0 | 124125 | 100.00 |
| 610   | 0 | 124125 | 100.00 |
| 620   | 0 | 124125 | 100.00 |
| 630   | 0 | 124125 | 100.00 |
| 640   | 0 | 124125 | 100.00 |
| 650   | 0 | 124125 | 100.00 |
| 660   | 0 | 124125 | 100.00 |
| 670   | 0 | 124125 | 100.00 |
| 680   | 0 | 124125 | 100.00 |
| 690   | 0 | 124125 | 100.00 |
| 700   | 0 | 124125 | 100.00 |
| 710   | 0 | 124125 | 100.00 |
| 720   | 0 | 124125 | 100.00 |
| 730   | 0 | 124125 | 100.00 |
| 740   | 0 | 124125 | 100.00 |
| 750   | 0 | 124125 | 100.00 |
| 760   | 0 | 124125 | 100.00 |
| 770   | 0 | 124125 | 100.00 |
| 780   | 0 | 124125 | 100.00 |
| 790   | 0 | 124125 | 100.00 |
| 800   | 0 | 124125 | 100.00 |
| 810   | 0 | 124125 | 100.00 |
| 820   | 0 | 124125 | 100.00 |
| 830   | 0 | 124125 | 100.00 |
| 840   | 0 | 124125 | 100.00 |
| 850   | 0 | 124125 | 100.00 |
| 860   | 0 | 124125 | 100.00 |
| 870   | 0 | 124125 | 100.00 |
| 880   | 0 | 124125 | 100.00 |
| 890   | 0 | 124125 | 100.00 |
| 900   | 0 | 124125 | 100.00 |
| 910   | 0 | 124125 | 100.00 |
| 920   | 0 | 124125 | 100.00 |
| 930   | 0 | 124125 | 100.00 |
| 940   | 0 | 124125 | 100.00 |
| 950   | 0 | 124125 | 100.00 |
| 960   | 0 | 124125 | 100.00 |
| 970   | 0 | 124125 | 100.00 |
| 980   | 0 | 124125 | 100.00 |
| 990   | 0 | 124125 | 100.00 |
| Above | 0 | 124125 | 100.00 |

BWR Kinf Percentiles

| Kinf  | Assy | CumAssy | Percent |
|-------|------|---------|---------|
| 0.760 | 0    | 0       | 0.00    |
| 0.770 | 0    | 0       | 0.00    |
| 0.780 | 0    | 0       | 0.00    |
| 0.790 | 0    | 0       | 0.00    |
| 0.800 | 0    | 0       | 0.00    |
| 0.810 | 12   | 12      | 0.01    |
| 0.820 | 0    | 12      | 0.01    |
| 0.830 | 16   | 28      | 0.02    |
| 0.840 | 0    | 28      | 0.02    |
| 0.850 | 5    | 33      | 0.03    |
| 0.860 | 114  | 147     | 0.12    |
| 0.870 | 0    | 147     | 0.12    |
| 0.880 | 0    | 147     | 0.12    |
| 0.890 | 0    | 147     | 0.12    |
| 0.900 | 191  | 338     | 0.27    |
| 0.910 | 64   | 402     | 0.32    |
| 0.920 | 555  | 957     | 0.77    |
| 0.930 | 412  | 1369    | 1.10    |
| 0.940 | 816  | 2185    | 1.76    |
| 0.950 | 1114 | 3299    | 2.66    |
| 0.960 | 1642 | 4941    | 3.98    |

|       |       |        |        |
|-------|-------|--------|--------|
| 0.970 | 2939  | 7880   | 6.35   |
| 0.980 | 9013  | 16893  | 13.61  |
| 0.990 | 4954  | 21847  | 17.60  |
| 1.000 | 6646  | 28493  | 22.96  |
| 1.010 | 8956  | 37449  | 30.17  |
| 1.020 | 13376 | 50825  | 40.95  |
| 1.030 | 11954 | 62779  | 50.58  |
| 1.040 | 16468 | 79247  | 63.84  |
| 1.050 | 8528  | 87775  | 70.72  |
| 1.060 | 9076  | 96851  | 78.03  |
| 1.070 | 5694  | 102545 | 82.61  |
| 1.080 | 3470  | 106015 | 85.41  |
| 1.090 | 3734  | 109749 | 88.42  |
| 1.100 | 1995  | 111744 | 90.03  |
| 1.110 | 1435  | 113179 | 91.18  |
| 1.120 | 2170  | 115349 | 92.93  |
| 1.130 | 488   | 115837 | 93.32  |
| 1.140 | 1301  | 117138 | 94.37  |
| 1.150 | 503   | 117641 | 94.78  |
| 1.160 | 789   | 118430 | 95.41  |
| 1.170 | 279   | 118709 | 95.64  |
| 1.180 | 390   | 119099 | 95.95  |
| 1.190 | 192   | 119291 | 96.11  |
| 1.200 | 236   | 119527 | 96.30  |
| 1.210 | 289   | 119816 | 96.53  |
| 1.220 | 238   | 120054 | 96.72  |
| 1.230 | 171   | 120225 | 96.86  |
| 1.240 | 295   | 120520 | 97.10  |
| 1.250 | 442   | 120962 | 97.45  |
| 1.260 | 699   | 121661 | 98.01  |
| 1.270 | 262   | 121923 | 98.23  |
| 1.280 | 168   | 122091 | 98.36  |
| 1.290 | 118   | 122209 | 98.46  |
| 1.300 | 262   | 122471 | 98.67  |
| 1.310 | 173   | 122644 | 98.81  |
| 1.320 | 138   | 122782 | 98.92  |
| 1.330 | 222   | 123004 | 99.10  |
| 1.340 | 19    | 123023 | 99.11  |
| 1.350 | 31    | 123054 | 99.14  |
| 1.360 | 35    | 123089 | 99.17  |
| 1.370 | 43    | 123132 | 99.20  |
| 1.380 | 440   | 123572 | 99.55  |
| 1.390 | 25    | 123597 | 99.57  |
| 1.400 | 19    | 123616 | 99.59  |
| 1.410 | 451   | 124067 | 99.95  |
| 1.420 | 16    | 124083 | 99.97  |
| 1.430 | 3     | 124086 | 99.97  |
| 1.440 | 0     | 124086 | 99.97  |
| 1.450 | 1     | 124087 | 99.97  |
| 1.460 | 5     | 124092 | 99.97  |
| 1.470 | 0     | 124092 | 99.97  |
| 1.480 | 3     | 124095 | 99.98  |
| 1.490 | 25    | 124120 | 100.00 |
| 1.500 | 0     | 124120 | 100.00 |
| 1.510 | 0     | 124120 | 100.00 |
| 1.520 | 0     | 124120 | 100.00 |
| 1.530 | 1     | 124121 | 100.00 |
| 1.540 | 4     | 124125 | 100.00 |
| 1.550 | 0     | 124125 | 100.00 |
| 1.560 | 0     | 124125 | 100.00 |
| 1.570 | 0     | 124125 | 100.00 |
| 1.580 | 0     | 124125 | 100.00 |
| 1.590 | 0     | 124125 | 100.00 |
| Above | 0     | 124125 | 100.00 |

| PWR Heat Percentiles |      |          |         |
|----------------------|------|----------|---------|
| Watts/Assy           | Assy | Cum Assy | Percent |
| 10                   | 28   | 28       | 0.03    |
| 20                   | 15   | 43       | 0.05    |

|     |      |       |       |
|-----|------|-------|-------|
| 30  | 20   | 63    | 0.07  |
| 40  | 78   | 141   | 0.15  |
| 50  | 53   | 194   | 0.20  |
| 60  | 101  | 295   | 0.31  |
| 70  | 128  | 423   | 0.45  |
| 80  | 161  | 584   | 0.62  |
| 90  | 286  | 870   | 0.92  |
| 100 | 354  | 1224  | 1.29  |
| 110 | 419  | 1643  | 1.73  |
| 120 | 483  | 2126  | 2.24  |
| 130 | 824  | 2950  | 3.11  |
| 140 | 964  | 3914  | 4.13  |
| 150 | 713  | 4627  | 4.88  |
| 160 | 987  | 5614  | 5.92  |
| 170 | 730  | 6344  | 6.69  |
| 180 | 729  | 7073  | 7.46  |
| 190 | 1144 | 8217  | 8.66  |
| 200 | 1110 | 9327  | 9.83  |
| 210 | 1247 | 10574 | 11.15 |
| 220 | 1900 | 12474 | 13.15 |
| 230 | 1589 | 14063 | 14.83 |
| 240 | 2027 | 16090 | 16.96 |
| 250 | 2005 | 18095 | 19.08 |
| 260 | 1763 | 19858 | 20.93 |
| 270 | 1961 | 21819 | 23.00 |
| 280 | 1697 | 23516 | 24.79 |
| 290 | 1817 | 25333 | 26.71 |
| 300 | 1320 | 26653 | 28.10 |
| 310 | 1723 | 28376 | 29.91 |
| 320 | 1844 | 30220 | 31.86 |
| 330 | 1731 | 31951 | 33.68 |
| 340 | 1239 | 33190 | 34.99 |
| 350 | 1269 | 34459 | 36.33 |
| 360 | 1217 | 35676 | 37.61 |
| 370 | 1053 | 36729 | 38.72 |
| 380 | 1241 | 37970 | 40.03 |
| 390 | 1104 | 39074 | 41.19 |
| 400 | 1319 | 40393 | 42.58 |
| 410 | 1444 | 41837 | 44.10 |
| 420 | 1515 | 43352 | 45.70 |
| 430 | 1416 | 44768 | 47.19 |
| 440 | 1681 | 46449 | 48.97 |
| 450 | 1310 | 47759 | 50.35 |
| 460 | 1759 | 49518 | 52.20 |
| 470 | 1634 | 51152 | 53.92 |
| 480 | 1914 | 53066 | 55.94 |
| 490 | 1465 | 54531 | 57.49 |
| 500 | 1738 | 56269 | 59.32 |
| 510 | 1219 | 57488 | 60.60 |
| 520 | 1267 | 58755 | 61.94 |
| 530 | 1195 | 59950 | 63.20 |
| 540 | 1170 | 61120 | 64.43 |
| 550 | 1411 | 62531 | 65.92 |
| 560 | 1332 | 63863 | 67.32 |
| 570 | 1089 | 64952 | 68.47 |
| 580 | 1446 | 66398 | 70.00 |
| 590 | 1411 | 67809 | 71.48 |
| 600 | 1929 | 69738 | 73.52 |
| 610 | 1651 | 71389 | 75.26 |
| 620 | 1452 | 72841 | 76.79 |
| 630 | 1491 | 74332 | 78.36 |
| 640 | 1584 | 75916 | 80.03 |
| 650 | 1425 | 77341 | 81.53 |
| 660 | 1508 | 78849 | 83.12 |
| 670 | 1168 | 80017 | 84.35 |
| 680 | 1174 | 81191 | 85.59 |
| 690 | 1455 | 82646 | 87.13 |
| 700 | 1631 | 84277 | 88.85 |
| 710 | 1327 | 85604 | 90.24 |
| 720 | 699  | 86303 | 90.98 |

|      |     |       |        |
|------|-----|-------|--------|
| 730  | 869 | 87172 | 91.90  |
| 740  | 602 | 87774 | 92.53  |
| 750  | 849 | 88623 | 93.43  |
| 760  | 671 | 89294 | 94.13  |
| 770  | 756 | 90050 | 94.93  |
| 780  | 758 | 90808 | 95.73  |
| 790  | 353 | 91161 | 96.10  |
| 800  | 528 | 91689 | 96.66  |
| 810  | 574 | 92263 | 97.26  |
| 820  | 535 | 92798 | 97.83  |
| 830  | 317 | 93115 | 98.16  |
| 840  | 239 | 93354 | 98.41  |
| 850  | 239 | 93593 | 98.67  |
| 860  | 298 | 93891 | 98.98  |
| 870  | 133 | 94024 | 99.12  |
| 880  | 56  | 94080 | 99.18  |
| 890  | 32  | 94112 | 99.21  |
| 900  | 158 | 94270 | 99.38  |
| 910  | 146 | 94416 | 99.53  |
| 920  | 48  | 94464 | 99.58  |
| 930  | 46  | 94510 | 99.63  |
| 940  | 3   | 94513 | 99.64  |
| 950  | 78  | 94591 | 99.72  |
| 960  | 63  | 94654 | 99.78  |
| 970  | 2   | 94656 | 99.79  |
| 980  | 44  | 94700 | 99.83  |
| 990  | 1   | 94701 | 99.83  |
| 1000 | 79  | 94780 | 99.92  |
| 1010 | 3   | 94783 | 99.92  |
| 1020 | 0   | 94783 | 99.92  |
| 1030 | 0   | 94783 | 99.92  |
| 1040 | 16  | 94799 | 99.94  |
| 1050 | 31  | 94830 | 99.97  |
| 1060 | 14  | 94844 | 99.99  |
| 1070 | 0   | 94844 | 99.99  |
| 1080 | 0   | 94844 | 99.99  |
| 1090 | 0   | 94844 | 99.99  |
| 1100 | 0   | 94844 | 99.99  |
| 1110 | 0   | 94844 | 99.99  |
| 1120 | 14  | 94858 | 100.00 |
| 1130 | 0   | 94858 | 100.00 |
| 1140 | 0   | 94858 | 100.00 |
| 1150 | 0   | 94858 | 100.00 |
| 1160 | 0   | 94858 | 100.00 |
| 1170 | 0   | 94858 | 100.00 |
| 1180 | 0   | 94858 | 100.00 |
| 1190 | 0   | 94858 | 100.00 |
| 1200 | 0   | 94858 | 100.00 |
| 1210 | 0   | 94858 | 100.00 |
| 1220 | 0   | 94858 | 100.00 |
| 1230 | 0   | 94858 | 100.00 |
| 1240 | 0   | 94858 | 100.00 |
| 1250 | 0   | 94858 | 100.00 |
| 1260 | 0   | 94858 | 100.00 |
| 1270 | 0   | 94858 | 100.00 |
| 1280 | 0   | 94858 | 100.00 |
| 1290 | 0   | 94858 | 100.00 |
| 1300 | 0   | 94858 | 100.00 |
| 1310 | 0   | 94858 | 100.00 |
| 1320 | 0   | 94858 | 100.00 |
| 1330 | 0   | 94858 | 100.00 |
| 1340 | 0   | 94858 | 100.00 |
| 1350 | 0   | 94858 | 100.00 |
| 1360 | 0   | 94858 | 100.00 |
| 1370 | 0   | 94858 | 100.00 |
| 1380 | 0   | 94858 | 100.00 |
| 1390 | 0   | 94858 | 100.00 |
| 1400 | 0   | 94858 | 100.00 |
| 1410 | 0   | 94858 | 100.00 |
| 1420 | 0   | 94858 | 100.00 |

|       |   |       |        |
|-------|---|-------|--------|
| 1430  | 0 | 94858 | 100.00 |
| 1440  | 0 | 94858 | 100.00 |
| 1450  | 0 | 94858 | 100.00 |
| 1460  | 0 | 94858 | 100.00 |
| 1470  | 0 | 94858 | 100.00 |
| 1480  | 0 | 94858 | 100.00 |
| 1490  | 0 | 94858 | 100.00 |
| 1500  | 0 | 94858 | 100.00 |
| 1510  | 0 | 94858 | 100.00 |
| 1520  | 0 | 94858 | 100.00 |
| 1530  | 0 | 94858 | 100.00 |
| 1540  | 0 | 94858 | 100.00 |
| 1550  | 0 | 94858 | 100.00 |
| 1560  | 0 | 94858 | 100.00 |
| 1570  | 0 | 94858 | 100.00 |
| 1580  | 0 | 94858 | 100.00 |
| 1590  | 0 | 94858 | 100.00 |
| 1600  | 0 | 94858 | 100.00 |
| 1610  | 0 | 94858 | 100.00 |
| 1620  | 0 | 94858 | 100.00 |
| 1630  | 0 | 94858 | 100.00 |
| 1640  | 0 | 94858 | 100.00 |
| 1650  | 0 | 94858 | 100.00 |
| 1660  | 0 | 94858 | 100.00 |
| 1670  | 0 | 94858 | 100.00 |
| 1680  | 0 | 94858 | 100.00 |
| 1690  | 0 | 94858 | 100.00 |
| 1700  | 0 | 94858 | 100.00 |
| 1710  | 0 | 94858 | 100.00 |
| 1720  | 0 | 94858 | 100.00 |
| 1730  | 0 | 94858 | 100.00 |
| 1740  | 0 | 94858 | 100.00 |
| 1750  | 0 | 94858 | 100.00 |
| 1760  | 0 | 94858 | 100.00 |
| 1770  | 0 | 94858 | 100.00 |
| 1780  | 0 | 94858 | 100.00 |
| 1790  | 0 | 94858 | 100.00 |
| 1800  | 0 | 94858 | 100.00 |
| 1810  | 0 | 94858 | 100.00 |
| 1820  | 0 | 94858 | 100.00 |
| 1830  | 0 | 94858 | 100.00 |
| 1840  | 0 | 94858 | 100.00 |
| 1850  | 0 | 94858 | 100.00 |
| 1860  | 0 | 94858 | 100.00 |
| 1870  | 0 | 94858 | 100.00 |
| 1880  | 0 | 94858 | 100.00 |
| 1890  | 0 | 94858 | 100.00 |
| 1900  | 0 | 94858 | 100.00 |
| 1910  | 0 | 94858 | 100.00 |
| 1920  | 0 | 94858 | 100.00 |
| 1930  | 0 | 94858 | 100.00 |
| 1940  | 0 | 94858 | 100.00 |
| 1950  | 0 | 94858 | 100.00 |
| 1960  | 0 | 94858 | 100.00 |
| 1970  | 0 | 94858 | 100.00 |
| 1980  | 0 | 94858 | 100.00 |
| 1990  | 0 | 94858 | 100.00 |
| Above | 0 | 94858 | 100.00 |

PWR Kinf Percentiles

| Kinf  | Assy | CumAssy | Percent |
|-------|------|---------|---------|
| 0.760 | 5    | 5       | 0.01    |
| 0.770 | 0    | 5       | 0.01    |
| 0.780 | 0    | 5       | 0.01    |
| 0.790 | 0    | 5       | 0.01    |
| 0.800 | 0    | 5       | 0.01    |
| 0.810 | 11   | 16      | 0.02    |
| 0.820 | 0    | 16      | 0.02    |
| 0.830 | 0    | 16      | 0.02    |

|       |       |       |        |
|-------|-------|-------|--------|
| 0.840 | 1     | 17    | 0.02   |
| 0.850 | 1     | 18    | 0.02   |
| 0.860 | 1     | 19    | 0.02   |
| 0.870 | 2     | 21    | 0.02   |
| 0.880 | 38    | 59    | 0.06   |
| 0.890 | 28    | 87    | 0.09   |
| 0.900 | 69    | 156   | 0.16   |
| 0.910 | 116   | 272   | 0.29   |
| 0.920 | 193   | 465   | 0.49   |
| 0.930 | 254   | 719   | 0.76   |
| 0.940 | 738   | 1457  | 1.54   |
| 0.950 | 1328  | 2785  | 2.94   |
| 0.960 | 2464  | 5249  | 5.53   |
| 0.970 | 4652  | 9901  | 10.44  |
| 0.980 | 6515  | 16416 | 17.31  |
| 0.990 | 8097  | 24513 | 25.84  |
| 1.000 | 11004 | 35517 | 37.44  |
| 1.010 | 10488 | 46005 | 48.50  |
| 1.020 | 9310  | 55315 | 58.31  |
| 1.030 | 12345 | 67660 | 71.33  |
| 1.040 | 6700  | 74360 | 78.39  |
| 1.050 | 5019  | 79379 | 83.68  |
| 1.060 | 3236  | 82615 | 87.09  |
| 1.070 | 1999  | 84614 | 89.20  |
| 1.080 | 1788  | 86402 | 91.09  |
| 1.090 | 1478  | 87880 | 92.64  |
| 1.100 | 1631  | 89511 | 94.36  |
| 1.110 | 1176  | 90687 | 95.60  |
| 1.120 | 832   | 91519 | 96.48  |
| 1.130 | 682   | 92201 | 97.20  |
| 1.140 | 442   | 92643 | 97.66  |
| 1.150 | 223   | 92866 | 97.90  |
| 1.160 | 372   | 93238 | 98.29  |
| 1.170 | 128   | 93366 | 98.43  |
| 1.180 | 108   | 93474 | 98.54  |
| 1.190 | 232   | 93706 | 98.79  |
| 1.200 | 135   | 93841 | 98.93  |
| 1.210 | 68    | 93909 | 99.00  |
| 1.220 | 32    | 93941 | 99.03  |
| 1.230 | 131   | 94072 | 99.17  |
| 1.240 | 101   | 94173 | 99.28  |
| 1.250 | 114   | 94287 | 99.40  |
| 1.260 | 112   | 94399 | 99.52  |
| 1.270 | 69    | 94468 | 99.59  |
| 1.280 | 33    | 94501 | 99.62  |
| 1.290 | 64    | 94565 | 99.69  |
| 1.300 | 85    | 94650 | 99.78  |
| 1.310 | 30    | 94680 | 99.81  |
| 1.320 | 60    | 94740 | 99.88  |
| 1.330 | 20    | 94760 | 99.90  |
| 1.340 | 8     | 94768 | 99.91  |
| 1.350 | 2     | 94770 | 99.91  |
| 1.360 | 44    | 94814 | 99.95  |
| 1.370 | 7     | 94821 | 99.96  |
| 1.380 | 0     | 94821 | 99.96  |
| 1.390 | 0     | 94821 | 99.96  |
| 1.400 | 0     | 94821 | 99.96  |
| 1.410 | 1     | 94822 | 99.96  |
| 1.420 | 0     | 94822 | 99.96  |
| 1.430 | 12    | 94834 | 99.97  |
| 1.440 | 0     | 94834 | 99.97  |
| 1.450 | 16    | 94850 | 99.99  |
| 1.460 | 8     | 94858 | 100.00 |
| 1.470 | 0     | 94858 | 100.00 |
| 1.480 | 0     | 94858 | 100.00 |
| 1.490 | 0     | 94858 | 100.00 |
| 1.500 | 0     | 94858 | 100.00 |
| 1.510 | 0     | 94858 | 100.00 |
| 1.520 | 0     | 94858 | 100.00 |
| 1.530 | 0     | 94858 | 100.00 |

|       |   |       |        |
|-------|---|-------|--------|
| 1.540 | 0 | 94858 | 100.00 |
| 1.550 | 0 | 94858 | 100.00 |
| 1.560 | 0 | 94858 | 100.00 |
| 1.570 | 0 | 94858 | 100.00 |
| 1.580 | 0 | 94858 | 100.00 |
| 1.590 | 0 | 94858 | 100.00 |
| Above | 0 | 94858 | 100.00 |

| Year | MTU     | B Assy | P Assy |
|------|---------|--------|--------|
| 2010 | 295.63  | 616    | 420    |
| 2011 | 597.83  | 1232   | 861    |
| 2012 | 1191.39 | 2772   | 1545   |
| 2013 | 2013.79 | 3520   | 3151   |
| 2014 | 2995.15 | 5697   | 4614   |
| 2015 | 2989.70 | 5847   | 4518   |
| 2016 | 3010.31 | 5788   | 4569   |
| 2017 | 3006.31 | 5192   | 4740   |
| 2018 | 2991.74 | 5891   | 4521   |
| 2019 | 2998.63 | 5696   | 4554   |
| 2020 | 3000.01 | 5304   | 4716   |
| 2021 | 3002.37 | 6072   | 4398   |
| 2022 | 2992.56 | 5772   | 4536   |
| 2023 | 3018.49 | 5412   | 4728   |
| 2024 | 2981.63 | 6028   | 4413   |
| 2025 | 3012.33 | 6739   | 4231   |
| 2026 | 2996.05 | 7765   | 3927   |
| 2027 | 3006.00 | 7036   | 4158   |
| 2028 | 2996.31 | 6401   | 4263   |
| 2029 | 3008.99 | 5961   | 4515   |
| 2030 | 3016.89 | 6246   | 4494   |
| 2031 | 2979.98 | 4993   | 4893   |
| 2032 | 2995.87 | 5123   | 4929   |
| 2033 | 1902.14 | 3022   | 3164   |
| 2034 | 0.00    | 0      | 0      |
| 2035 | 0.00    | 0      | 0      |
| 2036 | 0.00    | 0      | 0      |
| 2037 | 0.00    | 0      | 0      |
| 2038 | 0.00    | 0      | 0      |
| 2039 | 0.00    | 0      | 0      |
| 2040 | 0.00    | 0      | 0      |
| 2041 | 0.00    | 0      | 0      |
| 2042 | 0.00    | 0      | 0      |
| 2043 | 0.00    | 0      | 0      |
| 2044 | 0.00    | 0      | 0      |
| 2045 | 0.00    | 0      | 0      |

Average age = 27.321

JUNK FILE LISTING:

|                     |            |            |            |             |
|---------------------|------------|------------|------------|-------------|
| Nassy=1 burnup=1.87 | kinf=1.529 | Enrch=3.63 | Dschg=1968 | WEST VALLEY |
| Nassy=2 burnup=1.45 | kinf=1.536 | Enrch=3.63 | Dschg=1968 | WEST VALLEY |
| Nassy=2 burnup=1.53 | kinf=1.535 | Enrch=3.63 | Dschg=1968 | WEST VALLEY |
| Nassy=1 burnup=6.38 | kinf=1.455 | Enrch=3.63 | Dschg=1969 | WEST VALLEY |
| Nassy=2 burnup=0.32 | kinf=1.314 | Enrch=2.13 | Dschg=1970 | GE MORRIS ( |
| Nassy=1 burnup=0.32 | kinf=1.315 | Enrch=2.13 | Dschg=1970 | GE MORRIS ( |
| Nassy=3 burnup=0.35 | kinf=1.314 | Enrch=2.13 | Dschg=1970 | GE MORRIS ( |
| Nassy=8 burnup=0.34 | kinf=1.314 | Enrch=2.13 | Dschg=1970 | GE MORRIS ( |
| Nassy=1 burnup=0.35 | kinf=1.314 | Enrch=2.13 | Dschg=1970 | GE MORRIS ( |
| Nassy=1 burnup=0.18 | kinf=1.317 | Enrch=2.13 | Dschg=1970 | GE MORRIS ( |
| Nassy=1 burnup=0.36 | kinf=1.314 | Enrch=2.13 | Dschg=1970 | GE MORRIS ( |
| Nassy=1 burnup=0.23 | kinf=1.317 | Enrch=2.13 | Dschg=1970 | GE MORRIS ( |
| Nassy=1 burnup=0.32 | kinf=1.314 | Enrch=2.13 | Dschg=1970 | GE MORRIS ( |
| Nassy=6 burnup=0.34 | kinf=1.315 | Enrch=2.13 | Dschg=1970 | GE MORRIS ( |
| Nassy=4 burnup=0.34 | kinf=1.315 | Enrch=2.13 | Dschg=1970 | GE MORRIS ( |
| Nassy=1 burnup=1.48 | kinf=1.297 | Enrch=2.13 | Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=0.86 | kinf=1.307 | Enrch=2.13 | Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.22 | kinf=1.301 | Enrch=2.13 | Dschg=1971 | GE MORRIS ( |

|                      |                                  |             |
|----------------------|----------------------------------|-------------|
| Nassy=7 burnup=1.63  | kinf=1.295 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.77  | kinf=1.260 Enrch=1.93 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.31  | kinf=1.299 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=6 burnup=1.86  | kinf=1.291 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=4 burnup=1.85  | kinf=1.257 Enrch=1.93 Dschg=1971 | GE MORRIS ( |
| Nassy=4 burnup=1.79  | kinf=1.292 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=8 burnup=1.74  | kinf=1.293 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=11 burnup=1.74 | kinf=1.293 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.34  | kinf=1.299 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.46  | kinf=1.270 Enrch=1.97 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.57  | kinf=1.267 Enrch=1.96 Dschg=1971 | GE MORRIS ( |
| Nassy=8 burnup=1.50  | kinf=1.297 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=5 burnup=1.76  | kinf=1.261 Enrch=1.94 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.23  | kinf=1.279 Enrch=2.00 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.31  | kinf=1.299 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=1.46  | kinf=1.298 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=6 burnup=1.48  | kinf=1.297 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.00  | kinf=1.305 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.00  | kinf=1.305 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=1.09  | kinf=1.303 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=4 burnup=1.27  | kinf=1.300 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=0.86  | kinf=1.307 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.28  | kinf=1.300 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=1.32  | kinf=1.275 Enrch=1.92 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.11  | kinf=1.302 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=5 burnup=1.42  | kinf=1.298 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=6 burnup=1.23  | kinf=1.301 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=11 burnup=1.34 | kinf=1.300 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=5 burnup=1.88  | kinf=1.291 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.15  | kinf=1.302 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.15  | kinf=1.302 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=8 burnup=1.44  | kinf=1.298 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=15 burnup=1.85 | kinf=1.291 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=5 burnup=1.85  | kinf=1.291 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=0.86  | kinf=1.291 Enrch=2.04 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.62  | kinf=1.265 Enrch=1.96 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.64  | kinf=1.264 Enrch=1.95 Dschg=1971 | GE MORRIS ( |
| Nassy=10 burnup=1.83 | kinf=1.292 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=15 burnup=1.83 | kinf=1.292 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=1.13  | kinf=1.303 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=24 burnup=1.63 | kinf=1.295 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=1.78  | kinf=1.260 Enrch=1.94 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=9.28  | kinf=1.410 Enrch=3.63 Dschg=1971 | WEST VALLEY |
| Nassy=1 burnup=4.99  | kinf=1.478 Enrch=3.63 Dschg=1971 | WEST VALLEY |
| Nassy=1 burnup=8.24  | kinf=1.426 Enrch=3.63 Dschg=1971 | WEST VALLEY |
| Nassy=1 burnup=9.23  | kinf=1.411 Enrch=3.63 Dschg=1971 | WEST VALLEY |
| Nassy=1 burnup=1.53  | kinf=1.318 Enrch=2.26 Dschg=1971 | DRESDEN     |
| Nassy=1 burnup=4.49  | kinf=1.250 Enrch=2.11 Dschg=1971 | OYSTER CRK  |
| Nassy=1 burnup=3.27  | kinf=1.212 Enrch=1.78 Dschg=1972 | GE MORRIS ( |
| Nassy=44 burnup=4.52 | kinf=1.253 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=16 burnup=4.52 | kinf=1.253 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=28 burnup=3.43 | kinf=1.269 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=8 burnup=3.43  | kinf=1.269 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=12 burnup=2.81 | kinf=1.227 Enrch=1.83 Dschg=1972 | GE MORRIS ( |
| Nassy=10 burnup=3.13 | kinf=1.217 Enrch=1.80 Dschg=1972 | GE MORRIS ( |
| Nassy=3 burnup=3.87  | kinf=1.195 Enrch=1.73 Dschg=1972 | GE MORRIS ( |
| Nassy=11 burnup=3.87 | kinf=1.195 Enrch=1.73 Dschg=1972 | GE MORRIS ( |
| Nassy=16 burnup=3.87 | kinf=1.195 Enrch=1.73 Dschg=1972 | GE MORRIS ( |
| Nassy=28 burnup=4.14 | kinf=1.258 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=6 burnup=4.14  | kinf=1.258 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=33 burnup=4.14 | kinf=1.258 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=5 burnup=4.62  | kinf=1.173 Enrch=1.67 Dschg=1972 | GE MORRIS ( |
| Nassy=9 burnup=4.62  | kinf=1.173 Enrch=1.67 Dschg=1972 | GE MORRIS ( |
| Nassy=13 burnup=3.39 | kinf=1.209 Enrch=1.77 Dschg=1972 | GE MORRIS ( |
| Nassy=1 burnup=3.34  | kinf=1.269 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=4 burnup=3.34  | kinf=1.269 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=5 burnup=4.77  | kinf=1.249 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=5 burnup=3.84  | kinf=1.195 Enrch=1.73 Dschg=1972 | GE MORRIS ( |
| Nassy=1 burnup=3.28  | kinf=1.271 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=1 burnup=2.73  | kinf=1.279 Enrch=2.13 Dschg=1972 | GE MORRIS ( |

|                      |                                  |             |
|----------------------|----------------------------------|-------------|
| Nassy=5 burnup=4.69  | kinf=1.250 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=18 burnup=4.69 | kinf=1.250 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=22 burnup=4.31 | kinf=1.182 Enrch=1.69 Dschg=1972 | GE MORRIS ( |
| Nassy=1 burnup=4.31  | kinf=1.182 Enrch=1.69 Dschg=1972 | GE MORRIS ( |
| Nassy=3 burnup=3.12  | kinf=1.273 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=7 burnup=3.12  | kinf=1.273 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=13 burnup=3.60 | kinf=1.203 Enrch=1.76 Dschg=1972 | GE MORRIS ( |
| Nassy=4 burnup=2.84  | kinf=1.277 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=20 burnup=4.38 | kinf=1.254 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=13 burnup=4.38 | kinf=1.254 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=22 burnup=4.38 | kinf=1.254 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=3 burnup=3.91  | kinf=1.261 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=6 burnup=3.79  | kinf=1.263 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=15 burnup=3.79 | kinf=1.263 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=15 burnup=3.77 | kinf=1.264 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=14 burnup=3.77 | kinf=1.264 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=30 burnup=3.77 | kinf=1.264 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=14 burnup=4.39 | kinf=1.179 Enrch=1.68 Dschg=1972 | GE MORRIS ( |
| Nassy=3 burnup=4.39  | kinf=1.179 Enrch=1.68 Dschg=1972 | GE MORRIS ( |
| Nassy=7 burnup=4.39  | kinf=1.179 Enrch=1.68 Dschg=1972 | GE MORRIS ( |
| Nassy=14 burnup=4.64 | kinf=1.172 Enrch=1.66 Dschg=1972 | GE MORRIS ( |
| Nassy=1 burnup=8.59  | kinf=1.421 Enrch=3.63 Dschg=1972 | WEST VALLEY |
| Nassy=1 burnup=9.12  | kinf=1.413 Enrch=3.63 Dschg=1972 | WEST VALLEY |
| Nassy=1 burnup=8.73  | kinf=1.419 Enrch=3.63 Dschg=1972 | WEST VALLEY |
| Nassy=2 burnup=4.86  | kinf=1.239 Enrch=2.08 Dschg=1972 | MILLSTONE   |
| Nassy=4 burnup=6.45  | kinf=1.454 Enrch=3.63 Dschg=1973 | WEST VALLEY |
| Nassy=1 burnup=8.75  | kinf=1.418 Enrch=3.63 Dschg=1973 | WEST VALLEY |
| Nassy=1 burnup=7.35  | kinf=1.440 Enrch=3.63 Dschg=1973 | WEST VALLEY |
| Nassy=1 burnup=3.88  | kinf=1.262 Enrch=2.13 Dschg=1973 | DRESDEN     |
| Nassy=2 burnup=4.96  | kinf=1.246 Enrch=2.13 Dschg=1973 | DRESDEN     |
| Nassy=1 burnup=1.05  | kinf=1.365 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=3 burnup=0.97  | kinf=1.366 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=5 burnup=4.32  | kinf=1.315 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=1 burnup=0.99  | kinf=1.366 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=7 burnup=4.39  | kinf=1.315 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=7 burnup=4.39  | kinf=1.315 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=7 burnup=4.39  | kinf=1.315 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=2 burnup=4.00  | kinf=1.320 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=5 burnup=4.05  | kinf=1.320 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=4 burnup=1.16  | kinf=1.364 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=6 burnup=4.66  | kinf=1.311 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=1 burnup=0.99  | kinf=1.366 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=1 burnup=4.69  | kinf=1.310 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=2 burnup=9.23  | kinf=1.411 Enrch=3.63 Dschg=1973 | LACROSSE    |
| Nassy=2 burnup=9.23  | kinf=1.411 Enrch=3.63 Dschg=1973 | LACROSSE    |
| Nassy=1 burnup=8.77  | kinf=1.418 Enrch=3.63 Dschg=1973 | LACROSSE    |
| Nassy=4 burnup=9.10  | kinf=1.413 Enrch=3.63 Dschg=1973 | LACROSSE    |
| Nassy=1 burnup=3.97  | kinf=1.271 Enrch=2.19 Dschg=1973 | PILGRIM     |
| Nassy=1 burnup=2.63  | kinf=1.290 Enrch=2.19 Dschg=1973 | PILGRIM     |
| Nassy=1 burnup=8.95  | kinf=1.415 Enrch=3.63 Dschg=1974 | WEST VALLEY |
| Nassy=1 burnup=8.15  | kinf=1.428 Enrch=3.63 Dschg=1974 | WEST VALLEY |
| Nassy=5 burnup=4.95  | kinf=1.306 Enrch=2.50 Dschg=1974 | VT YANKEE   |
| Nassy=3 burnup=4.95  | kinf=1.306 Enrch=2.50 Dschg=1974 | VT YANKEE   |
| Nassy=1 burnup=7.57  | kinf=1.476 Enrch=3.92 Dschg=1975 | LACROSSE    |
| Nassy=1 burnup=3.71  | kinf=1.263 Enrch=2.12 Dschg=1975 | DUANE ARNOL |
| Nassy=1 burnup=3.78  | kinf=1.280 Enrch=2.23 Dschg=1975 | DRESDEN     |
| Nassy=1 burnup=2.90  | kinf=1.273 Enrch=2.11 Dschg=1976 | BRUNSWICK   |
| Nassy=1 burnup=3.30  | kinf=1.267 Enrch=2.11 Dschg=1976 | BRUNSWICK   |
| Nassy=2 burnup=2.43  | kinf=1.105 Enrch=1.11 Dschg=1976 | BRUNSWICK   |
| Nassy=2 burnup=3.05  | kinf=1.320 Enrch=2.41 Dschg=1976 | HUMBOLDT BA |
| Nassy=2 burnup=3.30  | kinf=1.315 Enrch=2.40 Dschg=1976 | HUMBOLDT BA |
| Nassy=4 burnup=2.43  | kinf=1.329 Enrch=2.41 Dschg=1976 | HUMBOLDT BA |
| Nassy=2 burnup=2.69  | kinf=1.325 Enrch=2.41 Dschg=1976 | HUMBOLDT BA |
| Nassy=2 burnup=3.89  | kinf=1.308 Enrch=2.41 Dschg=1976 | HUMBOLDT BA |
| Nassy=2 burnup=4.34  | kinf=1.301 Enrch=2.41 Dschg=1976 | HUMBOLDT BA |
| Nassy=1 burnup=1.31  | kinf=1.346 Enrch=2.41 Dschg=1976 | HUMBOLDT BA |
| Nassy=1 burnup=12.04 | kinf=1.407 Enrch=3.92 Dschg=1977 | LACROSSE    |
| Nassy=1 burnup=12.30 | kinf=1.403 Enrch=3.93 Dschg=1977 | LACROSSE    |
| Nassy=1 burnup=7.61  | kinf=1.476 Enrch=3.92 Dschg=1977 | LACROSSE    |
| Nassy=1 burnup=12.42 | kinf=1.401 Enrch=3.92 Dschg=1977 | LACROSSE    |

|                      |                                  |             |
|----------------------|----------------------------------|-------------|
| Nassy=5 burnup=3.65  | kinf=1.282 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=2 burnup=3.35  | kinf=1.287 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=4 burnup=3.35  | kinf=1.287 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=2 burnup=3.08  | kinf=1.291 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=4 burnup=4.00  | kinf=1.277 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=21 burnup=4.97 | kinf=1.263 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=5 burnup=4.97  | kinf=1.263 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=1 burnup=4.53  | kinf=1.269 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=22 burnup=4.53 | kinf=1.269 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=4 burnup=3.58  | kinf=1.019 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=16 burnup=1.89 | kinf=1.041 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=3 burnup=2.53  | kinf=1.032 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=5 burnup=2.53  | kinf=1.032 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=20 burnup=2.53 | kinf=1.032 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=16 burnup=2.83 | kinf=1.028 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=3 burnup=4.31  | kinf=1.009 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=5 burnup=4.31  | kinf=1.009 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=4 burnup=3.00  | kinf=1.026 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=8 burnup=3.15  | kinf=1.024 Enrch=0.72 Dschg=1985 | SUSQUEHANNA |
| Nassy=8 burnup=4.11  | kinf=1.012 Enrch=0.72 Dschg=1985 | SUSQUEHANNA |
| Nassy=16 burnup=4.71 | kinf=1.004 Enrch=0.72 Dschg=1985 | SUSQUEHANNA |
| Nassy=29 burnup=4.71 | kinf=1.004 Enrch=0.72 Dschg=1985 | SUSQUEHANNA |
| Nassy=3 burnup=4.71  | kinf=1.004 Enrch=0.72 Dschg=1985 | SUSQUEHANNA |
| Nassy=8 burnup=2.96  | kinf=1.027 Enrch=0.72 Dschg=1985 | SUSQUEHANNA |
| Nassy=4 burnup=3.14  | kinf=1.024 Enrch=0.72 Dschg=1985 | LASALLE     |
| Nassy=8 burnup=4.86  | kinf=1.003 Enrch=0.72 Dschg=1985 | LASALLE     |
| Nassy=6 burnup=2.92  | kinf=1.027 Enrch=0.72 Dschg=1985 | LASALLE     |
| Nassy=2 burnup=2.92  | kinf=1.027 Enrch=0.72 Dschg=1985 | LASALLE     |
| Nassy=8 burnup=3.41  | kinf=1.021 Enrch=0.72 Dschg=1985 | LASALLE     |
| Nassy=18 burnup=4.08 | kinf=1.012 Enrch=0.72 Dschg=1985 | LASALLE     |
| Nassy=30 burnup=3.91 | kinf=1.015 Enrch=0.72 Dschg=1985 | LASALLE     |
| Nassy=8 burnup=2.64  | kinf=1.031 Enrch=0.72 Dschg=1985 | LASALLE     |
| Nassy=8 burnup=2.22  | kinf=1.038 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=14 burnup=2.86 | kinf=1.030 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=8 burnup=3.07  | kinf=1.027 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=1 burnup=2.65  | kinf=1.033 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=30 burnup=2.65 | kinf=1.033 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=11 burnup=2.65 | kinf=1.033 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=16 burnup=1.77 | kinf=1.044 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=1 burnup=3.28  | kinf=1.024 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=3 burnup=3.28  | kinf=1.024 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=26 burnup=4.17 | kinf=1.013 Enrch=0.73 Dschg=1986 | SUSQUEHANNA |
| Nassy=8 burnup=3.09  | kinf=1.026 Enrch=0.73 Dschg=1986 | SUSQUEHANNA |
| Nassy=2 burnup=2.76  | kinf=1.030 Enrch=0.72 Dschg=1986 | SUSQUEHANNA |
| Nassy=6 burnup=2.76  | kinf=1.030 Enrch=0.72 Dschg=1986 | SUSQUEHANNA |
| Nassy=12 burnup=3.50 | kinf=1.020 Enrch=0.72 Dschg=1986 | SUSQUEHANNA |
| Nassy=7 burnup=3.98  | kinf=1.015 Enrch=0.73 Dschg=1986 | SUSQUEHANNA |
| Nassy=15 burnup=3.98 | kinf=1.015 Enrch=0.73 Dschg=1986 | SUSQUEHANNA |
| Nassy=2 burnup=4.00  | kinf=1.013 Enrch=0.72 Dschg=1987 | LASALLE     |
| Nassy=4 burnup=4.00  | kinf=1.013 Enrch=0.72 Dschg=1987 | LASALLE     |
| Nassy=44 burnup=4.00 | kinf=1.013 Enrch=0.72 Dschg=1987 | LASALLE     |
| Nassy=13 burnup=4.00 | kinf=1.013 Enrch=0.72 Dschg=1987 | LASALLE     |
| Nassy=28 burnup=4.00 | kinf=1.013 Enrch=0.72 Dschg=1987 | LASALLE     |
| Nassy=1 burnup=4.00  | kinf=1.013 Enrch=0.72 Dschg=1987 | LASALLE     |
| Nassy=1 burnup=5.00  | kinf=1.487 Enrch=3.70 Dschg=1987 | LACROSSE    |
| Nassy=6 burnup=5.00  | kinf=1.487 Enrch=3.70 Dschg=1987 | LACROSSE    |
| Nassy=9 burnup=5.00  | kinf=1.487 Enrch=3.70 Dschg=1987 | LACROSSE    |
| Nassy=7 burnup=5.00  | kinf=1.487 Enrch=3.70 Dschg=1987 | LACROSSE    |
| Nassy=1 burnup=5.00  | kinf=1.488 Enrch=3.71 Dschg=1987 | LACROSSE    |
| Nassy=18 burnup=3.00 | kinf=1.026 Enrch=0.72 Dschg=1987 | RVR BEND    |
| Nassy=16 burnup=3.00 | kinf=1.026 Enrch=0.72 Dschg=1987 | RVR BEND    |
| Nassy=28 burnup=3.00 | kinf=1.026 Enrch=0.72 Dschg=1987 | RVR BEND    |
| Nassy=14 burnup=3.00 | kinf=1.026 Enrch=0.72 Dschg=1987 | RVR BEND    |
| Nassy=31 burnup=3.00 | kinf=1.028 Enrch=0.73 Dschg=1988 | NOPE CREEK  |
| Nassy=1 burnup=3.00  | kinf=1.028 Enrch=0.73 Dschg=1988 | NOPE CREEK  |
| Nassy=44 burnup=3.00 | kinf=1.026 Enrch=0.72 Dschg=1989 | CLINTON     |
| Nassy=32 burnup=3.00 | kinf=1.026 Enrch=0.72 Dschg=1989 | CLINTON     |
| Nassy=8 burnup=3.00  | kinf=1.026 Enrch=0.72 Dschg=1989 | ENRICO FERM |
| Nassy=25 burnup=3.00 | kinf=1.026 Enrch=0.72 Dschg=1989 | ENRICO FERM |
| Nassy=19 burnup=3.00 | kinf=1.026 Enrch=0.72 Dschg=1989 | ENRICO FERM |

Nassy=25 burnup=3.00 kinf=1.026 Enrch=0.72 Dschg=1989 ENRICO FERM  
Nassy=15 burnup=3.00 kinf=1.026 Enrch=0.72 Dschg=1989 ENRICO FERM  
Nassy=17 burnup=4.00 kinf=1.013 Enrch=0.72 Dschg=1990 NINE MILE P  
Nassy=11 burnup=4.00 kinf=1.013 Enrch=0.72 Dschg=1990 NINE MILE P  
Nassy=33 burnup=4.00 kinf=1.013 Enrch=0.72 Dschg=1990 NINE MILE P  
Nassy=11 burnup=4.00 kinf=1.013 Enrch=0.72 Dschg=1990 NINE MILE P  
Nassy=20 burnup=4.00 kinf=1.013 Enrch=0.72 Dschg=1990 NINE MILE P  
Nassy=4 burnup=3.00 kinf=1.026 Enrch=0.72 Dschg=1991 SUSQUEHANNA  
Nassy=36 burnup=3.00 kinf=1.026 Enrch=0.72 Dschg=1991 LINERICK  
Nassy=44 burnup=3.00 kinf=1.026 Enrch=0.72 Dschg=1991 LINERICK  
Nassy=12 burnup=3.00 kinf=1.026 Enrch=0.72 Dschg=1991 LINERICK  
Nassy=1 burnup=1.97 kinf=1.483 Enrch=3.34 Dschg=1994 RVR BEND  
age=9 , mass= 7.396000  
age=9 , mass= 0.172000  
Nassy=29 burnup=7.19 kinf=1.402 Enrch=3.35 Dschg=2009 NINE MILE P  
Nassy=8 burnup=7.19 kinf=1.402 Enrch=3.35 Dschg=2009 NINE MILE P  
Nassy=36 burnup=7.19 kinf=1.402 Enrch=3.35 Dschg=2009 NINE MILE P  
Nassy=8 burnup=7.19 kinf=1.402 Enrch=3.35 Dschg=2009 NINE MILE P  
Nassy=36 burnup=7.19 kinf=1.402 Enrch=3.35 Dschg=2009 NINE MILE P  
Nassy=8 burnup=7.19 kinf=1.402 Enrch=3.35 Dschg=2009 NINE MILE P  
Nassy=36 burnup=7.19 kinf=1.402 Enrch=3.35 Dschg=2009 NINE MILE P  
Nassy=8 burnup=7.19 kinf=1.402 Enrch=3.35 Dschg=2009 NINE MILE P  
Nassy=7 burnup=7.19 kinf=1.402 Enrch=3.35 Dschg=2009 NINE MILE P  
Nassy=24 burnup=7.59 kinf=1.400 Enrch=3.38 Dschg=2009 OYSTER CRK  
Nassy=16 burnup=7.59 kinf=1.400 Enrch=3.38 Dschg=2009 OYSTER CRK  
Nassy=28 burnup=7.59 kinf=1.400 Enrch=3.38 Dschg=2009 OYSTER CRK  
Nassy=12 burnup=7.59 kinf=1.400 Enrch=3.38 Dschg=2009 OYSTER CRK  
Nassy=176 burnup=8.57 kinf=1.410 Enrch=3.56 Dschg=2012 PILGRIM  
Nassy=13 burnup=8.57 kinf=1.410 Enrch=3.56 Dschg=2012 PILGRIM  
Nassy=3 burnup=8.57 kinf=1.410 Enrch=3.56 Dschg=2012 PILGRIM

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INPUT FILE LISTING:  
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| #bins | Input_file | Output_file | Case_title         | Last_delivery |
|-------|------------|-------------|--------------------|---------------|
| 0     | case6.wsm  | case6.out   | W6:off_2dpc_isf_63 | 2045          |
| Type  | Cap        | Nmin        | Hmax               | Kmin          |
|       |            |             |                    | Kmax          |

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OUTPUT FILE LISTING:  
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W6:off\_2dpc\_isf\_63  
Standard Table

BWR Heat Percentiles

| Watts/Assy | Assy | Cum Assy | Percent |
|------------|------|----------|---------|
| 10         | 632  | 632      | 0.51    |
| 20         | 1395 | 2027     | 1.62    |
| 30         | 1645 | 3672     | 2.94    |
| 40         | 2403 | 6075     | 4.86    |
| 50         | 2705 | 8780     | 7.02    |
| 60         | 3140 | 11920    | 9.53    |
| 70         | 4045 | 15965    | 12.76   |
| 80         | 6432 | 22397    | 17.91   |
| 90         | 8618 | 31015    | 24.80   |
| 100        | 8048 | 39063    | 31.23   |
| 110        | 5142 | 44205    | 35.34   |
| 120        | 3131 | 47336    | 37.84   |
| 130        | 2573 | 49909    | 39.90   |
| 140        | 3614 | 53523    | 42.79   |
| 150        | 3499 | 57022    | 45.59   |
| 160        | 3059 | 60081    | 48.03   |
| 170        | 2475 | 62556    | 50.01   |
| 180        | 2289 | 64845    | 51.84   |
| 190        | 2692 | 67537    | 53.99   |
| 200        | 4386 | 71923    | 57.50   |
| 210        | 3046 | 74969    | 59.93   |
| 220        | 3035 | 78004    | 62.36   |
| 230        | 4561 | 82565    | 66.01   |
| 240        | 4413 | 86978    | 69.54   |
| 250        | 4852 | 91830    | 73.41   |
| 260        | 4727 | 96557    | 77.19   |
| 270        | 4994 | 101551   | 81.19   |
| 280        | 5252 | 106803   | 85.39   |
| 290        | 4840 | 111643   | 89.25   |
| 300        | 3168 | 114811   | 91.79   |
| 310        | 3193 | 118004   | 94.34   |
| 320        | 1840 | 119844   | 95.81   |
| 330        | 1931 | 121775   | 97.35   |
| 340        | 1759 | 123534   | 98.76   |
| 350        | 1080 | 124614   | 99.62   |
| 360        | 470  | 125084   | 100.00  |
| 370        | 0    | 125084   | 100.00  |
| 380        | 0    | 125084   | 100.00  |
| 390        | 0    | 125084   | 100.00  |
| 400        | 0    | 125084   | 100.00  |
| 410        | 0    | 125084   | 100.00  |
| 420        | 0    | 125084   | 100.00  |
| 430        | 0    | 125084   | 100.00  |
| 440        | 0    | 125084   | 100.00  |
| 450        | 0    | 125084   | 100.00  |
| 460        | 0    | 125084   | 100.00  |
| 470        | 0    | 125084   | 100.00  |
| 480        | 0    | 125084   | 100.00  |
| 490        | 0    | 125084   | 100.00  |
| 500        | 0    | 125084   | 100.00  |
| 510        | 0    | 125084   | 100.00  |
| 520        | 0    | 125084   | 100.00  |
| 530        | 0    | 125084   | 100.00  |
| 540        | 0    | 125084   | 100.00  |
| 550        | 0    | 125084   | 100.00  |

|       |   |        |        |
|-------|---|--------|--------|
| 560   | 0 | 125084 | 100.00 |
| 570   | 0 | 125084 | 100.00 |
| 580   | 0 | 125084 | 100.00 |
| 590   | 0 | 125084 | 100.00 |
| 600   | 0 | 125084 | 100.00 |
| 610   | 0 | 125084 | 100.00 |
| 620   | 0 | 125084 | 100.00 |
| 630   | 0 | 125084 | 100.00 |
| 640   | 0 | 125084 | 100.00 |
| 650   | 0 | 125084 | 100.00 |
| 660   | 0 | 125084 | 100.00 |
| 670   | 0 | 125084 | 100.00 |
| 680   | 0 | 125084 | 100.00 |
| 690   | 0 | 125084 | 100.00 |
| 700   | 0 | 125084 | 100.00 |
| 710   | 0 | 125084 | 100.00 |
| 720   | 0 | 125084 | 100.00 |
| 730   | 0 | 125084 | 100.00 |
| 740   | 0 | 125084 | 100.00 |
| 750   | 0 | 125084 | 100.00 |
| 760   | 0 | 125084 | 100.00 |
| 770   | 0 | 125084 | 100.00 |
| 780   | 0 | 125084 | 100.00 |
| 790   | 0 | 125084 | 100.00 |
| 800   | 0 | 125084 | 100.00 |
| 810   | 0 | 125084 | 100.00 |
| 820   | 0 | 125084 | 100.00 |
| 830   | 0 | 125084 | 100.00 |
| 840   | 0 | 125084 | 100.00 |
| 850   | 0 | 125084 | 100.00 |
| 860   | 0 | 125084 | 100.00 |
| 870   | 0 | 125084 | 100.00 |
| 880   | 0 | 125084 | 100.00 |
| 890   | 0 | 125084 | 100.00 |
| 900   | 0 | 125084 | 100.00 |
| 910   | 0 | 125084 | 100.00 |
| 920   | 0 | 125084 | 100.00 |
| 930   | 0 | 125084 | 100.00 |
| 940   | 0 | 125084 | 100.00 |
| 950   | 0 | 125084 | 100.00 |
| 960   | 0 | 125084 | 100.00 |
| 970   | 0 | 125084 | 100.00 |
| 980   | 0 | 125084 | 100.00 |
| 990   | 0 | 125084 | 100.00 |
| Above | 0 | 125084 | 100.00 |

BWR Kinf Percentiles

| Kinf  | Assy | CumAssy | Percent |
|-------|------|---------|---------|
| 0.760 | 0    | 0       | 0.00    |
| 0.770 | 0    | 0       | 0.00    |
| 0.780 | 0    | 0       | 0.00    |
| 0.790 | 0    | 0       | 0.00    |
| 0.800 | 0    | 0       | 0.00    |
| 0.810 | 12   | 12      | 0.01    |
| 0.820 | 0    | 12      | 0.01    |
| 0.830 | 16   | 28      | 0.02    |
| 0.840 | 0    | 28      | 0.02    |
| 0.850 | 9    | 37      | 0.03    |
| 0.860 | 114  | 151     | 0.12    |
| 0.870 | 0    | 151     | 0.12    |
| 0.880 | 0    | 151     | 0.12    |
| 0.890 | 0    | 151     | 0.12    |
| 0.900 | 191  | 342     | 0.27    |
| 0.910 | 61   | 403     | 0.32    |
| 0.920 | 579  | 982     | 0.79    |
| 0.930 | 636  | 1618    | 1.29    |
| 0.940 | 1111 | 2729    | 2.18    |
| 0.950 | 1163 | 3892    | 3.11    |
| 0.960 | 1824 | 5716    | 4.57    |

|       |       |        |        |
|-------|-------|--------|--------|
| 0.970 | 3084  | 8800   | 7.04   |
| 0.980 | 9153  | 17953  | 14.35  |
| 0.990 | 5064  | 23017  | 18.40  |
| 1.000 | 7068  | 30085  | 24.05  |
| 1.010 | 9051  | 39136  | 31.29  |
| 1.020 | 13092 | 52228  | 41.75  |
| 1.030 | 12000 | 64228  | 51.35  |
| 1.040 | 16613 | 80841  | 64.63  |
| 1.050 | 8509  | 89350  | 71.43  |
| 1.060 | 8937  | 98287  | 78.58  |
| 1.070 | 5352  | 103639 | 82.86  |
| 1.080 | 3248  | 106887 | 85.45  |
| 1.090 | 3476  | 110363 | 88.23  |
| 1.100 | 1904  | 112267 | 89.75  |
| 1.110 | 1061  | 113328 | 90.60  |
| 1.120 | 2111  | 115439 | 92.29  |
| 1.130 | 459   | 115898 | 92.66  |
| 1.140 | 1307  | 117205 | 93.70  |
| 1.150 | 493   | 117698 | 94.10  |
| 1.160 | 781   | 118479 | 94.72  |
| 1.170 | 458   | 118937 | 95.09  |
| 1.180 | 569   | 119506 | 95.54  |
| 1.190 | 190   | 119696 | 95.69  |
| 1.200 | 226   | 119922 | 95.87  |
| 1.210 | 289   | 120211 | 96.10  |
| 1.220 | 240   | 120451 | 96.30  |
| 1.230 | 122   | 120573 | 96.39  |
| 1.240 | 243   | 120816 | 96.59  |
| 1.250 | 413   | 121229 | 96.92  |
| 1.260 | 671   | 121900 | 97.45  |
| 1.270 | 255   | 122155 | 97.66  |
| 1.280 | 69    | 122224 | 97.71  |
| 1.290 | 263   | 122487 | 97.92  |
| 1.300 | 366   | 122853 | 98.22  |
| 1.310 | 165   | 123018 | 98.35  |
| 1.320 | 100   | 123118 | 98.43  |
| 1.330 | 332   | 123450 | 98.69  |
| 1.340 | 205   | 123655 | 98.86  |
| 1.350 | 79    | 123734 | 98.92  |
| 1.360 | 35    | 123769 | 98.95  |
| 1.370 | 65    | 123834 | 99.00  |
| 1.380 | 588   | 124422 | 99.47  |
| 1.390 | 133   | 124555 | 99.58  |
| 1.400 | 19    | 124574 | 99.59  |
| 1.410 | 451   | 125025 | 99.95  |
| 1.420 | 16    | 125041 | 99.97  |
| 1.430 | 3     | 125044 | 99.97  |
| 1.440 | 0     | 125044 | 99.97  |
| 1.450 | 1     | 125045 | 99.97  |
| 1.460 | 5     | 125050 | 99.97  |
| 1.470 | 1     | 125051 | 99.97  |
| 1.480 | 3     | 125054 | 99.98  |
| 1.490 | 25    | 125079 | 100.00 |
| 1.500 | 0     | 125079 | 100.00 |
| 1.510 | 0     | 125079 | 100.00 |
| 1.520 | 0     | 125079 | 100.00 |
| 1.530 | 1     | 125080 | 100.00 |
| 1.540 | 4     | 125084 | 100.00 |
| 1.550 | 0     | 125084 | 100.00 |
| 1.560 | 0     | 125084 | 100.00 |
| 1.570 | 0     | 125084 | 100.00 |
| 1.580 | 0     | 125084 | 100.00 |
| 1.590 | 0     | 125084 | 100.00 |
| Above | 0     | 125084 | 100.00 |

PWR Heat Percentiles

| Watts/Assy | Assy | Cum Assy | Percent |
|------------|------|----------|---------|
| 10         | 28   | 28       | 0.03    |
| 20         | 15   | 43       | 0.05    |

|     |      |       |       |
|-----|------|-------|-------|
| 30  | 22   | 65    | 0.07  |
| 40  | 82   | 147   | 0.16  |
| 50  | 82   | 229   | 0.24  |
| 60  | 114  | 343   | 0.36  |
| 70  | 139  | 482   | 0.51  |
| 80  | 162  | 644   | 0.68  |
| 90  | 244  | 888   | 0.94  |
| 100 | 357  | 1245  | 1.32  |
| 110 | 446  | 1691  | 1.79  |
| 120 | 435  | 2126  | 2.25  |
| 130 | 778  | 2904  | 3.07  |
| 140 | 768  | 3672  | 3.88  |
| 150 | 793  | 4465  | 4.72  |
| 160 | 1047 | 5512  | 5.83  |
| 170 | 803  | 6315  | 6.67  |
| 180 | 783  | 7098  | 7.50  |
| 190 | 1078 | 8176  | 8.64  |
| 200 | 1151 | 9327  | 9.86  |
| 210 | 1180 | 10507 | 11.10 |
| 220 | 1680 | 12187 | 12.88 |
| 230 | 1558 | 13745 | 14.53 |
| 240 | 1983 | 15728 | 16.62 |
| 250 | 1914 | 17642 | 18.65 |
| 260 | 1740 | 19382 | 20.48 |
| 270 | 1819 | 21201 | 22.41 |
| 280 | 1652 | 22853 | 24.15 |
| 290 | 1845 | 24698 | 26.10 |
| 300 | 1313 | 26011 | 27.49 |
| 310 | 1617 | 27628 | 29.20 |
| 320 | 1819 | 29447 | 31.12 |
| 330 | 1574 | 31021 | 32.79 |
| 340 | 1339 | 32360 | 34.20 |
| 350 | 1507 | 33867 | 35.79 |
| 360 | 1082 | 34949 | 36.94 |
| 370 | 1005 | 35954 | 38.00 |
| 380 | 1277 | 37231 | 39.35 |
| 390 | 1179 | 38410 | 40.60 |
| 400 | 1305 | 39715 | 41.97 |
| 410 | 1343 | 41058 | 43.39 |
| 420 | 1630 | 42688 | 45.12 |
| 430 | 1346 | 44034 | 46.54 |
| 440 | 1663 | 45697 | 48.30 |
| 450 | 1251 | 46948 | 49.62 |
| 460 | 1653 | 48601 | 51.37 |
| 470 | 1832 | 50433 | 53.30 |
| 480 | 1481 | 51914 | 54.87 |
| 490 | 1228 | 53142 | 56.17 |
| 500 | 1506 | 54648 | 57.76 |
| 510 | 1172 | 55820 | 59.00 |
| 520 | 1737 | 57557 | 60.83 |
| 530 | 1404 | 58961 | 62.32 |
| 540 | 1034 | 59995 | 63.41 |
| 550 | 1606 | 61601 | 65.11 |
| 560 | 1122 | 62723 | 66.29 |
| 570 | 1372 | 64095 | 67.74 |
| 580 | 1160 | 65255 | 68.97 |
| 590 | 1312 | 66567 | 70.35 |
| 600 | 2078 | 68645 | 72.55 |
| 610 | 1800 | 70445 | 74.45 |
| 620 | 1658 | 72103 | 76.21 |
| 630 | 1638 | 73741 | 77.94 |
| 640 | 1460 | 75201 | 79.48 |
| 650 | 1253 | 76454 | 80.80 |
| 660 | 1543 | 77997 | 82.44 |
| 670 | 1261 | 79258 | 83.77 |
| 680 | 1295 | 80553 | 85.14 |
| 690 | 2221 | 82774 | 87.48 |
| 700 | 2276 | 85050 | 89.89 |
| 710 | 1895 | 86945 | 91.89 |
| 720 | 574  | 87519 | 92.50 |

|      |     |       |        |
|------|-----|-------|--------|
| 730  | 674 | 88193 | 93.21  |
| 740  | 525 | 88718 | 93.77  |
| 750  | 589 | 89307 | 94.39  |
| 760  | 479 | 89786 | 94.90  |
| 770  | 771 | 90557 | 95.71  |
| 780  | 710 | 91267 | 96.46  |
| 790  | 287 | 91554 | 96.76  |
| 800  | 452 | 92006 | 97.24  |
| 810  | 480 | 92486 | 97.75  |
| 820  | 438 | 92924 | 98.21  |
| 830  | 290 | 93214 | 98.52  |
| 840  | 196 | 93410 | 98.73  |
| 850  | 166 | 93576 | 98.90  |
| 860  | 239 | 93815 | 99.15  |
| 870  | 99  | 93914 | 99.26  |
| 880  | 35  | 93949 | 99.30  |
| 890  | 35  | 93984 | 99.33  |
| 900  | 146 | 94130 | 99.49  |
| 910  | 71  | 94201 | 99.56  |
| 920  | 53  | 94254 | 99.62  |
| 930  | 47  | 94301 | 99.67  |
| 940  | 4   | 94305 | 99.67  |
| 950  | 52  | 94357 | 99.73  |
| 960  | 39  | 94396 | 99.77  |
| 970  | 34  | 94430 | 99.80  |
| 980  | 45  | 94475 | 99.85  |
| 990  | 1   | 94476 | 99.85  |
| 1000 | 96  | 94572 | 99.95  |
| 1010 | 0   | 94572 | 99.95  |
| 1020 | 0   | 94572 | 99.95  |
| 1030 | 0   | 94572 | 99.95  |
| 1040 | 16  | 94588 | 99.97  |
| 1050 | 0   | 94588 | 99.97  |
| 1060 | 14  | 94602 | 99.99  |
| 1070 | 0   | 94602 | 99.99  |
| 1080 | 0   | 94602 | 99.99  |
| 1090 | 0   | 94602 | 99.99  |
| 1100 | 0   | 94602 | 99.99  |
| 1110 | 0   | 94602 | 99.99  |
| 1120 | 14  | 94616 | 100.00 |
| 1130 | 0   | 94616 | 100.00 |
| 1140 | 0   | 94616 | 100.00 |
| 1150 | 0   | 94616 | 100.00 |
| 1160 | 0   | 94616 | 100.00 |
| 1170 | 0   | 94616 | 100.00 |
| 1180 | 0   | 94616 | 100.00 |
| 1190 | 0   | 94616 | 100.00 |
| 1200 | 0   | 94616 | 100.00 |
| 1210 | 0   | 94616 | 100.00 |
| 1220 | 0   | 94616 | 100.00 |
| 1230 | 0   | 94616 | 100.00 |
| 1240 | 0   | 94616 | 100.00 |
| 1250 | 0   | 94616 | 100.00 |
| 1260 | 0   | 94616 | 100.00 |
| 1270 | 0   | 94616 | 100.00 |
| 1280 | 0   | 94616 | 100.00 |
| 1290 | 0   | 94616 | 100.00 |
| 1300 | 0   | 94616 | 100.00 |
| 1310 | 0   | 94616 | 100.00 |
| 1320 | 0   | 94616 | 100.00 |
| 1330 | 0   | 94616 | 100.00 |
| 1340 | 0   | 94616 | 100.00 |
| 1350 | 0   | 94616 | 100.00 |
| 1360 | 0   | 94616 | 100.00 |
| 1370 | 0   | 94616 | 100.00 |
| 1380 | 0   | 94616 | 100.00 |
| 1390 | 0   | 94616 | 100.00 |
| 1400 | 0   | 94616 | 100.00 |
| 1410 | 0   | 94616 | 100.00 |
| 1420 | 0   | 94616 | 100.00 |

|       |   |       |        |
|-------|---|-------|--------|
| 1430  | 0 | 94616 | 100.00 |
| 1440  | 0 | 94616 | 100.00 |
| 1450  | 0 | 94616 | 100.00 |
| 1460  | 0 | 94616 | 100.00 |
| 1470  | 0 | 94616 | 100.00 |
| 1480  | 0 | 94616 | 100.00 |
| 1490  | 0 | 94616 | 100.00 |
| 1500  | 0 | 94616 | 100.00 |
| 1510  | 0 | 94616 | 100.00 |
| 1520  | 0 | 94616 | 100.00 |
| 1530  | 0 | 94616 | 100.00 |
| 1540  | 0 | 94616 | 100.00 |
| 1550  | 0 | 94616 | 100.00 |
| 1560  | 0 | 94616 | 100.00 |
| 1570  | 0 | 94616 | 100.00 |
| 1580  | 0 | 94616 | 100.00 |
| 1590  | 0 | 94616 | 100.00 |
| 1600  | 0 | 94616 | 100.00 |
| 1610  | 0 | 94616 | 100.00 |
| 1620  | 0 | 94616 | 100.00 |
| 1630  | 0 | 94616 | 100.00 |
| 1640  | 0 | 94616 | 100.00 |
| 1650  | 0 | 94616 | 100.00 |
| 1660  | 0 | 94616 | 100.00 |
| 1670  | 0 | 94616 | 100.00 |
| 1680  | 0 | 94616 | 100.00 |
| 1690  | 0 | 94616 | 100.00 |
| 1700  | 0 | 94616 | 100.00 |
| 1710  | 0 | 94616 | 100.00 |
| 1720  | 0 | 94616 | 100.00 |
| 1730  | 0 | 94616 | 100.00 |
| 1740  | 0 | 94616 | 100.00 |
| 1750  | 0 | 94616 | 100.00 |
| 1760  | 0 | 94616 | 100.00 |
| 1770  | 0 | 94616 | 100.00 |
| 1780  | 0 | 94616 | 100.00 |
| 1790  | 0 | 94616 | 100.00 |
| 1800  | 0 | 94616 | 100.00 |
| 1810  | 0 | 94616 | 100.00 |
| 1820  | 0 | 94616 | 100.00 |
| 1830  | 0 | 94616 | 100.00 |
| 1840  | 0 | 94616 | 100.00 |
| 1850  | 0 | 94616 | 100.00 |
| 1860  | 0 | 94616 | 100.00 |
| 1870  | 0 | 94616 | 100.00 |
| 1880  | 0 | 94616 | 100.00 |
| 1890  | 0 | 94616 | 100.00 |
| 1900  | 0 | 94616 | 100.00 |
| 1910  | 0 | 94616 | 100.00 |
| 1920  | 0 | 94616 | 100.00 |
| 1930  | 0 | 94616 | 100.00 |
| 1940  | 0 | 94616 | 100.00 |
| 1950  | 0 | 94616 | 100.00 |
| 1960  | 0 | 94616 | 100.00 |
| 1970  | 0 | 94616 | 100.00 |
| 1980  | 0 | 94616 | 100.00 |
| 1990  | 0 | 94616 | 100.00 |
| Above | 0 | 94616 | 100.00 |

PWR Kinf Percentiles

| Kinf  | Assy | CumAssy | Percent |
|-------|------|---------|---------|
| 0.760 | 5    | 5       | 0.01    |
| 0.770 | 0    | 5       | 0.01    |
| 0.780 | 0    | 5       | 0.01    |
| 0.790 | 0    | 5       | 0.01    |
| 0.800 | 0    | 5       | 0.01    |
| 0.810 | 0    | 5       | 0.01    |
| 0.820 | 6    | 11      | 0.01    |
| 0.830 | 5    | 16      | 0.02    |

|       |       |       |        |
|-------|-------|-------|--------|
| 0.840 | 83    | 99    | 0.10   |
| 0.850 | 1     | 100   | 0.11   |
| 0.860 | 1     | 101   | 0.11   |
| 0.870 | 3     | 104   | 0.11   |
| 0.880 | 38    | 142   | 0.15   |
| 0.890 | 27    | 169   | 0.18   |
| 0.900 | 69    | 238   | 0.25   |
| 0.910 | 116   | 354   | 0.37   |
| 0.920 | 183   | 537   | 0.57   |
| 0.930 | 253   | 790   | 0.83   |
| 0.940 | 740   | 1530  | 1.62   |
| 0.950 | 1270  | 2800  | 2.96   |
| 0.960 | 2311  | 5111  | 5.40   |
| 0.970 | 4495  | 9606  | 10.15  |
| 0.980 | 6575  | 16181 | 17.10  |
| 0.990 | 8367  | 24548 | 25.94  |
| 1.000 | 10841 | 35389 | 37.40  |
| 1.010 | 10055 | 45444 | 48.03  |
| 1.020 | 9270  | 54714 | 57.83  |
| 1.030 | 11213 | 65927 | 69.68  |
| 1.040 | 7813  | 73740 | 77.94  |
| 1.050 | 5074  | 78814 | 83.30  |
| 1.060 | 3164  | 81978 | 86.64  |
| 1.070 | 1964  | 83942 | 88.72  |
| 1.080 | 1980  | 85922 | 90.81  |
| 1.090 | 1463  | 87385 | 92.36  |
| 1.100 | 1431  | 88816 | 93.87  |
| 1.110 | 1219  | 90035 | 95.16  |
| 1.120 | 921   | 90956 | 96.13  |
| 1.130 | 699   | 91655 | 96.87  |
| 1.140 | 498   | 92153 | 97.40  |
| 1.150 | 221   | 92374 | 97.63  |
| 1.160 | 440   | 92814 | 98.10  |
| 1.170 | 93    | 92907 | 98.19  |
| 1.180 | 136   | 93043 | 98.34  |
| 1.190 | 231   | 93274 | 98.58  |
| 1.200 | 212   | 93486 | 98.81  |
| 1.210 | 78    | 93564 | 98.89  |
| 1.220 | 55    | 93619 | 98.95  |
| 1.230 | 136   | 93755 | 99.09  |
| 1.240 | 102   | 93857 | 99.20  |
| 1.250 | 107   | 93964 | 99.31  |
| 1.260 | 125   | 94089 | 99.44  |
| 1.270 | 80    | 94169 | 99.53  |
| 1.280 | 66    | 94235 | 99.60  |
| 1.290 | 68    | 94303 | 99.67  |
| 1.300 | 105   | 94408 | 99.78  |
| 1.310 | 30    | 94438 | 99.81  |
| 1.320 | 60    | 94498 | 99.88  |
| 1.330 | 16    | 94514 | 99.89  |
| 1.340 | 8     | 94522 | 99.90  |
| 1.350 | 2     | 94524 | 99.90  |
| 1.360 | 44    | 94568 | 99.95  |
| 1.370 | 7     | 94575 | 99.96  |
| 1.380 | 0     | 94575 | 99.96  |
| 1.390 | 4     | 94579 | 99.96  |
| 1.400 | 0     | 94579 | 99.96  |
| 1.410 | 1     | 94580 | 99.96  |
| 1.420 | 0     | 94580 | 99.96  |
| 1.430 | 12    | 94592 | 99.97  |
| 1.440 | 0     | 94592 | 99.97  |
| 1.450 | 16    | 94608 | 99.99  |
| 1.460 | 8     | 94616 | 100.00 |
| 1.470 | 0     | 94616 | 100.00 |
| 1.480 | 0     | 94616 | 100.00 |
| 1.490 | 0     | 94616 | 100.00 |
| 1.500 | 0     | 94616 | 100.00 |
| 1.510 | 0     | 94616 | 100.00 |
| 1.520 | 0     | 94616 | 100.00 |
| 1.530 | 0     | 94616 | 100.00 |

|       |   |       |        |
|-------|---|-------|--------|
| 1.540 | 0 | 94616 | 100.00 |
| 1.550 | 0 | 94616 | 100.00 |
| 1.560 | 0 | 94616 | 100.00 |
| 1.570 | 0 | 94616 | 100.00 |
| 1.580 | 0 | 94616 | 100.00 |
| 1.590 | 0 | 94616 | 100.00 |
| Above | 0 | 94616 | 100.00 |

| Year | MTU     | B Assy | P Assy |
|------|---------|--------|--------|
| 2010 | 307.51  | 352    | 546    |
| 2011 | 590.37  | 1232   | 840    |
| 2012 | 1202.95 | 2596   | 1662   |
| 2013 | 2008.55 | 3872   | 3009   |
| 2014 | 2993.28 | 5741   | 4605   |
| 2015 | 3000.80 | 5389   | 4725   |
| 2016 | 2974.23 | 5832   | 4494   |
| 2017 | 3007.83 | 5552   | 4644   |
| 2018 | 3002.12 | 6240   | 4368   |
| 2019 | 2990.61 | 5389   | 4716   |
| 2020 | 3007.17 | 5456   | 4704   |
| 2021 | 3003.40 | 6336   | 4323   |
| 2022 | 2990.95 | 5706   | 4563   |
| 2023 | 3011.69 | 4752   | 4972   |
| 2024 | 2990.80 | 6380   | 4305   |
| 2025 | 3017.86 | 7382   | 3916   |
| 2026 | 2999.16 | 8117   | 3780   |
| 2027 | 2988.99 | 6883   | 4179   |
| 2028 | 3010.64 | 6070   | 4452   |
| 2029 | 2993.74 | 6313   | 4284   |
| 2030 | 2996.67 | 6070   | 4578   |
| 2031 | 3008.74 | 5301   | 4830   |
| 2032 | 2996.49 | 5211   | 4866   |
| 2033 | 1914.59 | 2912   | 3255   |
| 2034 | 0.00    | 0      | 0      |
| 2035 | 0.00    | 0      | 0      |
| 2036 | 0.00    | 0      | 0      |
| 2037 | 0.00    | 0      | 0      |
| 2038 | 0.00    | 0      | 0      |
| 2039 | 0.00    | 0      | 0      |
| 2040 | 0.00    | 0      | 0      |
| 2041 | 0.00    | 0      | 0      |
| 2042 | 0.00    | 0      | 0      |
| 2043 | 0.00    | 0      | 0      |
| 2044 | 0.00    | 0      | 0      |
| 2045 | 0.00    | 0      | 0      |

Average age = 26.631

JUNK FILE LISTING:

|                      |                                  |             |
|----------------------|----------------------------------|-------------|
| Nassy=1 burnup=1.87  | kinf=1.529 Enrch=3.63 Dschg=1968 | WEST VALLEY |
| Nassy=2 burnup=1.45  | kinf=1.536 Enrch=3.63 Dschg=1968 | WEST VALLEY |
| Nassy=2 burnup=1.53  | kinf=1.535 Enrch=3.63 Dschg=1968 | WEST VALLEY |
| Nassy=1 burnup=6.38  | kinf=1.455 Enrch=3.63 Dschg=1969 | WEST VALLEY |
| Nassy=2 burnup=0.32  | kinf=1.314 Enrch=2.13 Dschg=1970 | GE MORRIS ( |
| Nassy=1 burnup=0.32  | kinf=1.315 Enrch=2.13 Dschg=1970 | GE MORRIS ( |
| Nassy=3 burnup=0.35  | kinf=1.314 Enrch=2.13 Dschg=1970 | GE MORRIS ( |
| Nassy=8 burnup=0.34  | kinf=1.314 Enrch=2.13 Dschg=1970 | GE MORRIS ( |
| Nassy=1 burnup=0.35  | kinf=1.314 Enrch=2.13 Dschg=1970 | GE MORRIS ( |
| Nassy=1 burnup=0.18  | kinf=1.317 Enrch=2.13 Dschg=1970 | GE MORRIS ( |
| Nassy=1 burnup=0.36  | kinf=1.314 Enrch=2.13 Dschg=1970 | GE MORRIS ( |
| Nassy=1 burnup=0.23  | kinf=1.317 Enrch=2.13 Dschg=1970 | GE MORRIS ( |
| Nassy=1 burnup=0.32  | kinf=1.314 Enrch=2.13 Dschg=1970 | GE MORRIS ( |
| Nassy=10 burnup=0.34 | kinf=1.315 Enrch=2.13 Dschg=1970 | GE MORRIS ( |
| Nassy=1 burnup=1.48  | kinf=1.297 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=0.86  | kinf=1.307 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=1.22  | kinf=1.301 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.22  | kinf=1.301 Enrch=2.13 Dschg=1971 | GE MORRIS ( |

|                      |                                  |             |
|----------------------|----------------------------------|-------------|
| Nassy=7 burnup=1.63  | kinf=1.295 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.77  | kinf=1.260 Enrch=1.93 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.31  | kinf=1.299 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=6 burnup=1.86  | kinf=1.291 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=4 burnup=1.85  | kinf=1.257 Enrch=1.93 Dschg=1971 | GE MORRIS ( |
| Nassy=4 burnup=1.79  | kinf=1.292 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=16 burnup=1.74 | kinf=1.293 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.74  | kinf=1.293 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.34  | kinf=1.299 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.46  | kinf=1.270 Enrch=1.97 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.57  | kinf=1.267 Enrch=1.96 Dschg=1971 | GE MORRIS ( |
| Nassy=8 burnup=1.50  | kinf=1.297 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=5 burnup=1.76  | kinf=1.261 Enrch=1.94 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.23  | kinf=1.279 Enrch=2.00 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.31  | kinf=1.299 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=1.46  | kinf=1.298 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=6 burnup=1.48  | kinf=1.297 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=4 burnup=1.00  | kinf=1.305 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=1.09  | kinf=1.303 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.27  | kinf=1.300 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.27  | kinf=1.300 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=0.86  | kinf=1.307 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.28  | kinf=1.300 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=1.32  | kinf=1.275 Enrch=1.99 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.11  | kinf=1.302 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=5 burnup=1.42  | kinf=1.298 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=6 burnup=1.23  | kinf=1.301 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=11 burnup=1.34 | kinf=1.300 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=5 burnup=1.88  | kinf=1.291 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=4 burnup=1.15  | kinf=1.302 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=5 burnup=1.44  | kinf=1.298 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.44  | kinf=1.298 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=15 burnup=1.85 | kinf=1.291 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=5 burnup=1.85  | kinf=1.291 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=0.86  | kinf=1.291 Enrch=2.04 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.62  | kinf=1.265 Enrch=1.96 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.64  | kinf=1.264 Enrch=1.95 Dschg=1971 | GE MORRIS ( |
| Nassy=18 burnup=1.83 | kinf=1.292 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=7 burnup=1.83  | kinf=1.292 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=1.13  | kinf=1.303 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=24 burnup=1.63 | kinf=1.295 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=1.78  | kinf=1.260 Enrch=1.94 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=9.28  | kinf=1.410 Enrch=3.63 Dschg=1971 | WEST VALLEY |
| Nassy=1 burnup=4.99  | kinf=1.478 Enrch=3.63 Dschg=1971 | WEST VALLEY |
| Nassy=1 burnup=8.24  | kinf=1.426 Enrch=3.63 Dschg=1971 | WEST VALLEY |
| Nassy=1 burnup=9.23  | kinf=1.411 Enrch=3.63 Dschg=1971 | WEST VALLEY |
| Nassy=1 burnup=1.53  | kinf=1.318 Enrch=2.26 Dschg=1971 | DRESDEN     |
| Nassy=1 burnup=4.49  | kinf=1.250 Enrch=2.11 Dschg=1971 | OYSTER CRK  |
| Nassy=1 burnup=3.27  | kinf=1.212 Enrch=1.78 Dschg=1972 | GE MORRIS ( |
| Nassy=8 burnup=4.52  | kinf=1.253 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=44 burnup=4.52 | kinf=1.253 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=8 burnup=4.52  | kinf=1.253 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=36 burnup=3.43 | kinf=1.269 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=12 burnup=2.81 | kinf=1.227 Enrch=1.83 Dschg=1972 | GE MORRIS ( |
| Nassy=10 burnup=3.13 | kinf=1.217 Enrch=1.80 Dschg=1972 | GE MORRIS ( |
| Nassy=3 burnup=3.87  | kinf=1.195 Enrch=1.73 Dschg=1972 | GE MORRIS ( |
| Nassy=19 burnup=3.87 | kinf=1.195 Enrch=1.73 Dschg=1972 | GE MORRIS ( |
| Nassy=8 burnup=3.87  | kinf=1.195 Enrch=1.73 Dschg=1972 | GE MORRIS ( |
| Nassy=34 burnup=4.14 | kinf=1.258 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=2 burnup=4.14  | kinf=1.258 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=31 burnup=4.14 | kinf=1.258 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=13 burnup=4.62 | kinf=1.173 Enrch=1.67 Dschg=1972 | GE MORRIS ( |
| Nassy=1 burnup=4.62  | kinf=1.173 Enrch=1.67 Dschg=1972 | GE MORRIS ( |
| Nassy=13 burnup=3.39 | kinf=1.209 Enrch=1.77 Dschg=1972 | GE MORRIS ( |
| Nassy=1 burnup=3.34  | kinf=1.269 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=4 burnup=3.34  | kinf=1.269 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=5 burnup=4.77  | kinf=1.249 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=5 burnup=3.84  | kinf=1.195 Enrch=1.73 Dschg=1972 | GE MORRIS ( |
| Nassy=1 burnup=3.28  | kinf=1.271 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=1 burnup=2.73  | kinf=1.279 Enrch=2.13 Dschg=1972 | GE MORRIS ( |

|                      |                                  |             |
|----------------------|----------------------------------|-------------|
| Nassy=13 burnup=4.69 | kinf=1.250 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=10 burnup=4.69 | kinf=1.250 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=22 burnup=4.31 | kinf=1.182 Enrch=1.69 Dschg=1972 | GE MORRIS ( |
| Nassy=1 burnup=4.31  | kinf=1.182 Enrch=1.69 Dschg=1972 | GE MORRIS ( |
| Nassy=10 burnup=3.12 | kinf=1.273 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=1 burnup=3.60  | kinf=1.203 Enrch=1.76 Dschg=1972 | GE MORRIS ( |
| Nassy=12 burnup=3.60 | kinf=1.203 Enrch=1.76 Dschg=1972 | GE MORRIS ( |
| Nassy=4 burnup=2.84  | kinf=1.277 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=28 burnup=4.38 | kinf=1.254 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=5 burnup=4.38  | kinf=1.254 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=22 burnup=4.38 | kinf=1.254 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=3 burnup=3.91  | kinf=1.261 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=14 burnup=3.79 | kinf=1.263 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=7 burnup=3.79  | kinf=1.263 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=15 burnup=3.77 | kinf=1.264 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=22 burnup=3.77 | kinf=1.264 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=22 burnup=3.77 | kinf=1.264 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=17 burnup=4.39 | kinf=1.179 Enrch=1.68 Dschg=1972 | GE MORRIS ( |
| Nassy=5 burnup=4.39  | kinf=1.179 Enrch=1.68 Dschg=1972 | GE MORRIS ( |
| Nassy=2 burnup=4.39  | kinf=1.179 Enrch=1.68 Dschg=1972 | GE MORRIS ( |
| Nassy=14 burnup=4.64 | kinf=1.172 Enrch=1.66 Dschg=1972 | GE MORRIS ( |
| Nassy=1 burnup=8.59  | kinf=1.421 Enrch=3.63 Dschg=1972 | WEST VALLEY |
| Nassy=1 burnup=9.12  | kinf=1.413 Enrch=3.63 Dschg=1972 | WEST VALLEY |
| Nassy=1 burnup=8.73  | kinf=1.419 Enrch=3.63 Dschg=1972 | WEST VALLEY |
| Nassy=2 burnup=4.86  | kinf=1.239 Enrch=2.08 Dschg=1972 | HILLSTONE   |
| Nassy=4 burnup=6.45  | kinf=1.454 Enrch=3.63 Dschg=1973 | WEST VALLEY |
| Nassy=1 burnup=8.75  | kinf=1.418 Enrch=3.63 Dschg=1973 | WEST VALLEY |
| Nassy=1 burnup=7.35  | kinf=1.440 Enrch=3.63 Dschg=1973 | WEST VALLEY |
| Nassy=1 burnup=3.88  | kinf=1.262 Enrch=2.13 Dschg=1973 | DRESDEN     |
| Nassy=2 burnup=4.96  | kinf=1.246 Enrch=2.13 Dschg=1973 | DRESDEN     |
| Nassy=4 burnup=9.23  | kinf=1.411 Enrch=3.63 Dschg=1973 | LACROSSE    |
| Nassy=1 burnup=8.77  | kinf=1.418 Enrch=3.63 Dschg=1973 | LACROSSE    |
| Nassy=4 burnup=9.10  | kinf=1.413 Enrch=3.63 Dschg=1973 | LACROSSE    |
| Nassy=1 burnup=3.97  | kinf=1.271 Enrch=2.19 Dschg=1973 | PILGRIM     |
| Nassy=1 burnup=2.63  | kinf=1.290 Enrch=2.19 Dschg=1973 | PILGRIM     |
| Nassy=1 burnup=8.95  | kinf=1.415 Enrch=3.63 Dschg=1974 | WEST VALLEY |
| Nassy=1 burnup=8.15  | kinf=1.428 Enrch=3.63 Dschg=1974 | WEST VALLEY |
| Nassy=1 burnup=7.57  | kinf=1.476 Enrch=3.92 Dschg=1975 | LACROSSE    |
| Nassy=1 burnup=3.71  | kinf=1.263 Enrch=2.12 Dschg=1975 | DUANE ARNOL |
| Nassy=1 burnup=3.78  | kinf=1.280 Enrch=2.23 Dschg=1975 | DRESDEN     |
| Nassy=1 burnup=4.80  | kinf=1.467 Enrch=3.54 Dschg=1976 | BIG ROCK    |
| Nassy=1 burnup=2.90  | kinf=1.273 Enrch=2.11 Dschg=1976 | BRUNSWICK   |
| Nassy=1 burnup=3.30  | kinf=1.267 Enrch=2.11 Dschg=1976 | BRUNSWICK   |
| Nassy=2 burnup=2.43  | kinf=1.105 Enrch=1.11 Dschg=1976 | BRUNSWICK   |
| Nassy=2 burnup=3.05  | kinf=1.320 Enrch=2.41 Dschg=1976 | HUMBOLDT BA |
| Nassy=2 burnup=3.30  | kinf=1.315 Enrch=2.40 Dschg=1976 | HUMBOLDT BA |
| Nassy=4 burnup=2.43  | kinf=1.329 Enrch=2.41 Dschg=1976 | HUMBOLDT BA |
| Nassy=2 burnup=2.69  | kinf=1.325 Enrch=2.41 Dschg=1976 | HUMBOLDT BA |
| Nassy=2 burnup=3.89  | kinf=1.308 Enrch=2.41 Dschg=1976 | HUMBOLDT BA |
| Nassy=2 burnup=4.34  | kinf=1.301 Enrch=2.41 Dschg=1976 | HUMBOLDT BA |
| Nassy=1 burnup=1.31  | kinf=1.346 Enrch=2.41 Dschg=1976 | HUMBOLDT BA |
| Nassy=1 burnup=12.04 | kinf=1.407 Enrch=3.92 Dschg=1977 | LACROSSE    |
| Nassy=1 burnup=12.30 | kinf=1.403 Enrch=3.93 Dschg=1977 | LACROSSE    |
| Nassy=1 burnup=7.61  | kinf=1.476 Enrch=3.92 Dschg=1977 | LACROSSE    |
| Nassy=1 burnup=12.42 | kinf=1.401 Enrch=3.92 Dschg=1977 | LACROSSE    |
| Nassy=5 burnup=3.65  | kinf=1.282 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=2 burnup=3.35  | kinf=1.287 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=4 burnup=3.35  | kinf=1.287 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=2 burnup=3.08  | kinf=1.291 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=4 burnup=4.00  | kinf=1.277 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=7 burnup=4.97  | kinf=1.263 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=14 burnup=4.97 | kinf=1.263 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=5 burnup=4.97  | kinf=1.263 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=1 burnup=4.53  | kinf=1.269 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=22 burnup=4.53 | kinf=1.269 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=8 burnup=3.15  | kinf=1.024 Enrch=0.72 Dschg=1985 | SUSQUEHANNA |
| Nassy=1 burnup=4.11  | kinf=1.012 Enrch=0.72 Dschg=1985 | SUSQUEHANNA |
| Nassy=7 burnup=4.11  | kinf=1.012 Enrch=0.72 Dschg=1985 | SUSQUEHANNA |
| Nassy=8 burnup=4.71  | kinf=1.004 Enrch=0.72 Dschg=1985 | SUSQUEHANNA |
| Nassy=28 burnup=4.71 | kinf=1.004 Enrch=0.72 Dschg=1985 | SUSQUEHANNA |

|                      |                                  |             |
|----------------------|----------------------------------|-------------|
| Nassy=1 burnup=4.71  | kinf=1.004 Enrch=0.72 Dschg=1985 | SUSQUEHANNA |
| Nassy=11 burnup=4.71 | kinf=1.004 Enrch=0.72 Dschg=1985 | SUSQUEHANNA |
| Nassy=1 burnup=2.96  | kinf=1.027 Enrch=0.72 Dschg=1985 | SUSQUEHANNA |
| Nassy=7 burnup=2.96  | kinf=1.027 Enrch=0.72 Dschg=1985 | SUSQUEHANNA |
| Nassy=4 burnup=3.14  | kinf=1.024 Enrch=0.72 Dschg=1985 | LASALLE     |
| Nassy=4 burnup=4.86  | kinf=1.003 Enrch=0.72 Dschg=1985 | LASALLE     |
| Nassy=4 burnup=4.86  | kinf=1.003 Enrch=0.72 Dschg=1985 | LASALLE     |
| Nassy=8 burnup=2.92  | kinf=1.027 Enrch=0.72 Dschg=1985 | LASALLE     |
| Nassy=8 burnup=3.41  | kinf=1.021 Enrch=0.72 Dschg=1985 | LASALLE     |
| Nassy=7 burnup=4.08  | kinf=1.012 Enrch=0.72 Dschg=1985 | LASALLE     |
| Nassy=8 burnup=4.08  | kinf=1.012 Enrch=0.72 Dschg=1985 | LASALLE     |
| Nassy=3 burnup=4.08  | kinf=1.012 Enrch=0.72 Dschg=1985 | LASALLE     |
| Nassy=18 burnup=3.91 | kinf=1.015 Enrch=0.72 Dschg=1985 | LASALLE     |
| Nassy=6 burnup=3.91  | kinf=1.015 Enrch=0.72 Dschg=1985 | LASALLE     |
| Nassy=1 burnup=3.91  | kinf=1.015 Enrch=0.72 Dschg=1985 | LASALLE     |
| Nassy=5 burnup=3.91  | kinf=1.015 Enrch=0.72 Dschg=1985 | LASALLE     |
| Nassy=8 burnup=2.64  | kinf=1.031 Enrch=0.72 Dschg=1985 | LASALLE     |
| Nassy=3 burnup=2.22  | kinf=1.038 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=5 burnup=2.22  | kinf=1.038 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=14 burnup=2.86 | kinf=1.030 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=8 burnup=3.07  | kinf=1.027 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=12 burnup=2.65 | kinf=1.033 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=10 burnup=2.65 | kinf=1.033 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=12 burnup=2.65 | kinf=1.033 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=8 burnup=2.65  | kinf=1.033 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=10 burnup=1.77 | kinf=1.044 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=6 burnup=1.77  | kinf=1.044 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=4 burnup=3.28  | kinf=1.024 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=2 burnup=4.17  | kinf=1.013 Enrch=0.73 Dschg=1986 | SUSQUEHANNA |
| Nassy=8 burnup=4.17  | kinf=1.013 Enrch=0.73 Dschg=1986 | SUSQUEHANNA |
| Nassy=16 burnup=4.17 | kinf=1.013 Enrch=0.73 Dschg=1986 | SUSQUEHANNA |
| Nassy=6 burnup=3.09  | kinf=1.026 Enrch=0.73 Dschg=1986 | SUSQUEHANNA |
| Nassy=2 burnup=3.09  | kinf=1.026 Enrch=0.73 Dschg=1986 | SUSQUEHANNA |
| Nassy=8 burnup=2.76  | kinf=1.030 Enrch=0.72 Dschg=1986 | SUSQUEHANNA |
| Nassy=12 burnup=3.50 | kinf=1.020 Enrch=0.72 Dschg=1986 | SUSQUEHANNA |
| Nassy=2 burnup=3.98  | kinf=1.015 Enrch=0.73 Dschg=1986 | SUSQUEHANNA |
| Nassy=20 burnup=3.98 | kinf=1.015 Enrch=0.73 Dschg=1986 | SUSQUEHANNA |
| Nassy=8 burnup=4.72  | kinf=1.006 Enrch=0.73 Dschg=1986 | SUSQUEHANNA |
| Nassy=11 burnup=3.35 | kinf=1.022 Enrch=0.72 Dschg=1986 | GRAND GULF  |
| Nassy=30 burnup=3.35 | kinf=1.022 Enrch=0.72 Dschg=1986 | GRAND GULF  |
| Nassy=14 burnup=3.35 | kinf=1.022 Enrch=0.72 Dschg=1986 | GRAND GULF  |
| Nassy=33 burnup=3.35 | kinf=1.022 Enrch=0.72 Dschg=1986 | GRAND GULF  |
| Nassy=4 burnup=3.35  | kinf=1.022 Enrch=0.72 Dschg=1986 | GRAND GULF  |
| Nassy=31 burnup=4.00 | kinf=1.013 Enrch=0.72 Dschg=1987 | LASALLE     |
| Nassy=6 burnup=4.00  | kinf=1.013 Enrch=0.72 Dschg=1987 | LASALLE     |
| Nassy=15 burnup=4.00 | kinf=1.013 Enrch=0.72 Dschg=1987 | LASALLE     |
| Nassy=11 burnup=4.00 | kinf=1.013 Enrch=0.72 Dschg=1987 | LASALLE     |
| Nassy=13 burnup=4.00 | kinf=1.013 Enrch=0.72 Dschg=1987 | LASALLE     |
| Nassy=2 burnup=4.00  | kinf=1.013 Enrch=0.72 Dschg=1987 | LASALLE     |
| Nassy=11 burnup=4.00 | kinf=1.013 Enrch=0.72 Dschg=1987 | LASALLE     |
| Nassy=2 burnup=4.00  | kinf=1.013 Enrch=0.72 Dschg=1987 | LASALLE     |
| Nassy=1 burnup=4.00  | kinf=1.013 Enrch=0.72 Dschg=1987 | LASALLE     |
| Nassy=16 burnup=5.00 | kinf=1.487 Enrch=3.70 Dschg=1987 | LACROSSE    |
| Nassy=2 burnup=5.00  | kinf=1.487 Enrch=3.70 Dschg=1987 | LACROSSE    |
| Nassy=5 burnup=5.00  | kinf=1.487 Enrch=3.70 Dschg=1987 | LACROSSE    |
| Nassy=1 burnup=5.00  | kinf=1.488 Enrch=3.71 Dschg=1987 | LACROSSE    |
| Nassy=12 burnup=3.00 | kinf=1.026 Enrch=0.72 Dschg=1989 | CLINTON     |
| Nassy=36 burnup=3.00 | kinf=1.026 Enrch=0.72 Dschg=1989 | CLINTON     |
| Nassy=4 burnup=3.00  | kinf=1.026 Enrch=0.72 Dschg=1989 | CLINTON     |
| Nassy=8 burnup=3.00  | kinf=1.026 Enrch=0.72 Dschg=1989 | CLINTON     |
| Nassy=4 burnup=3.00  | kinf=1.026 Enrch=0.72 Dschg=1989 | CLINTON     |
| Nassy=12 burnup=3.00 | kinf=1.026 Enrch=0.72 Dschg=1989 | CLINTON     |
| Nassy=39 burnup=3.00 | kinf=1.026 Enrch=0.72 Dschg=1989 | ENRICO FERM |
| Nassy=22 burnup=3.00 | kinf=1.026 Enrch=0.72 Dschg=1989 | ENRICO FERM |
| Nassy=7 burnup=3.00  | kinf=1.026 Enrch=0.72 Dschg=1989 | ENRICO FERM |
| Nassy=2 burnup=3.00  | kinf=1.026 Enrch=0.72 Dschg=1989 | ENRICO FERM |
| Nassy=4 burnup=3.00  | kinf=1.026 Enrch=0.72 Dschg=1989 | ENRICO FERM |
| Nassy=18 burnup=3.00 | kinf=1.026 Enrch=0.72 Dschg=1989 | ENRICO FERM |
| Nassy=7 burnup=4.00  | kinf=1.013 Enrch=0.72 Dschg=1990 | NINE MILE P |
| Nassy=27 burnup=4.00 | kinf=1.013 Enrch=0.72 Dschg=1990 | NINE MILE P |

Nassy=16 burnup=4.00 kinf=1.013 Enrch=0.72 Dschg=1990 NINE MILE P  
Nassy=2 burnup=4.00 kinf=1.013 Enrch=0.72 Dschg=1990 NINE MILE P  
Nassy=30 burnup=4.00 kinf=1.013 Enrch=0.72 Dschg=1990 NINE MILE P  
Nassy=10 burnup=4.00 kinf=1.013 Enrch=0.72 Dschg=1990 NINE MILE P  
Nassy=4 burnup=3.00 kinf=1.026 Enrch=0.72 Dschg=1991 SUSQUEHANNA  
Nassy=24 burnup=3.00 kinf=1.026 Enrch=0.72 Dschg=1991 LIMERICK  
Nassy=44 burnup=3.00 kinf=1.026 Enrch=0.72 Dschg=1991 LIMERICK  
Nassy=16 burnup=3.00 kinf=1.026 Enrch=0.72 Dschg=1991 LIMERICK  
Nassy=8 burnup=3.00 kinf=1.026 Enrch=0.72 Dschg=1991 LIMERICK  
Nassy=1 burnup=1.97 kinf=1.483 Enrch=3.34 Dschg=1994 RVR BEND  
Nassy=18 burnup=7.19 kinf=1.402 Enrch=3.35 Dschg=2009 NINE MILE P  
Nassy=132 burnup=7.19 kinf=1.402 Enrch=3.35 Dschg=2009 NINE MILE P  
Nassy=3 burnup=7.19 kinf=1.402 Enrch=3.35 Dschg=2009 NINE MILE P  
Nassy=23 burnup=7.19 kinf=1.402 Enrch=3.35 Dschg=2009 NINE MILE P  
Nassy=25 burnup=7.59 kinf=1.400 Enrch=3.38 Dschg=2009 OYSTER CRK  
Nassy=40 burnup=7.59 kinf=1.400 Enrch=3.38 Dschg=2009 OYSTER CRK  
Nassy=4 burnup=7.59 kinf=1.400 Enrch=3.38 Dschg=2009 OYSTER CRK  
Nassy=11 burnup=7.59 kinf=1.400 Enrch=3.38 Dschg=2009 OYSTER CRK  
Nassy=21 burnup=8.57 kinf=1.410 Enrch=3.56 Dschg=2012 PILGRIM  
Nassy=132 burnup=8.57 kinf=1.410 Enrch=3.56 Dschg=2012 PILGRIM  
Nassy=36 burnup=8.57 kinf=1.410 Enrch=3.56 Dschg=2012 PILGRIM  
Nassy=3 burnup=8.57 kinf=1.410 Enrch=3.56 Dschg=2012 PILGRIM

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INPUT FILE LISTING:  
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| #bins | Input_file | Output_file | Case_title         | Last_delivery |
|-------|------------|-------------|--------------------|---------------|
| 0     | case7.wsm  | case7.out   | W7:off_2dpc_noi_63 | 2045          |
| Type  | Cap        | Hmin        | Hmax               | Kmin          |
|       |            |             |                    | Knax          |

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OUTPUT FILE LISTING:  
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W7:off\_2dpc\_noi\_63  
Standard Table

BWR Heat Percentiles

| Watts/Assy | Assy | Cum Assy | Percent |
|------------|------|----------|---------|
| 10         | 464  | 464      | 0.37    |
| 20         | 1524 | 1988     | 1.59    |
| 30         | 1575 | 3563     | 2.84    |
| 40         | 2676 | 6239     | 4.98    |
| 50         | 2501 | 8740     | 6.97    |
| 60         | 3263 | 12003    | 9.58    |
| 70         | 3697 | 15700    | 12.53   |
| 80         | 4198 | 19898    | 15.88   |
| 90         | 3232 | 23130    | 18.46   |
| 100        | 3865 | 26995    | 21.54   |
| 110        | 4222 | 31217    | 24.91   |
| 120        | 5211 | 36428    | 29.07   |
| 130        | 4618 | 41046    | 32.75   |
| 140        | 2608 | 43654    | 34.83   |
| 150        | 2964 | 46618    | 37.20   |
| 160        | 3149 | 49767    | 39.71   |
| 170        | 3436 | 53203    | 42.45   |
| 180        | 2955 | 56158    | 44.81   |
| 190        | 4648 | 60806    | 48.52   |
| 200        | 5022 | 65828    | 52.53   |
| 210        | 5879 | 71707    | 57.22   |
| 220        | 6198 | 77905    | 62.16   |
| 230        | 6166 | 84071    | 67.09   |
| 240        | 6634 | 90705    | 72.38   |
| 250        | 6302 | 97007    | 77.41   |
| 260        | 5605 | 102612   | 81.88   |
| 270        | 4012 | 106624   | 85.08   |
| 280        | 3590 | 110214   | 87.95   |
| 290        | 3283 | 113497   | 90.57   |
| 300        | 2563 | 116060   | 92.61   |
| 310        | 2388 | 118428   | 94.50   |
| 320        | 2135 | 120563   | 96.20   |
| 330        | 1547 | 122110   | 97.44   |
| 340        | 1150 | 123260   | 98.36   |
| 350        | 1196 | 124456   | 99.31   |
| 360        | 780  | 125236   | 99.93   |
| 370        | 84   | 125320   | 100.00  |
| 380        | 0    | 125320   | 100.00  |
| 390        | 0    | 125320   | 100.00  |
| 400        | 0    | 125320   | 100.00  |
| 410        | 0    | 125320   | 100.00  |
| 420        | 0    | 125320   | 100.00  |
| 430        | 0    | 125320   | 100.00  |
| 440        | 0    | 125320   | 100.00  |
| 450        | 0    | 125320   | 100.00  |
| 460        | 0    | 125320   | 100.00  |
| 470        | 0    | 125320   | 100.00  |
| 480        | 0    | 125320   | 100.00  |
| 490        | 0    | 125320   | 100.00  |
| 500        | 0    | 125320   | 100.00  |
| 510        | 0    | 125320   | 100.00  |
| 520        | 0    | 125320   | 100.00  |
| 530        | 0    | 125320   | 100.00  |
| 540        | 0    | 125320   | 100.00  |
| 550        | 0    | 125320   | 100.00  |

|       |   |        |        |
|-------|---|--------|--------|
| 560   | 0 | 125320 | 100.00 |
| 570   | 0 | 125320 | 100.00 |
| 580   | 0 | 125320 | 100.00 |
| 590   | 0 | 125320 | 100.00 |
| 600   | 0 | 125320 | 100.00 |
| 610   | 0 | 125320 | 100.00 |
| 620   | 0 | 125320 | 100.00 |
| 630   | 0 | 125320 | 100.00 |
| 640   | 0 | 125320 | 100.00 |
| 650   | 0 | 125320 | 100.00 |
| 660   | 0 | 125320 | 100.00 |
| 670   | 0 | 125320 | 100.00 |
| 680   | 0 | 125320 | 100.00 |
| 690   | 0 | 125320 | 100.00 |
| 700   | 0 | 125320 | 100.00 |
| 710   | 0 | 125320 | 100.00 |
| 720   | 0 | 125320 | 100.00 |
| 730   | 0 | 125320 | 100.00 |
| 740   | 0 | 125320 | 100.00 |
| 750   | 0 | 125320 | 100.00 |
| 760   | 0 | 125320 | 100.00 |
| 770   | 0 | 125320 | 100.00 |
| 780   | 0 | 125320 | 100.00 |
| 790   | 0 | 125320 | 100.00 |
| 800   | 0 | 125320 | 100.00 |
| 810   | 0 | 125320 | 100.00 |
| 820   | 0 | 125320 | 100.00 |
| 830   | 0 | 125320 | 100.00 |
| 840   | 0 | 125320 | 100.00 |
| 850   | 0 | 125320 | 100.00 |
| 860   | 0 | 125320 | 100.00 |
| 870   | 0 | 125320 | 100.00 |
| 880   | 0 | 125320 | 100.00 |
| 890   | 0 | 125320 | 100.00 |
| 900   | 0 | 125320 | 100.00 |
| 910   | 0 | 125320 | 100.00 |
| 920   | 0 | 125320 | 100.00 |
| 930   | 0 | 125320 | 100.00 |
| 940   | 0 | 125320 | 100.00 |
| 950   | 0 | 125320 | 100.00 |
| 960   | 0 | 125320 | 100.00 |
| 970   | 0 | 125320 | 100.00 |
| 980   | 0 | 125320 | 100.00 |
| 990   | 0 | 125320 | 100.00 |
| Above | 0 | 125320 | 100.00 |

BWR Kinf Percentiles

| Kinf  | Assy | CumAssy | Percent |
|-------|------|---------|---------|
| 0.760 | 0    | 0       | 0.00    |
| 0.770 | 0    | 0       | 0.00    |
| 0.780 | 0    | 0       | 0.00    |
| 0.790 | 0    | 0       | 0.00    |
| 0.800 | 0    | 0       | 0.00    |
| 0.810 | 0    | 0       | 0.00    |
| 0.820 | 0    | 0       | 0.00    |
| 0.830 | 11   | 11      | 0.01    |
| 0.840 | 8    | 19      | 0.02    |
| 0.850 | 32   | 51      | 0.04    |
| 0.860 | 114  | 165     | 0.13    |
| 0.870 | 0    | 165     | 0.13    |
| 0.880 | 0    | 165     | 0.13    |
| 0.890 | 53   | 218     | 0.17    |
| 0.900 | 249  | 467     | 0.37    |
| 0.910 | 100  | 567     | 0.45    |
| 0.920 | 956  | 1523    | 1.22    |
| 0.930 | 1328 | 2851    | 2.27    |
| 0.940 | 1550 | 4401    | 3.51    |
| 0.950 | 1413 | 5814    | 4.64    |
| 0.960 | 1969 | 7783    | 6.21    |

|       |       |        |        |
|-------|-------|--------|--------|
| 0.970 | 3488  | 11271  | 8.99   |
| 0.980 | 10678 | 21949  | 17.51  |
| 0.990 | 5217  | 27166  | 21.68  |
| 1.000 | 6802  | 33968  | 27.11  |
| 1.010 | 8989  | 42957  | 34.28  |
| 1.020 | 12210 | 55167  | 44.02  |
| 1.030 | 10695 | 65862  | 52.56  |
| 1.040 | 16930 | 82792  | 66.06  |
| 1.050 | 7066  | 89858  | 71.70  |
| 1.060 | 6641  | 96499  | 77.00  |
| 1.070 | 4578  | 101077 | 80.66  |
| 1.080 | 2641  | 103718 | 82.76  |
| 1.090 | 3191  | 106909 | 85.31  |
| 1.100 | 1854  | 108763 | 86.79  |
| 1.110 | 1237  | 110000 | 87.78  |
| 1.120 | 2178  | 112178 | 89.51  |
| 1.130 | 341   | 112519 | 89.79  |
| 1.140 | 1170  | 113689 | 90.72  |
| 1.150 | 955   | 114644 | 91.48  |
| 1.160 | 558   | 115202 | 91.93  |
| 1.170 | 1265  | 116467 | 92.94  |
| 1.180 | 616   | 117083 | 93.43  |
| 1.190 | 318   | 117401 | 93.68  |
| 1.200 | 290   | 117691 | 93.91  |
| 1.210 | 397   | 118088 | 94.23  |
| 1.220 | 242   | 118330 | 94.42  |
| 1.230 | 320   | 118650 | 94.68  |
| 1.240 | 357   | 119007 | 94.96  |
| 1.250 | 375   | 119382 | 95.26  |
| 1.260 | 703   | 120085 | 95.82  |
| 1.270 | 535   | 120620 | 96.25  |
| 1.280 | 300   | 120920 | 96.49  |
| 1.290 | 661   | 121581 | 97.02  |
| 1.300 | 378   | 121959 | 97.32  |
| 1.310 | 172   | 122131 | 97.46  |
| 1.320 | 138   | 122269 | 97.57  |
| 1.330 | 330   | 122599 | 97.83  |
| 1.340 | 370   | 122969 | 98.12  |
| 1.350 | 464   | 123433 | 98.49  |
| 1.360 | 35    | 123468 | 98.52  |
| 1.370 | 242   | 123710 | 98.72  |
| 1.380 | 790   | 124500 | 99.35  |
| 1.390 | 133   | 124633 | 99.45  |
| 1.400 | 125   | 124758 | 99.55  |
| 1.410 | 259   | 125017 | 99.76  |
| 1.420 | 16    | 125033 | 99.77  |
| 1.430 | 3     | 125036 | 99.77  |
| 1.440 | 92    | 125128 | 99.85  |
| 1.450 | 154   | 125282 | 99.97  |
| 1.460 | 5     | 125287 | 99.97  |
| 1.470 | 1     | 125288 | 99.97  |
| 1.480 | 3     | 125291 | 99.98  |
| 1.490 | 24    | 125315 | 100.00 |
| 1.500 | 0     | 125315 | 100.00 |
| 1.510 | 0     | 125315 | 100.00 |
| 1.520 | 0     | 125315 | 100.00 |
| 1.530 | 1     | 125316 | 100.00 |
| 1.540 | 4     | 125320 | 100.00 |
| 1.550 | 0     | 125320 | 100.00 |
| 1.560 | 0     | 125320 | 100.00 |
| 1.570 | 0     | 125320 | 100.00 |
| 1.580 | 0     | 125320 | 100.00 |
| 1.590 | 0     | 125320 | 100.00 |
| Above | 0     | 125320 | 100.00 |

| PWR Heat Percentiles |      |          |         |
|----------------------|------|----------|---------|
| Watts/Assy           | Assy | Cum Assy | Percent |
| 10                   | 8    | 8        | 0.01    |
| 20                   | 31   | 39       | 0.04    |

|     |      |       |       |
|-----|------|-------|-------|
| 30  | 18   | 57    | 0.06  |
| 40  | 60   | 117   | 0.12  |
| 50  | 98   | 215   | 0.23  |
| 60  | 78   | 293   | 0.31  |
| 70  | 118  | 411   | 0.43  |
| 80  | 186  | 597   | 0.63  |
| 90  | 265  | 862   | 0.91  |
| 100 | 186  | 1048  | 1.11  |
| 110 | 165  | 1213  | 1.28  |
| 120 | 474  | 1687  | 1.78  |
| 130 | 581  | 2268  | 2.40  |
| 140 | 625  | 2893  | 3.06  |
| 150 | 591  | 3484  | 3.68  |
| 160 | 465  | 3949  | 4.17  |
| 170 | 591  | 4540  | 4.79  |
| 180 | 913  | 5453  | 5.76  |
| 190 | 685  | 6138  | 6.48  |
| 200 | 736  | 6874  | 7.26  |
| 210 | 497  | 7371  | 7.78  |
| 220 | 1148 | 8519  | 9.00  |
| 230 | 867  | 9386  | 9.91  |
| 240 | 1034 | 10420 | 11.00 |
| 250 | 1176 | 11596 | 12.25 |
| 260 | 776  | 12372 | 13.07 |
| 270 | 1442 | 13814 | 14.59 |
| 280 | 1059 | 14873 | 15.71 |
| 290 | 1465 | 16338 | 17.25 |
| 300 | 1105 | 17443 | 18.42 |
| 310 | 1137 | 18580 | 19.62 |
| 320 | 1267 | 19847 | 20.96 |
| 330 | 1408 | 21255 | 22.45 |
| 340 | 1270 | 22525 | 23.79 |
| 350 | 1263 | 23788 | 25.12 |
| 360 | 1410 | 25198 | 26.61 |
| 370 | 1487 | 26685 | 28.18 |
| 380 | 1481 | 28166 | 29.74 |
| 390 | 1699 | 29865 | 31.54 |
| 400 | 1403 | 31268 | 33.02 |
| 410 | 1576 | 32844 | 34.69 |
| 420 | 1368 | 34212 | 36.13 |
| 430 | 1997 | 36209 | 38.24 |
| 440 | 1678 | 37887 | 40.01 |
| 450 | 2180 | 40067 | 42.31 |
| 460 | 2411 | 42478 | 44.86 |
| 470 | 1939 | 44417 | 46.91 |
| 480 | 1697 | 46114 | 48.70 |
| 490 | 1977 | 48091 | 50.79 |
| 500 | 1748 | 49839 | 52.63 |
| 510 | 1378 | 51217 | 54.09 |
| 520 | 1821 | 53038 | 56.01 |
| 530 | 1446 | 54484 | 57.54 |
| 540 | 1818 | 56302 | 59.46 |
| 550 | 2219 | 58521 | 61.80 |
| 560 | 2027 | 60548 | 63.94 |
| 570 | 1823 | 62371 | 65.87 |
| 580 | 1830 | 64201 | 67.80 |
| 590 | 1873 | 66074 | 69.78 |
| 600 | 2206 | 68280 | 72.11 |
| 610 | 2030 | 70310 | 74.25 |
| 620 | 1782 | 72092 | 76.13 |
| 630 | 1452 | 73544 | 77.67 |
| 640 | 1667 | 75211 | 79.43 |
| 650 | 2028 | 77239 | 81.57 |
| 660 | 1617 | 78856 | 83.28 |
| 670 | 1543 | 80399 | 84.91 |
| 680 | 1581 | 81980 | 86.58 |
| 690 | 2087 | 84067 | 88.78 |
| 700 | 2958 | 87025 | 91.90 |
| 710 | 2336 | 89361 | 94.37 |
| 720 | 529  | 89890 | 94.93 |

|      |     |       |        |
|------|-----|-------|--------|
| 730  | 591 | 90481 | 95.55  |
| 740  | 525 | 91006 | 96.11  |
| 750  | 534 | 91540 | 96.67  |
| 760  | 203 | 91743 | 96.89  |
| 770  | 432 | 92175 | 97.34  |
| 780  | 376 | 92551 | 97.74  |
| 790  | 202 | 92753 | 97.95  |
| 800  | 222 | 92975 | 98.19  |
| 810  | 161 | 93136 | 98.36  |
| 820  | 268 | 93404 | 98.64  |
| 830  | 142 | 93546 | 98.79  |
| 840  | 64  | 93610 | 98.86  |
| 850  | 140 | 93750 | 99.01  |
| 860  | 151 | 93901 | 99.16  |
| 870  | 160 | 94061 | 99.33  |
| 880  | 78  | 94139 | 99.42  |
| 890  | 15  | 94154 | 99.43  |
| 900  | 24  | 94178 | 99.46  |
| 910  | 33  | 94211 | 99.49  |
| 920  | 93  | 94304 | 99.59  |
| 930  | 22  | 94326 | 99.61  |
| 940  | 1   | 94327 | 99.61  |
| 950  | 52  | 94379 | 99.67  |
| 960  | 110 | 94489 | 99.79  |
| 970  | 71  | 94560 | 99.86  |
| 980  | 18  | 94578 | 99.88  |
| 990  | 52  | 94630 | 99.93  |
| 1000 | 62  | 94692 | 100.00 |
| 1010 | 0   | 94692 | 100.00 |
| 1020 | 0   | 94692 | 100.00 |
| 1030 | 0   | 94692 | 100.00 |
| 1040 | 0   | 94692 | 100.00 |
| 1050 | 0   | 94692 | 100.00 |
| 1060 | 0   | 94692 | 100.00 |
| 1070 | 0   | 94692 | 100.00 |
| 1080 | 0   | 94692 | 100.00 |
| 1090 | 0   | 94692 | 100.00 |
| 1100 | 0   | 94692 | 100.00 |
| 1110 | 0   | 94692 | 100.00 |
| 1120 | 0   | 94692 | 100.00 |
| 1130 | 0   | 94692 | 100.00 |
| 1140 | 0   | 94692 | 100.00 |
| 1150 | 0   | 94692 | 100.00 |
| 1160 | 0   | 94692 | 100.00 |
| 1170 | 0   | 94692 | 100.00 |
| 1180 | 0   | 94692 | 100.00 |
| 1190 | 0   | 94692 | 100.00 |
| 1200 | 0   | 94692 | 100.00 |
| 1210 | 0   | 94692 | 100.00 |
| 1220 | 0   | 94692 | 100.00 |
| 1230 | 0   | 94692 | 100.00 |
| 1240 | 0   | 94692 | 100.00 |
| 1250 | 0   | 94692 | 100.00 |
| 1260 | 0   | 94692 | 100.00 |
| 1270 | 0   | 94692 | 100.00 |
| 1280 | 0   | 94692 | 100.00 |
| 1290 | 0   | 94692 | 100.00 |
| 1300 | 0   | 94692 | 100.00 |
| 1310 | 0   | 94692 | 100.00 |
| 1320 | 0   | 94692 | 100.00 |
| 1330 | 0   | 94692 | 100.00 |
| 1340 | 0   | 94692 | 100.00 |
| 1350 | 0   | 94692 | 100.00 |
| 1360 | 0   | 94692 | 100.00 |
| 1370 | 0   | 94692 | 100.00 |
| 1380 | 0   | 94692 | 100.00 |
| 1390 | 0   | 94692 | 100.00 |
| 1400 | 0   | 94692 | 100.00 |
| 1410 | 0   | 94692 | 100.00 |
| 1420 | 0   | 94692 | 100.00 |

|       |   |       |        |
|-------|---|-------|--------|
| 1430  | 0 | 94692 | 100.00 |
| 1440  | 0 | 94692 | 100.00 |
| 1450  | 0 | 94692 | 100.00 |
| 1460  | 0 | 94692 | 100.00 |
| 1470  | 0 | 94692 | 100.00 |
| 1480  | 0 | 94692 | 100.00 |
| 1490  | 0 | 94692 | 100.00 |
| 1500  | 0 | 94692 | 100.00 |
| 1510  | 0 | 94692 | 100.00 |
| 1520  | 0 | 94692 | 100.00 |
| 1530  | 0 | 94692 | 100.00 |
| 1540  | 0 | 94692 | 100.00 |
| 1550  | 0 | 94692 | 100.00 |
| 1560  | 0 | 94692 | 100.00 |
| 1570  | 0 | 94692 | 100.00 |
| 1580  | 0 | 94692 | 100.00 |
| 1590  | 0 | 94692 | 100.00 |
| 1600  | 0 | 94692 | 100.00 |
| 1610  | 0 | 94692 | 100.00 |
| 1620  | 0 | 94692 | 100.00 |
| 1630  | 0 | 94692 | 100.00 |
| 1640  | 0 | 94692 | 100.00 |
| 1650  | 0 | 94692 | 100.00 |
| 1660  | 0 | 94692 | 100.00 |
| 1670  | 0 | 94692 | 100.00 |
| 1680  | 0 | 94692 | 100.00 |
| 1690  | 0 | 94692 | 100.00 |
| 1700  | 0 | 94692 | 100.00 |
| 1710  | 0 | 94692 | 100.00 |
| 1720  | 0 | 94692 | 100.00 |
| 1730  | 0 | 94692 | 100.00 |
| 1740  | 0 | 94692 | 100.00 |
| 1750  | 0 | 94692 | 100.00 |
| 1760  | 0 | 94692 | 100.00 |
| 1770  | 0 | 94692 | 100.00 |
| 1780  | 0 | 94692 | 100.00 |
| 1790  | 0 | 94692 | 100.00 |
| 1800  | 0 | 94692 | 100.00 |
| 1810  | 0 | 94692 | 100.00 |
| 1820  | 0 | 94692 | 100.00 |
| 1830  | 0 | 94692 | 100.00 |
| 1840  | 0 | 94692 | 100.00 |
| 1850  | 0 | 94692 | 100.00 |
| 1860  | 0 | 94692 | 100.00 |
| 1870  | 0 | 94692 | 100.00 |
| 1880  | 0 | 94692 | 100.00 |
| 1890  | 0 | 94692 | 100.00 |
| 1900  | 0 | 94692 | 100.00 |
| 1910  | 0 | 94692 | 100.00 |
| 1920  | 0 | 94692 | 100.00 |
| 1930  | 0 | 94692 | 100.00 |
| 1940  | 0 | 94692 | 100.00 |
| 1950  | 0 | 94692 | 100.00 |
| 1960  | 0 | 94692 | 100.00 |
| 1970  | 0 | 94692 | 100.00 |
| 1980  | 0 | 94692 | 100.00 |
| 1990  | 0 | 94692 | 100.00 |
| Above | 0 | 94692 | 100.00 |

PWR Kinf Percentiles

| Kinf  | Assy | CumAssy | Percent |
|-------|------|---------|---------|
| 0.760 | 4    | 4       | 0.00    |
| 0.770 | 0    | 4       | 0.00    |
| 0.780 | 0    | 4       | 0.00    |
| 0.790 | 0    | 4       | 0.00    |
| 0.800 | 0    | 4       | 0.00    |
| 0.810 | 24   | 28      | 0.03    |
| 0.820 | 4    | 32      | 0.03    |
| 0.830 | 91   | 123     | 0.13    |

|       |       |       |        |
|-------|-------|-------|--------|
| 0.840 | 1     | 124   | 0.13   |
| 0.850 | 0     | 124   | 0.13   |
| 0.860 | 2     | 126   | 0.13   |
| 0.870 | 1     | 127   | 0.13   |
| 0.880 | 23    | 150   | 0.16   |
| 0.890 | 85    | 235   | 0.25   |
| 0.900 | 109   | 344   | 0.36   |
| 0.910 | 131   | 475   | 0.50   |
| 0.920 | 133   | 608   | 0.64   |
| 0.930 | 254   | 862   | 0.91   |
| 0.940 | 953   | 1815  | 1.92   |
| 0.950 | 2367  | 4182  | 4.42   |
| 0.960 | 3788  | 7970  | 8.42   |
| 0.970 | 5438  | 13408 | 14.16  |
| 0.980 | 6590  | 19998 | 21.12  |
| 0.990 | 9768  | 29766 | 31.43  |
| 1.000 | 10440 | 40206 | 42.46  |
| 1.010 | 9808  | 50014 | 52.82  |
| 1.020 | 9891  | 59905 | 63.26  |
| 1.030 | 11349 | 71254 | 75.25  |
| 1.040 | 5784  | 77038 | 81.36  |
| 1.050 | 3974  | 81012 | 85.55  |
| 1.060 | 2593  | 83605 | 88.29  |
| 1.070 | 1865  | 85470 | 90.26  |
| 1.080 | 1084  | 86554 | 91.41  |
| 1.090 | 1249  | 87803 | 92.72  |
| 1.100 | 1152  | 88955 | 93.94  |
| 1.110 | 1287  | 90242 | 95.30  |
| 1.120 | 638   | 90880 | 95.97  |
| 1.130 | 762   | 91642 | 96.78  |
| 1.140 | 384   | 92026 | 97.18  |
| 1.150 | 142   | 92168 | 97.33  |
| 1.160 | 586   | 92754 | 97.95  |
| 1.170 | 245   | 92999 | 98.21  |
| 1.180 | 123   | 93122 | 98.34  |
| 1.190 | 280   | 93402 | 98.64  |
| 1.200 | 87    | 93489 | 98.73  |
| 1.210 | 147   | 93636 | 98.88  |
| 1.220 | 41    | 93677 | 98.93  |
| 1.230 | 141   | 93818 | 99.08  |
| 1.240 | 144   | 93962 | 99.23  |
| 1.250 | 196   | 94158 | 99.44  |
| 1.260 | 84    | 94242 | 99.52  |
| 1.270 | 54    | 94296 | 99.58  |
| 1.280 | 79    | 94375 | 99.67  |
| 1.290 | 47    | 94422 | 99.71  |
| 1.300 | 47    | 94469 | 99.76  |
| 1.310 | 42    | 94511 | 99.81  |
| 1.320 | 109   | 94620 | 99.92  |
| 1.330 | 18    | 94638 | 99.94  |
| 1.340 | 4     | 94642 | 99.95  |
| 1.350 | 8     | 94650 | 99.96  |
| 1.360 | 4     | 94654 | 99.96  |
| 1.370 | 1     | 94655 | 99.96  |
| 1.380 | 0     | 94655 | 99.96  |
| 1.390 | 1     | 94656 | 99.96  |
| 1.400 | 0     | 94656 | 99.96  |
| 1.410 | 0     | 94656 | 99.96  |
| 1.420 | 12    | 94668 | 99.97  |
| 1.430 | 8     | 94676 | 99.98  |
| 1.440 | 8     | 94684 | 99.99  |
| 1.450 | 8     | 94692 | 100.00 |
| 1.460 | 0     | 94692 | 100.00 |
| 1.470 | 0     | 94692 | 100.00 |
| 1.480 | 0     | 94692 | 100.00 |
| 1.490 | 0     | 94692 | 100.00 |
| 1.500 | 0     | 94692 | 100.00 |
| 1.510 | 0     | 94692 | 100.00 |
| 1.520 | 0     | 94692 | 100.00 |
| 1.530 | 0     | 94692 | 100.00 |

|       |   |       |        |
|-------|---|-------|--------|
| 1.540 | 0 | 94692 | 100.00 |
| 1.550 | 0 | 94692 | 100.00 |
| 1.560 | 0 | 94692 | 100.00 |
| 1.570 | 0 | 94692 | 100.00 |
| 1.580 | 0 | 94692 | 100.00 |
| 1.590 | 0 | 94692 | 100.00 |
| Above | 0 | 94692 | 100.00 |

| Year | MTU     | B Assy | P Assy |
|------|---------|--------|--------|
| 2010 | 295.52  | 1100   | 273    |
| 2011 | 605.55  | 1892   | 798    |
| 2012 | 1189.87 | 3013   | 1638   |
| 2013 | 2006.60 | 4597   | 2877   |
| 2014 | 2993.96 | 7235   | 4011   |
| 2015 | 3003.99 | 6114   | 4488   |
| 2016 | 3002.50 | 6313   | 4467   |
| 2017 | 2996.88 | 5961   | 4578   |
| 2018 | 3009.69 | 6026   | 4527   |
| 2019 | 2983.20 | 4949   | 4851   |
| 2020 | 3014.12 | 5653   | 4677   |
| 2021 | 2988.03 | 5389   | 4707   |
| 2022 | 3002.58 | 5961   | 4539   |
| 2023 | 3004.50 | 5345   | 4704   |
| 2024 | 2989.08 | 5213   | 4767   |
| 2025 | 2999.40 | 6049   | 4431   |
| 2026 | 3007.56 | 6477   | 4281   |
| 2027 | 3022.47 | 4972   | 4968   |
| 2028 | 2993.96 | 6116   | 4326   |
| 2029 | 2986.13 | 5192   | 4770   |
| 2030 | 2992.69 | 6160   | 4278   |
| 2031 | 3005.76 | 4928   | 4854   |
| 2032 | 2983.62 | 6160   | 4320   |
| 2033 | 1932.31 | 4505   | 2562   |
| 2034 | 0.00    | 0      | 0      |
| 2035 | 0.00    | 0      | 0      |
| 2036 | 0.00    | 0      | 0      |
| 2037 | 0.00    | 0      | 0      |
| 2038 | 0.00    | 0      | 0      |
| 2039 | 0.00    | 0      | 0      |
| 2040 | 0.00    | 0      | 0      |
| 2041 | 0.00    | 0      | 0      |
| 2042 | 0.00    | 0      | 0      |
| 2043 | 0.00    | 0      | 0      |
| 2044 | 0.00    | 0      | 0      |
| 2045 | 0.00    | 0      | 0      |

Average age = 23.242

JUNK FILE LISTING:

|                      |                                  |             |
|----------------------|----------------------------------|-------------|
| Nassy=1 burnup=1.87  | kinf=1.529 Enrch=3.63 Dschg=1968 | WEST VALLEY |
| Nassy=2 burnup=1.45  | kinf=1.536 Enrch=3.63 Dschg=1968 | WEST VALLEY |
| Nassy=2 burnup=1.53  | kinf=1.535 Enrch=3.63 Dschg=1968 | WEST VALLEY |
| Nassy=1 burnup=6.38  | kinf=1.455 Enrch=3.63 Dschg=1969 | WEST VALLEY |
| Nassy=2 burnup=0.32  | kinf=1.314 Enrch=2.13 Dschg=1970 | GE MORRIS ( |
| Nassy=1 burnup=0.32  | kinf=1.315 Enrch=2.13 Dschg=1970 | GE MORRIS ( |
| Nassy=3 burnup=0.35  | kinf=1.314 Enrch=2.13 Dschg=1970 | GE MORRIS ( |
| Nassy=8 burnup=0.34  | kinf=1.314 Enrch=2.13 Dschg=1970 | GE MORRIS ( |
| Nassy=1 burnup=0.35  | kinf=1.314 Enrch=2.13 Dschg=1970 | GE MORRIS ( |
| Nassy=1 burnup=0.18  | kinf=1.317 Enrch=2.13 Dschg=1970 | GE MORRIS ( |
| Nassy=1 burnup=0.36  | kinf=1.314 Enrch=2.13 Dschg=1970 | GE MORRIS ( |
| Nassy=1 burnup=0.23  | kinf=1.317 Enrch=2.13 Dschg=1970 | GE MORRIS ( |
| Nassy=1 burnup=0.32  | kinf=1.314 Enrch=2.13 Dschg=1970 | GE MORRIS ( |
| Nassy=10 burnup=0.34 | kinf=1.315 Enrch=2.13 Dschg=1970 | GE MORRIS ( |
| Nassy=1 burnup=1.48  | kinf=1.297 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=0.86  | kinf=1.307 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.22  | kinf=1.301 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=7 burnup=1.63  | kinf=1.295 Enrch=2.13 Dschg=1971 | GE MORRIS ( |

|                      |                                  |             |
|----------------------|----------------------------------|-------------|
| Nassy=3 burnup=1.77  | kinf=1.260 Enrch=1.93 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.31  | kinf=1.299 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=6 burnup=1.86  | kinf=1.291 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=4 burnup=1.85  | kinf=1.257 Enrch=1.93 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.79  | kinf=1.292 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.79  | kinf=1.292 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=19 burnup=1.74 | kinf=1.293 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.34  | kinf=1.299 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.46  | kinf=1.270 Enrch=1.97 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.57  | kinf=1.267 Enrch=1.96 Dschg=1971 | GE MORRIS ( |
| Nassy=8 burnup=1.50  | kinf=1.297 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=5 burnup=1.76  | kinf=1.261 Enrch=1.94 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=1.23  | kinf=1.279 Enrch=2.00 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.23  | kinf=1.279 Enrch=2.00 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.31  | kinf=1.299 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=1.46  | kinf=1.298 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=6 burnup=1.48  | kinf=1.297 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=4 burnup=1.00  | kinf=1.305 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=1.09  | kinf=1.303 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=4 burnup=1.27  | kinf=1.300 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=0.86  | kinf=1.307 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.28  | kinf=1.300 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=1.32  | kinf=1.275 Enrch=1.99 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.11  | kinf=1.302 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=5 burnup=1.42  | kinf=1.298 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=6 burnup=1.23  | kinf=1.301 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=6 burnup=1.34  | kinf=1.300 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=5 burnup=1.34  | kinf=1.300 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=5 burnup=1.88  | kinf=1.291 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=4 burnup=1.15  | kinf=1.302 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=8 burnup=1.44  | kinf=1.298 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=15 burnup=1.85 | kinf=1.291 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=5 burnup=1.85  | kinf=1.291 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=0.86  | kinf=1.291 Enrch=2.04 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.62  | kinf=1.265 Enrch=1.96 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.64  | kinf=1.264 Enrch=1.95 Dschg=1971 | GE MORRIS ( |
| Nassy=25 burnup=1.83 | kinf=1.292 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=1.13  | kinf=1.303 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=16 burnup=1.63 | kinf=1.295 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=8 burnup=1.63  | kinf=1.295 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=1.78  | kinf=1.260 Enrch=1.94 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=9.28  | kinf=1.410 Enrch=3.63 Dschg=1971 | WEST VALLEY |
| Nassy=1 burnup=4.99  | kinf=1.478 Enrch=3.63 Dschg=1971 | WEST VALLEY |
| Nassy=1 burnup=8.24  | kinf=1.426 Enrch=3.63 Dschg=1971 | WEST VALLEY |
| Nassy=1 burnup=9.23  | kinf=1.411 Enrch=3.63 Dschg=1971 | WEST VALLEY |
| Nassy=1 burnup=1.53  | kinf=1.318 Enrch=2.26 Dschg=1971 | DRESDEN     |
| Nassy=1 burnup=4.49  | kinf=1.250 Enrch=2.11 Dschg=1971 | OYSTER CRK  |
| Nassy=1 burnup=3.27  | kinf=1.212 Enrch=1.78 Dschg=1972 | GE MORRIS ( |
| Nassy=33 burnup=4.52 | kinf=1.253 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=27 burnup=4.52 | kinf=1.253 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=17 burnup=3.43 | kinf=1.269 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=19 burnup=3.43 | kinf=1.269 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=12 burnup=2.81 | kinf=1.227 Enrch=1.83 Dschg=1972 | GE MORRIS ( |
| Nassy=10 burnup=3.13 | kinf=1.217 Enrch=1.80 Dschg=1972 | GE MORRIS ( |
| Nassy=3 burnup=3.87  | kinf=1.195 Enrch=1.73 Dschg=1972 | GE MORRIS ( |
| Nassy=27 burnup=3.87 | kinf=1.195 Enrch=1.73 Dschg=1972 | GE MORRIS ( |
| Nassy=17 burnup=4.14 | kinf=1.258 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=17 burnup=4.14 | kinf=1.258 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=27 burnup=4.14 | kinf=1.258 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=6 burnup=4.14  | kinf=1.258 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=14 burnup=4.62 | kinf=1.173 Enrch=1.67 Dschg=1972 | GE MORRIS ( |
| Nassy=13 burnup=3.39 | kinf=1.209 Enrch=1.77 Dschg=1972 | GE MORRIS ( |
| Nassy=1 burnup=3.34  | kinf=1.269 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=4 burnup=3.34  | kinf=1.269 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=5 burnup=4.77  | kinf=1.249 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=1 burnup=3.84  | kinf=1.195 Enrch=1.73 Dschg=1972 | GE MORRIS ( |
| Nassy=4 burnup=3.84  | kinf=1.195 Enrch=1.73 Dschg=1972 | GE MORRIS ( |
| Nassy=1 burnup=3.28  | kinf=1.271 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=1 burnup=2.73  | kinf=1.279 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=23 burnup=4.69 | kinf=1.250 Enrch=2.13 Dschg=1972 | GE MORRIS ( |

|                      |                                  |             |
|----------------------|----------------------------------|-------------|
| Nassy=15 burnup=4.31 | kinf=1.182 Enrch=1.69 Dschg=1972 | GE MORRIS ( |
| Nassy=7 burnup=4.31  | kinf=1.182 Enrch=1.69 Dschg=1972 | GE MORRIS ( |
| Nassy=1 burnup=4.31  | kinf=1.182 Enrch=1.69 Dschg=1972 | GE MORRIS ( |
| Nassy=10 burnup=3.12 | kinf=1.273 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=13 burnup=3.60 | kinf=1.203 Enrch=1.76 Dschg=1972 | GE MORRIS ( |
| Nassy=4 burnup=2.84  | kinf=1.277 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=9 burnup=4.38  | kinf=1.254 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=24 burnup=4.38 | kinf=1.254 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=20 burnup=4.38 | kinf=1.254 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=2 burnup=4.38  | kinf=1.254 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=3 burnup=3.91  | kinf=1.261 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=21 burnup=3.79 | kinf=1.263 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=15 burnup=3.77 | kinf=1.264 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=3 burnup=3.77  | kinf=1.264 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=41 burnup=3.77 | kinf=1.264 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=3 burnup=4.39  | kinf=1.179 Enrch=1.68 Dschg=1972 | GE MORRIS ( |
| Nassy=14 burnup=4.39 | kinf=1.179 Enrch=1.68 Dschg=1972 | GE MORRIS ( |
| Nassy=7 burnup=4.39  | kinf=1.179 Enrch=1.68 Dschg=1972 | GE MORRIS ( |
| Nassy=14 burnup=4.64 | kinf=1.172 Enrch=1.66 Dschg=1972 | GE MORRIS ( |
| Nassy=1 burnup=8.59  | kinf=1.421 Enrch=3.63 Dschg=1972 | WEST VALLEY |
| Nassy=1 burnup=9.12  | kinf=1.413 Enrch=3.63 Dschg=1972 | WEST VALLEY |
| Nassy=1 burnup=8.73  | kinf=1.419 Enrch=3.63 Dschg=1972 | WEST VALLEY |
| Nassy=2 burnup=4.86  | kinf=1.239 Enrch=2.08 Dschg=1972 | MILLSTONE   |
| Nassy=4 burnup=6.45  | kinf=1.454 Enrch=3.63 Dschg=1973 | WEST VALLEY |
| Nassy=1 burnup=8.75  | kinf=1.418 Enrch=3.63 Dschg=1973 | WEST VALLEY |
| Nassy=1 burnup=7.35  | kinf=1.440 Enrch=3.63 Dschg=1973 | WEST VALLEY |
| Nassy=1 burnup=3.88  | kinf=1.262 Enrch=2.13 Dschg=1973 | DRESDEN     |
| Nassy=2 burnup=6.96  | kinf=1.246 Enrch=2.13 Dschg=1973 | DRESDEN     |
| Nassy=1 burnup=1.05  | kinf=1.365 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=3 burnup=0.97  | kinf=1.366 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=5 burnup=4.32  | kinf=1.315 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=1 burnup=0.99  | kinf=1.366 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=11 burnup=4.39 | kinf=1.315 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=10 burnup=4.39 | kinf=1.315 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=2 burnup=4.00  | kinf=1.320 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=5 burnup=4.05  | kinf=1.320 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=4 burnup=1.16  | kinf=1.364 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=3 burnup=4.66  | kinf=1.311 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=3 burnup=4.66  | kinf=1.311 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=1 burnup=0.99  | kinf=1.366 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=1 burnup=4.69  | kinf=1.310 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=1 burnup=9.23  | kinf=1.411 Enrch=3.63 Dschg=1973 | LACROSSE    |
| Nassy=3 burnup=9.23  | kinf=1.411 Enrch=3.63 Dschg=1973 | LACROSSE    |
| Nassy=1 burnup=8.77  | kinf=1.418 Enrch=3.63 Dschg=1973 | LACROSSE    |
| Nassy=4 burnup=9.10  | kinf=1.413 Enrch=3.63 Dschg=1973 | LACROSSE    |
| Nassy=1 burnup=3.97  | kinf=1.271 Enrch=2.19 Dschg=1973 | PILGRIM     |
| Nassy=1 burnup=2.63  | kinf=1.290 Enrch=2.19 Dschg=1974 | PILGRIM     |
| Nassy=1 burnup=8.95  | kinf=1.415 Enrch=3.63 Dschg=1974 | WEST VALLEY |
| Nassy=1 burnup=8.15  | kinf=1.428 Enrch=3.63 Dschg=1974 | WEST VALLEY |
| Nassy=2 burnup=4.95  | kinf=1.306 Enrch=2.50 Dschg=1974 | VT YANKEE   |
| Nassy=6 burnup=4.95  | kinf=1.306 Enrch=2.50 Dschg=1974 | VT YANKEE   |
| Nassy=1 burnup=7.57  | kinf=1.476 Enrch=3.92 Dschg=1975 | LACROSSE    |
| Nassy=1 burnup=3.71  | kinf=1.263 Enrch=2.12 Dschg=1975 | DUANE ARNOL |
| Nassy=1 burnup=3.78  | kinf=1.280 Enrch=2.23 Dschg=1975 | DRESDEN     |
| Nassy=1 burnup=4.80  | kinf=1.467 Enrch=3.54 Dschg=1976 | BIG ROCK    |
| Nassy=1 burnup=2.90  | kinf=1.273 Enrch=2.11 Dschg=1976 | BRUNSWICK   |
| Nassy=1 burnup=3.30  | kinf=1.267 Enrch=2.11 Dschg=1976 | BRUNSWICK   |
| Nassy=2 burnup=2.43  | kinf=1.105 Enrch=1.11 Dschg=1976 | BRUNSWICK   |
| Nassy=2 burnup=3.05  | kinf=1.320 Enrch=2.41 Dschg=1976 | HUMBOLDT BA |
| Nassy=2 burnup=3.30  | kinf=1.315 Enrch=2.40 Dschg=1976 | HUMBOLDT BA |
| Nassy=1 burnup=2.43  | kinf=1.329 Enrch=2.41 Dschg=1976 | HUMBOLDT BA |
| Nassy=3 burnup=2.43  | kinf=1.329 Enrch=2.41 Dschg=1976 | HUMBOLDT BA |
| Nassy=2 burnup=2.69  | kinf=1.325 Enrch=2.41 Dschg=1976 | HUMBOLDT BA |
| Nassy=2 burnup=3.89  | kinf=1.308 Enrch=2.41 Dschg=1976 | HUMBOLDT BA |
| Nassy=2 burnup=4.34  | kinf=1.301 Enrch=2.41 Dschg=1976 | HUMBOLDT BA |
| Nassy=1 burnup=1.31  | kinf=1.346 Enrch=2.41 Dschg=1976 | HUMBOLDT BA |
| Nassy=1 burnup=12.04 | kinf=1.407 Enrch=3.92 Dschg=1977 | LACROSSE    |
| Nassy=1 burnup=12.30 | kinf=1.403 Enrch=3.93 Dschg=1977 | LACROSSE    |
| Nassy=1 burnup=7.61  | kinf=1.476 Enrch=3.92 Dschg=1977 | LACROSSE    |
| Nassy=1 burnup=12.42 | kinf=1.401 Enrch=3.92 Dschg=1977 | LACROSSE    |

|                      |                                  |             |
|----------------------|----------------------------------|-------------|
| Nassy=5 burnup=3.65  | kinf=1.282 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=2 burnup=3.35  | kinf=1.287 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=4 burnup=3.35  | kinf=1.287 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=2 burnup=3.08  | kinf=1.291 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=4 burnup=4.00  | kinf=1.277 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=21 burnup=4.97 | kinf=1.263 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=5 burnup=4.97  | kinf=1.263 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=1 burnup=4.53  | kinf=1.269 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=22 burnup=4.53 | kinf=1.269 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=4 burnup=3.58  | kinf=1.019 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=16 burnup=1.89 | kinf=1.041 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=10 burnup=2.53 | kinf=1.032 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=14 burnup=2.53 | kinf=1.032 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=1 burnup=2.53  | kinf=1.032 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=3 burnup=2.53  | kinf=1.032 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=16 burnup=2.83 | kinf=1.028 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=8 burnup=4.31  | kinf=1.009 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=2 burnup=3.00  | kinf=1.026 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=2 burnup=3.00  | kinf=1.026 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=8 burnup=3.15  | kinf=1.024 Enrch=0.72 Dschg=1985 | SUSQUEHANNA |
| Nassy=8 burnup=4.11  | kinf=1.012 Enrch=0.72 Dschg=1985 | SUSQUEHANNA |
| Nassy=12 burnup=4.71 | kinf=1.004 Enrch=0.72 Dschg=1985 | SUSQUEHANNA |
| Nassy=24 burnup=4.71 | kinf=1.004 Enrch=0.72 Dschg=1985 | SUSQUEHANNA |
| Nassy=12 burnup=4.71 | kinf=1.004 Enrch=0.72 Dschg=1985 | SUSQUEHANNA |
| Nassy=8 burnup=2.96  | kinf=1.027 Enrch=0.72 Dschg=1985 | SUSQUEHANNA |
| Nassy=1 burnup=3.14  | kinf=1.024 Enrch=0.72 Dschg=1985 | LASALLE     |
| Nassy=3 burnup=3.14  | kinf=1.024 Enrch=0.72 Dschg=1985 | LASALLE     |
| Nassy=8 burnup=4.86  | kinf=1.003 Enrch=0.72 Dschg=1985 | LASALLE     |
| Nassy=8 burnup=2.92  | kinf=1.027 Enrch=0.72 Dschg=1985 | LASALLE     |
| Nassy=8 burnup=3.41  | kinf=1.021 Enrch=0.72 Dschg=1985 | LASALLE     |
| Nassy=17 burnup=4.08 | kinf=1.012 Enrch=0.72 Dschg=1985 | LASALLE     |
| Nassy=1 burnup=4.08  | kinf=1.012 Enrch=0.72 Dschg=1985 | LASALLE     |
| Nassy=30 burnup=3.91 | kinf=1.015 Enrch=0.72 Dschg=1985 | LASALLE     |
| Nassy=8 burnup=2.64  | kinf=1.031 Enrch=0.72 Dschg=1985 | LASALLE     |
| Nassy=8 burnup=2.22  | kinf=1.038 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=14 burnup=2.86 | kinf=1.030 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=8 burnup=3.07  | kinf=1.027 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=6 burnup=2.65  | kinf=1.033 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=16 burnup=2.65 | kinf=1.033 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=2 burnup=2.65  | kinf=1.033 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=6 burnup=2.65  | kinf=1.033 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=6 burnup=2.65  | kinf=1.033 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=6 burnup=2.65  | kinf=1.033 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=11 burnup=1.77 | kinf=1.044 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=5 burnup=1.77  | kinf=1.044 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=4 burnup=3.28  | kinf=1.024 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=2 burnup=4.17  | kinf=1.013 Enrch=0.73 Dschg=1986 | SUSQUEHANNA |
| Nassy=4 burnup=4.00  | kinf=1.013 Enrch=0.72 Dschg=1987 | LASALLE     |
| Nassy=44 burnup=4.00 | kinf=1.013 Enrch=0.72 Dschg=1987 | LASALLE     |
| Nassy=15 burnup=4.00 | kinf=1.013 Enrch=0.72 Dschg=1987 | LASALLE     |
| Nassy=22 burnup=4.00 | kinf=1.013 Enrch=0.72 Dschg=1987 | LASALLE     |
| Nassy=6 burnup=4.00  | kinf=1.013 Enrch=0.72 Dschg=1987 | LASALLE     |
| Nassy=1 burnup=4.00  | kinf=1.013 Enrch=0.72 Dschg=1987 | LASALLE     |
| Nassy=18 burnup=5.00 | kinf=1.487 Enrch=3.70 Dschg=1987 | LACROSSE    |
| Nassy=5 burnup=5.00  | kinf=1.487 Enrch=3.70 Dschg=1987 | LACROSSE    |
| Nassy=1 burnup=5.00  | kinf=1.488 Enrch=3.71 Dschg=1987 | LACROSSE    |
| Nassy=30 burnup=3.00 | kinf=1.026 Enrch=0.72 Dschg=1989 | CLINTON     |
| Nassy=18 burnup=3.00 | kinf=1.026 Enrch=0.72 Dschg=1989 | CLINTON     |
| Nassy=4 burnup=3.00  | kinf=1.026 Enrch=0.72 Dschg=1989 | CLINTON     |
| Nassy=8 burnup=3.00  | kinf=1.026 Enrch=0.72 Dschg=1989 | CLINTON     |
| Nassy=2 burnup=3.00  | kinf=1.026 Enrch=0.72 Dschg=1989 | CLINTON     |
| Nassy=14 burnup=3.00 | kinf=1.026 Enrch=0.72 Dschg=1989 | CLINTON     |
| Nassy=1 burnup=3.00  | kinf=1.026 Enrch=0.72 Dschg=1989 | ENRICO FERM |
| Nassy=44 burnup=3.00 | kinf=1.026 Enrch=0.72 Dschg=1989 | ENRICO FERM |
| Nassy=20 burnup=3.00 | kinf=1.026 Enrch=0.72 Dschg=1989 | ENRICO FERM |
| Nassy=2 burnup=3.00  | kinf=1.026 Enrch=0.72 Dschg=1989 | ENRICO FERM |
| Nassy=1 burnup=3.00  | kinf=1.026 Enrch=0.72 Dschg=1989 | ENRICO FERM |
| Nassy=5 burnup=3.00  | kinf=1.026 Enrch=0.72 Dschg=1989 | ENRICO FERM |
| Nassy=7 burnup=3.00  | kinf=1.026 Enrch=0.72 Dschg=1989 | ENRICO FERM |
| Nassy=12 burnup=3.00 | kinf=1.026 Enrch=0.72 Dschg=1989 | ENRICO FERM |

|                      |                                  |             |
|----------------------|----------------------------------|-------------|
| Nassy=9 burnup=4.00  | kinf=1.013 Enrch=0.72 Dschg=1990 | NINE MILE P |
| Nassy=24 burnup=4.00 | kinf=1.013 Enrch=0.72 Dschg=1990 | NINE MILE P |
| Nassy=19 burnup=4.00 | kinf=1.013 Enrch=0.72 Dschg=1990 | NINE MILE P |
| Nassy=1 burnup=4.00  | kinf=1.013 Enrch=0.72 Dschg=1990 | NINE MILE P |
| Nassy=28 burnup=4.00 | kinf=1.013 Enrch=0.72 Dschg=1990 | NINE MILE P |
| Nassy=11 burnup=4.00 | kinf=1.013 Enrch=0.72 Dschg=1990 | NINE MILE P |
| Nassy=27 burnup=3.00 | kinf=1.026 Enrch=0.72 Dschg=1991 | LIMERICK    |
| Nassy=44 burnup=3.00 | kinf=1.026 Enrch=0.72 Dschg=1991 | LIMERICK    |
| Nassy=13 burnup=3.00 | kinf=1.026 Enrch=0.72 Dschg=1991 | LIMERICK    |
| Nassy=8 burnup=3.00  | kinf=1.026 Enrch=0.72 Dschg=1991 | LIMERICK    |
| Nassy=28 burnup=7.19 | kinf=1.402 Enrch=3.35 Dschg=2009 | NINE MILE P |
| Nassy=88 burnup=7.19 | kinf=1.402 Enrch=3.35 Dschg=2009 | NINE MILE P |
| Nassy=37 burnup=7.19 | kinf=1.402 Enrch=3.35 Dschg=2009 | NINE MILE P |
| Nassy=4 burnup=7.19  | kinf=1.402 Enrch=3.35 Dschg=2009 | NINE MILE P |
| Nassy=19 burnup=7.19 | kinf=1.402 Enrch=3.35 Dschg=2009 | NINE MILE P |
| Nassy=1 burnup=7.59  | kinf=1.400 Enrch=3.38 Dschg=2009 | OYSTER CRK  |
| Nassy=44 burnup=7.59 | kinf=1.400 Enrch=3.38 Dschg=2009 | OYSTER CRK  |
| Nassy=27 burnup=7.59 | kinf=1.400 Enrch=3.38 Dschg=2009 | OYSTER CRK  |
| Nassy=8 burnup=7.59  | kinf=1.400 Enrch=3.38 Dschg=2009 | OYSTER CRK  |
| Nassy=6 burnup=6.41  | kinf=1.443 Enrch=3.55 Dschg=2012 | QUAD CITIES |
| Nassy=88 burnup=6.41 | kinf=1.443 Enrch=3.55 Dschg=2012 | QUAD CITIES |
| Nassy=36 burnup=6.41 | kinf=1.443 Enrch=3.55 Dschg=2012 | QUAD CITIES |
| Nassy=23 burnup=6.41 | kinf=1.443 Enrch=3.55 Dschg=2012 | QUAD CITIES |
| Nassy=30 burnup=6.61 | kinf=1.438 Enrch=3.54 Dschg=2014 | BRUNSWICK   |
| Nassy=44 burnup=6.61 | kinf=1.438 Enrch=3.54 Dschg=2014 | BRUNSWICK   |
| Nassy=5 burnup=6.61  | kinf=1.438 Enrch=3.54 Dschg=2014 | BRUNSWICK   |
| Nassy=13 burnup=6.61 | kinf=1.438 Enrch=3.54 Dschg=2014 | BRUNSWICK   |

-----  
INPUT FILE LISTING:  
-----

| #bins | Input_file | Output_file | Case_title         | Last_delivery |
|-------|------------|-------------|--------------------|---------------|
| 0     | case8.wsm  | case8.out   | W8:off_aucf_noi_63 | 2045          |
| Type  | Cap        | Hmin        | Hmax               | Kmin          |
|       |            |             |                    | Kmax          |

-----  
OUTPUT FILE LISTING:  
-----

W8:off\_aucf\_noi\_63  
Standard Table

BWR Heat Percentiles

| Watts/Assy | Assy | Cum Assy | Percent |
|------------|------|----------|---------|
| 10         | 464  | 464      | 0.37    |
| 20         | 1520 | 1984     | 1.58    |
| 30         | 1590 | 3574     | 2.85    |
| 40         | 2652 | 6226     | 4.97    |
| 50         | 2513 | 8739     | 6.97    |
| 60         | 3258 | 11997    | 9.57    |
| 70         | 3718 | 15715    | 12.54   |
| 80         | 4219 | 19934    | 15.90   |
| 90         | 3195 | 23129    | 18.45   |
| 100        | 3850 | 26979    | 21.52   |
| 110        | 4187 | 31166    | 24.86   |
| 120        | 5243 | 36409    | 29.05   |
| 130        | 4633 | 41042    | 32.74   |
| 140        | 2580 | 43622    | 34.80   |
| 150        | 2992 | 46614    | 37.19   |
| 160        | 3149 | 49763    | 39.70   |
| 170        | 3359 | 53122    | 42.38   |
| 180        | 3028 | 56150    | 44.80   |
| 190        | 4652 | 60802    | 48.51   |
| 200        | 5037 | 65839    | 52.53   |
| 210        | 5860 | 71699    | 57.20   |
| 220        | 6193 | 77892    | 62.14   |
| 230        | 6272 | 84164    | 67.15   |
| 240        | 6552 | 90716    | 72.37   |
| 250        | 6314 | 97030    | 77.41   |
| 260        | 5601 | 102631   | 81.88   |
| 270        | 3998 | 106629   | 85.07   |
| 280        | 3604 | 110233   | 87.95   |
| 290        | 3315 | 113548   | 90.59   |
| 300        | 2555 | 116103   | 92.63   |
| 310        | 2348 | 118451   | 94.50   |
| 320        | 2135 | 120586   | 96.20   |
| 330        | 1547 | 122133   | 97.44   |
| 340        | 1150 | 123283   | 98.36   |
| 350        | 1196 | 124479   | 99.31   |
| 360        | 780  | 125259   | 99.93   |
| 370        | 84   | 125343   | 100.00  |
| 380        | 0    | 125343   | 100.00  |
| 390        | 0    | 125343   | 100.00  |
| 400        | 0    | 125343   | 100.00  |
| 410        | 0    | 125343   | 100.00  |
| 420        | 0    | 125343   | 100.00  |
| 430        | 0    | 125343   | 100.00  |
| 440        | 0    | 125343   | 100.00  |
| 450        | 0    | 125343   | 100.00  |
| 460        | 0    | 125343   | 100.00  |
| 470        | 0    | 125343   | 100.00  |
| 480        | 0    | 125343   | 100.00  |
| 490        | 0    | 125343   | 100.00  |
| 500        | 0    | 125343   | 100.00  |
| 510        | 0    | 125343   | 100.00  |
| 520        | 0    | 125343   | 100.00  |
| 530        | 0    | 125343   | 100.00  |
| 540        | 0    | 125343   | 100.00  |
| 550        | 0    | 125343   | 100.00  |

|       |   |        |        |
|-------|---|--------|--------|
| 560   | 0 | 125343 | 100.00 |
| 570   | 0 | 125343 | 100.00 |
| 580   | 0 | 125343 | 100.00 |
| 590   | 0 | 125343 | 100.00 |
| 600   | 0 | 125343 | 100.00 |
| 610   | 0 | 125343 | 100.00 |
| 620   | 0 | 125343 | 100.00 |
| 630   | 0 | 125343 | 100.00 |
| 640   | 0 | 125343 | 100.00 |
| 650   | 0 | 125343 | 100.00 |
| 660   | 0 | 125343 | 100.00 |
| 670   | 0 | 125343 | 100.00 |
| 680   | 0 | 125343 | 100.00 |
| 690   | 0 | 125343 | 100.00 |
| 700   | 0 | 125343 | 100.00 |
| 710   | 0 | 125343 | 100.00 |
| 720   | 0 | 125343 | 100.00 |
| 730   | 0 | 125343 | 100.00 |
| 740   | 0 | 125343 | 100.00 |
| 750   | 0 | 125343 | 100.00 |
| 760   | 0 | 125343 | 100.00 |
| 770   | 0 | 125343 | 100.00 |
| 780   | 0 | 125343 | 100.00 |
| 790   | 0 | 125343 | 100.00 |
| 800   | 0 | 125343 | 100.00 |
| 810   | 0 | 125343 | 100.00 |
| 820   | 0 | 125343 | 100.00 |
| 830   | 0 | 125343 | 100.00 |
| 840   | 0 | 125343 | 100.00 |
| 850   | 0 | 125343 | 100.00 |
| 860   | 0 | 125343 | 100.00 |
| 870   | 0 | 125343 | 100.00 |
| 880   | 0 | 125343 | 100.00 |
| 890   | 0 | 125343 | 100.00 |
| 900   | 0 | 125343 | 100.00 |
| 910   | 0 | 125343 | 100.00 |
| 920   | 0 | 125343 | 100.00 |
| 930   | 0 | 125343 | 100.00 |
| 940   | 0 | 125343 | 100.00 |
| 950   | 0 | 125343 | 100.00 |
| 960   | 0 | 125343 | 100.00 |
| 970   | 0 | 125343 | 100.00 |
| 980   | 0 | 125343 | 100.00 |
| 990   | 0 | 125343 | 100.00 |
| Above | 0 | 125343 | 100.00 |

BWR Kinf Percentiles

| Kinf  | Assy | CumAssy | Percent |
|-------|------|---------|---------|
| 0.760 | 0    | 0       | 0.00    |
| 0.770 | 0    | 0       | 0.00    |
| 0.780 | 0    | 0       | 0.00    |
| 0.790 | 0    | 0       | 0.00    |
| 0.800 | 0    | 0       | 0.00    |
| 0.810 | 0    | 0       | 0.00    |
| 0.820 | 0    | 0       | 0.00    |
| 0.830 | 11   | 11      | 0.01    |
| 0.840 | 8    | 19      | 0.02    |
| 0.850 | 32   | 51      | 0.04    |
| 0.860 | 114  | 165     | 0.13    |
| 0.870 | 0    | 165     | 0.13    |
| 0.880 | 0    | 165     | 0.13    |
| 0.890 | 53   | 218     | 0.17    |
| 0.900 | 249  | 467     | 0.37    |
| 0.910 | 100  | 567     | 0.45    |
| 0.920 | 956  | 1523    | 1.22    |
| 0.930 | 1328 | 2851    | 2.27    |
| 0.940 | 1550 | 4401    | 3.51    |
| 0.950 | 1413 | 5814    | 4.64    |
| 0.960 | 1969 | 7783    | 6.21    |

|       |       |        |        |
|-------|-------|--------|--------|
| 0.970 | 3488  | 11271  | 8.99   |
| 0.980 | 10678 | 21949  | 17.51  |
| 0.990 | 5217  | 27166  | 21.67  |
| 1.000 | 6802  | 33968  | 27.10  |
| 1.010 | 9010  | 42978  | 34.29  |
| 1.020 | 12216 | 55194  | 44.03  |
| 1.030 | 10692 | 65886  | 52.56  |
| 1.040 | 16930 | 82816  | 66.07  |
| 1.050 | 7066  | 89882  | 71.71  |
| 1.060 | 6641  | 96523  | 77.01  |
| 1.070 | 4578  | 101101 | 80.66  |
| 1.080 | 2641  | 103742 | 82.77  |
| 1.090 | 3191  | 106933 | 85.31  |
| 1.100 | 1847  | 108780 | 86.79  |
| 1.110 | 1235  | 110015 | 87.77  |
| 1.120 | 2163  | 112178 | 89.50  |
| 1.130 | 341   | 112519 | 89.77  |
| 1.140 | 1193  | 113712 | 90.72  |
| 1.150 | 955   | 114667 | 91.48  |
| 1.160 | 558   | 115225 | 91.93  |
| 1.170 | 1265  | 116490 | 92.94  |
| 1.180 | 616   | 117106 | 93.43  |
| 1.190 | 318   | 117424 | 93.68  |
| 1.200 | 290   | 117714 | 93.91  |
| 1.210 | 397   | 118111 | 94.23  |
| 1.220 | 242   | 118353 | 94.42  |
| 1.230 | 320   | 118673 | 94.68  |
| 1.240 | 357   | 119030 | 94.96  |
| 1.250 | 375   | 119405 | 95.26  |
| 1.260 | 703   | 120108 | 95.82  |
| 1.270 | 535   | 120643 | 96.25  |
| 1.280 | 300   | 120943 | 96.49  |
| 1.290 | 661   | 121604 | 97.02  |
| 1.300 | 378   | 121982 | 97.32  |
| 1.310 | 172   | 122154 | 97.46  |
| 1.320 | 138   | 122292 | 97.57  |
| 1.330 | 330   | 122622 | 97.83  |
| 1.340 | 370   | 122992 | 98.12  |
| 1.350 | 464   | 123456 | 98.49  |
| 1.360 | 35    | 123491 | 98.52  |
| 1.370 | 242   | 123733 | 98.72  |
| 1.380 | 790   | 124523 | 99.35  |
| 1.390 | 133   | 124656 | 99.45  |
| 1.400 | 125   | 124781 | 99.55  |
| 1.410 | 259   | 125040 | 99.76  |
| 1.420 | 16    | 125056 | 99.77  |
| 1.430 | 3     | 125059 | 99.77  |
| 1.440 | 92    | 125151 | 99.85  |
| 1.450 | 154   | 125305 | 99.97  |
| 1.460 | 5     | 125310 | 99.97  |
| 1.470 | 1     | 125311 | 99.97  |
| 1.480 | 3     | 125314 | 99.98  |
| 1.490 | 24    | 125338 | 100.00 |
| 1.500 | 0     | 125338 | 100.00 |
| 1.510 | 0     | 125338 | 100.00 |
| 1.520 | 0     | 125338 | 100.00 |
| 1.530 | 1     | 125339 | 100.00 |
| 1.540 | 4     | 125343 | 100.00 |
| 1.550 | 0     | 125343 | 100.00 |
| 1.560 | 0     | 125343 | 100.00 |
| 1.570 | 0     | 125343 | 100.00 |
| 1.580 | 0     | 125343 | 100.00 |
| 1.590 | 0     | 125343 | 100.00 |
| Above | 0     | 125343 | 100.00 |

| PWR Heat Percentiles |      |          |         |
|----------------------|------|----------|---------|
| Watts/Assy           | Assy | Cum Assy | Percent |
| 10                   | 8    | 8        | 0.01    |
| 20                   | 31   | 39       | 0.04    |

|     |      |       |       |
|-----|------|-------|-------|
| 30  | 18   | 57    | 0.06  |
| 40  | 60   | 117   | 0.12  |
| 50  | 98   | 215   | 0.23  |
| 60  | 78   | 293   | 0.31  |
| 70  | 118  | 411   | 0.43  |
| 80  | 176  | 587   | 0.62  |
| 90  | 277  | 864   | 0.91  |
| 100 | 184  | 1048  | 1.11  |
| 110 | 165  | 1213  | 1.28  |
| 120 | 462  | 1675  | 1.77  |
| 130 | 590  | 2265  | 2.39  |
| 140 | 628  | 2893  | 3.06  |
| 150 | 592  | 3485  | 3.68  |
| 160 | 457  | 3942  | 4.16  |
| 170 | 604  | 4546  | 4.80  |
| 180 | 904  | 5450  | 5.76  |
| 190 | 703  | 6153  | 6.50  |
| 200 | 726  | 6879  | 7.27  |
| 210 | 507  | 7386  | 7.80  |
| 220 | 1116 | 8502  | 8.98  |
| 230 | 886  | 9388  | 9.92  |
| 240 | 993  | 10381 | 10.97 |
| 250 | 1186 | 11567 | 12.22 |
| 260 | 810  | 12377 | 13.07 |
| 270 | 1445 | 13822 | 14.60 |
| 280 | 1055 | 14877 | 15.71 |
| 290 | 1464 | 16341 | 17.26 |
| 300 | 1100 | 17441 | 18.42 |
| 310 | 1149 | 18590 | 19.64 |
| 320 | 1275 | 19865 | 20.98 |
| 330 | 1416 | 21281 | 22.48 |
| 340 | 1267 | 22548 | 23.82 |
| 350 | 1261 | 23809 | 25.15 |
| 360 | 1375 | 25184 | 26.60 |
| 370 | 1514 | 26698 | 28.20 |
| 380 | 1492 | 28190 | 29.78 |
| 390 | 1689 | 29879 | 31.56 |
| 400 | 1430 | 31309 | 33.07 |
| 410 | 1509 | 32818 | 34.67 |
| 420 | 1375 | 34193 | 36.12 |
| 430 | 1951 | 36144 | 38.18 |
| 440 | 1701 | 37845 | 39.98 |
| 450 | 2208 | 40053 | 42.31 |
| 460 | 2331 | 42384 | 44.77 |
| 470 | 1988 | 44372 | 46.87 |
| 480 | 1697 | 46069 | 48.66 |
| 490 | 1989 | 48058 | 50.76 |
| 500 | 1771 | 49829 | 52.64 |
| 510 | 1366 | 51195 | 54.08 |
| 520 | 1800 | 52995 | 55.98 |
| 530 | 1482 | 54477 | 57.55 |
| 540 | 1821 | 56298 | 59.47 |
| 550 | 2174 | 58472 | 61.77 |
| 560 | 2044 | 60516 | 63.92 |
| 570 | 1841 | 62357 | 65.87 |
| 580 | 1813 | 64170 | 67.78 |
| 590 | 1864 | 66034 | 69.75 |
| 600 | 2221 | 68255 | 72.10 |
| 610 | 2025 | 70280 | 74.24 |
| 620 | 1792 | 72072 | 76.13 |
| 630 | 1419 | 73491 | 77.63 |
| 640 | 1695 | 75186 | 79.42 |
| 650 | 2016 | 77202 | 81.55 |
| 660 | 1618 | 78820 | 83.26 |
| 670 | 1547 | 80367 | 84.89 |
| 680 | 1571 | 81938 | 86.55 |
| 690 | 2088 | 84026 | 88.76 |
| 700 | 2951 | 86977 | 91.88 |
| 710 | 2349 | 89326 | 94.36 |
| 720 | 541  | 89867 | 94.93 |

|      |     |       |        |
|------|-----|-------|--------|
| 730  | 596 | 90463 | 95.56  |
| 740  | 532 | 90995 | 96.12  |
| 750  | 533 | 91528 | 96.68  |
| 760  | 203 | 91731 | 96.90  |
| 770  | 427 | 92158 | 97.35  |
| 780  | 375 | 92533 | 97.74  |
| 790  | 203 | 92736 | 97.96  |
| 800  | 206 | 92942 | 98.18  |
| 810  | 165 | 93107 | 98.33  |
| 820  | 272 | 93379 | 98.64  |
| 830  | 150 | 93529 | 98.80  |
| 840  | 64  | 93593 | 98.86  |
| 850  | 140 | 93733 | 99.01  |
| 860  | 151 | 93884 | 99.17  |
| 870  | 160 | 94044 | 99.34  |
| 880  | 71  | 94115 | 99.42  |
| 890  | 15  | 94130 | 99.43  |
| 900  | 24  | 94154 | 99.46  |
| 910  | 33  | 94187 | 99.49  |
| 920  | 93  | 94280 | 99.59  |
| 930  | 22  | 94302 | 99.61  |
| 940  | 1   | 94303 | 99.61  |
| 950  | 52  | 94355 | 99.67  |
| 960  | 110 | 94465 | 99.79  |
| 970  | 71  | 94536 | 99.86  |
| 980  | 18  | 94554 | 99.88  |
| 990  | 52  | 94606 | 99.93  |
| 1000 | 62  | 94668 | 100.00 |
| 1010 | 0   | 94668 | 100.00 |
| 1020 | 0   | 94668 | 100.00 |
| 1030 | 0   | 94668 | 100.00 |
| 1040 | 0   | 94668 | 100.00 |
| 1050 | 0   | 94668 | 100.00 |
| 1060 | 0   | 94668 | 100.00 |
| 1070 | 0   | 94668 | 100.00 |
| 1080 | 0   | 94668 | 100.00 |
| 1090 | 0   | 94668 | 100.00 |
| 1100 | 0   | 94668 | 100.00 |
| 1110 | 0   | 94668 | 100.00 |
| 1120 | 0   | 94668 | 100.00 |
| 1130 | 0   | 94668 | 100.00 |
| 1140 | 0   | 94668 | 100.00 |
| 1150 | 0   | 94668 | 100.00 |
| 1160 | 0   | 94668 | 100.00 |
| 1170 | 0   | 94668 | 100.00 |
| 1180 | 0   | 94668 | 100.00 |
| 1190 | 0   | 94668 | 100.00 |
| 1200 | 0   | 94668 | 100.00 |
| 1210 | 0   | 94668 | 100.00 |
| 1220 | 0   | 94668 | 100.00 |
| 1230 | 0   | 94668 | 100.00 |
| 1240 | 0   | 94668 | 100.00 |
| 1250 | 0   | 94668 | 100.00 |
| 1260 | 0   | 94668 | 100.00 |
| 1270 | 0   | 94668 | 100.00 |
| 1280 | 0   | 94668 | 100.00 |
| 1290 | 0   | 94668 | 100.00 |
| 1300 | 0   | 94668 | 100.00 |
| 1310 | 0   | 94668 | 100.00 |
| 1320 | 0   | 94668 | 100.00 |
| 1330 | 0   | 94668 | 100.00 |
| 1340 | 0   | 94668 | 100.00 |
| 1350 | 0   | 94668 | 100.00 |
| 1360 | 0   | 94668 | 100.00 |
| 1370 | 0   | 94668 | 100.00 |
| 1380 | 0   | 94668 | 100.00 |
| 1390 | 0   | 94668 | 100.00 |
| 1400 | 0   | 94668 | 100.00 |
| 1410 | 0   | 94668 | 100.00 |
| 1420 | 0   | 94668 | 100.00 |

|       |   |       |        |
|-------|---|-------|--------|
| 1430  | 0 | 94668 | 100.00 |
| 1440  | 0 | 94668 | 100.00 |
| 1450  | 0 | 94668 | 100.00 |
| 1460  | 0 | 94668 | 100.00 |
| 1470  | 0 | 94668 | 100.00 |
| 1480  | 0 | 94668 | 100.00 |
| 1490  | 0 | 94668 | 100.00 |
| 1500  | 0 | 94668 | 100.00 |
| 1510  | 0 | 94668 | 100.00 |
| 1520  | 0 | 94668 | 100.00 |
| 1530  | 0 | 94668 | 100.00 |
| 1540  | 0 | 94668 | 100.00 |
| 1550  | 0 | 94668 | 100.00 |
| 1560  | 0 | 94668 | 100.00 |
| 1570  | 0 | 94668 | 100.00 |
| 1580  | 0 | 94668 | 100.00 |
| 1590  | 0 | 94668 | 100.00 |
| 1600  | 0 | 94668 | 100.00 |
| 1610  | 0 | 94668 | 100.00 |
| 1620  | 0 | 94668 | 100.00 |
| 1630  | 0 | 94668 | 100.00 |
| 1640  | 0 | 94668 | 100.00 |
| 1650  | 0 | 94668 | 100.00 |
| 1660  | 0 | 94668 | 100.00 |
| 1670  | 0 | 94668 | 100.00 |
| 1680  | 0 | 94668 | 100.00 |
| 1690  | 0 | 94668 | 100.00 |
| 1700  | 0 | 94668 | 100.00 |
| 1710  | 0 | 94668 | 100.00 |
| 1720  | 0 | 94668 | 100.00 |
| 1730  | 0 | 94668 | 100.00 |
| 1740  | 0 | 94668 | 100.00 |
| 1750  | 0 | 94668 | 100.00 |
| 1760  | 0 | 94668 | 100.00 |
| 1770  | 0 | 94668 | 100.00 |
| 1780  | 0 | 94668 | 100.00 |
| 1790  | 0 | 94668 | 100.00 |
| 1800  | 0 | 94668 | 100.00 |
| 1810  | 0 | 94668 | 100.00 |
| 1820  | 0 | 94668 | 100.00 |
| 1830  | 0 | 94668 | 100.00 |
| 1840  | 0 | 94668 | 100.00 |
| 1850  | 0 | 94668 | 100.00 |
| 1860  | 0 | 94668 | 100.00 |
| 1870  | 0 | 94668 | 100.00 |
| 1880  | 0 | 94668 | 100.00 |
| 1890  | 0 | 94668 | 100.00 |
| 1900  | 0 | 94668 | 100.00 |
| 1910  | 0 | 94668 | 100.00 |
| 1920  | 0 | 94668 | 100.00 |
| 1930  | 0 | 94668 | 100.00 |
| 1940  | 0 | 94668 | 100.00 |
| 1950  | 0 | 94668 | 100.00 |
| 1960  | 0 | 94668 | 100.00 |
| 1970  | 0 | 94668 | 100.00 |
| 1980  | 0 | 94668 | 100.00 |
| 1990  | 0 | 94668 | 100.00 |
| Above | 0 | 94668 | 100.00 |

| PWR Kinf Percentiles | Kinf  | Assy | CumAssy | Percent |
|----------------------|-------|------|---------|---------|
|                      | 0.760 | 4    | 4       | 0.00    |
|                      | 0.770 | 0    | 4       | 0.00    |
|                      | 0.780 | 0    | 4       | 0.00    |
|                      | 0.790 | 0    | 4       | 0.00    |
|                      | 0.800 | 0    | 4       | 0.00    |
|                      | 0.810 | 24   | 28      | 0.03    |
|                      | 0.820 | 4    | 32      | 0.03    |
|                      | 0.830 | 91   | 123     | 0.13    |

|       |       |       |        |
|-------|-------|-------|--------|
| 0.840 | 1     | 124   | 0.13   |
| 0.850 | 0     | 124   | 0.13   |
| 0.860 | 2     | 126   | 0.13   |
| 0.870 | 1     | 127   | 0.13   |
| 0.880 | 23    | 150   | 0.16   |
| 0.890 | 85    | 235   | 0.25   |
| 0.900 | 109   | 344   | 0.36   |
| 0.910 | 131   | 475   | 0.50   |
| 0.920 | 133   | 608   | 0.64   |
| 0.930 | 254   | 862   | 0.91   |
| 0.940 | 953   | 1815  | 1.92   |
| 0.950 | 2371  | 4186  | 4.42   |
| 0.960 | 3772  | 7958  | 8.41   |
| 0.970 | 5467  | 13425 | 14.18  |
| 0.980 | 6579  | 20004 | 21.13  |
| 0.990 | 9768  | 29772 | 31.45  |
| 1.000 | 10442 | 40214 | 42.48  |
| 1.010 | 9808  | 50022 | 52.84  |
| 1.020 | 9902  | 59924 | 63.30  |
| 1.030 | 11346 | 71270 | 75.28  |
| 1.040 | 5784  | 77054 | 81.39  |
| 1.050 | 3990  | 81044 | 85.61  |
| 1.060 | 2575  | 83619 | 88.33  |
| 1.070 | 1828  | 85447 | 90.26  |
| 1.080 | 1083  | 86530 | 91.40  |
| 1.090 | 1249  | 87779 | 92.72  |
| 1.100 | 1152  | 88931 | 93.94  |
| 1.110 | 1264  | 90195 | 95.28  |
| 1.120 | 661   | 90856 | 95.97  |
| 1.130 | 755   | 91611 | 96.77  |
| 1.140 | 391   | 92002 | 97.18  |
| 1.150 | 142   | 92144 | 97.33  |
| 1.160 | 580   | 92724 | 97.95  |
| 1.170 | 251   | 92975 | 98.21  |
| 1.180 | 123   | 93098 | 98.34  |
| 1.190 | 283   | 93381 | 98.64  |
| 1.200 | 84    | 93465 | 98.73  |
| 1.210 | 139   | 93604 | 98.88  |
| 1.220 | 61    | 93665 | 98.94  |
| 1.230 | 129   | 93794 | 99.08  |
| 1.240 | 144   | 93938 | 99.23  |
| 1.250 | 196   | 94134 | 99.44  |
| 1.260 | 84    | 94218 | 99.52  |
| 1.270 | 54    | 94272 | 99.58  |
| 1.280 | 81    | 94353 | 99.67  |
| 1.290 | 45    | 94398 | 99.71  |
| 1.300 | 45    | 94443 | 99.76  |
| 1.310 | 44    | 94487 | 99.81  |
| 1.320 | 109   | 94596 | 99.92  |
| 1.330 | 14    | 94610 | 99.94  |
| 1.340 | 8     | 94618 | 99.95  |
| 1.350 | 8     | 94626 | 99.96  |
| 1.360 | 4     | 94630 | 99.96  |
| 1.370 | 1     | 94631 | 99.96  |
| 1.380 | 0     | 94631 | 99.96  |
| 1.390 | 1     | 94632 | 99.96  |
| 1.400 | 0     | 94632 | 99.96  |
| 1.410 | 0     | 94632 | 99.96  |
| 1.420 | 12    | 94644 | 99.97  |
| 1.430 | 0     | 94644 | 99.97  |
| 1.440 | 16    | 94660 | 99.99  |
| 1.450 | 8     | 94668 | 100.00 |
| 1.460 | 0     | 94668 | 100.00 |
| 1.470 | 0     | 94668 | 100.00 |
| 1.480 | 0     | 94668 | 100.00 |
| 1.490 | 0     | 94668 | 100.00 |
| 1.500 | 0     | 94668 | 100.00 |
| 1.510 | 0     | 94668 | 100.00 |
| 1.520 | 0     | 94668 | 100.00 |
| 1.530 | 0     | 94668 | 100.00 |

|       |   |       |        |
|-------|---|-------|--------|
| 1.540 | 0 | 94668 | 100.00 |
| 1.550 | 0 | 94668 | 100.00 |
| 1.560 | 0 | 94668 | 100.00 |
| 1.570 | 0 | 94668 | 100.00 |
| 1.580 | 0 | 94668 | 100.00 |
| 1.590 | 0 | 94668 | 100.00 |
| Above | 0 | 94668 | 100.00 |

| Year | MTU     | B Assy | P Assy |
|------|---------|--------|--------|
| 2010 | 291.05  | 1100   | 273    |
| 2011 | 602.95  | 1936   | 714    |
| 2012 | 1204.19 | 3057   | 1701   |
| 2013 | 1997.48 | 4597   | 2868   |
| 2014 | 2996.31 | 7191   | 4032   |
| 2015 | 2998.24 | 6070   | 4479   |
| 2016 | 3005.01 | 6269   | 4500   |
| 2017 | 2997.68 | 6093   | 4527   |
| 2018 | 3008.35 | 5982   | 4539   |
| 2019 | 3000.92 | 5081   | 4830   |
| 2020 | 2987.35 | 5477   | 4698   |
| 2021 | 2996.39 | 5345   | 4740   |
| 2022 | 3002.01 | 6005   | 4518   |
| 2023 | 3017.55 | 5477   | 4683   |
| 2024 | 2980.28 | 5098   | 4788   |
| 2025 | 3004.13 | 6028   | 4452   |
| 2026 | 3005.98 | 6481   | 4281   |
| 2027 | 3010.39 | 4972   | 4938   |
| 2028 | 3003.92 | 6072   | 4368   |
| 2029 | 2994.60 | 5280   | 4749   |
| 2030 | 2986.48 | 6072   | 4299   |
| 2031 | 3023.46 | 4928   | 4905   |
| 2032 | 2971.37 | 6204   | 4275   |
| 2033 | 1915.77 | 4528   | 2511   |
| 2034 | 0.00    | 0      | 0      |
| 2035 | 0.00    | 0      | 0      |
| 2036 | 0.00    | 0      | 0      |
| 2037 | 0.00    | 0      | 0      |
| 2038 | 0.00    | 0      | 0      |
| 2039 | 0.00    | 0      | 0      |
| 2040 | 0.00    | 0      | 0      |
| 2041 | 0.00    | 0      | 0      |
| 2042 | 0.00    | 0      | 0      |
| 2043 | 0.00    | 0      | 0      |
| 2044 | 0.00    | 0      | 0      |
| 2045 | 0.00    | 0      | 0      |

Average age = 23.240

JUNK FILE LISTING:

|                      |                                  |             |
|----------------------|----------------------------------|-------------|
| Nassy=1 burnup=1.87  | kinf=1.529 Enrch=3.63 Dschg=1968 | WEST VALLEY |
| Nassy=2 burnup=1.45  | kinf=1.536 Enrch=3.63 Dschg=1968 | WEST VALLEY |
| Nassy=2 burnup=1.53  | kinf=1.535 Enrch=3.63 Dschg=1968 | WEST VALLEY |
| Nassy=1 burnup=6.38  | kinf=1.455 Enrch=3.63 Dschg=1969 | WEST VALLEY |
| Nassy=2 burnup=0.32  | kinf=1.314 Enrch=2.13 Dschg=1970 | GE MORRIS ( |
| Nassy=1 burnup=0.32  | kinf=1.315 Enrch=2.13 Dschg=1970 | GE MORRIS ( |
| Nassy=3 burnup=0.35  | kinf=1.314 Enrch=2.13 Dschg=1970 | GE MORRIS ( |
| Nassy=8 burnup=0.34  | kinf=1.314 Enrch=2.13 Dschg=1970 | GE MORRIS ( |
| Nassy=1 burnup=0.35  | kinf=1.314 Enrch=2.13 Dschg=1970 | GE MORRIS ( |
| Nassy=1 burnup=0.18  | kinf=1.317 Enrch=2.13 Dschg=1970 | GE MORRIS ( |
| Nassy=1 burnup=0.36  | kinf=1.314 Enrch=2.13 Dschg=1970 | GE MORRIS ( |
| Nassy=1 burnup=0.23  | kinf=1.317 Enrch=2.13 Dschg=1970 | GE MORRIS ( |
| Nassy=1 burnup=0.32  | kinf=1.314 Enrch=2.13 Dschg=1970 | GE MORRIS ( |
| Nassy=10 burnup=0.34 | kinf=1.315 Enrch=2.13 Dschg=1970 | GE MORRIS ( |
| Nassy=1 burnup=1.48  | kinf=1.297 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=0.86  | kinf=1.307 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.22  | kinf=1.301 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=5 burnup=1.63  | kinf=1.295 Enrch=2.13 Dschg=1971 | GE MORRIS ( |

|                      |                                  |             |
|----------------------|----------------------------------|-------------|
| Nassy=2 burnup=1.63  | kinf=1.295 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.77  | kinf=1.260 Enrch=1.93 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.31  | kinf=1.299 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=6 burnup=1.86  | kinf=1.291 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=4 burnup=1.85  | kinf=1.257 Enrch=1.93 Dschg=1971 | GE MORRIS ( |
| Nassy=4 burnup=1.79  | kinf=1.292 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=19 burnup=1.74 | kinf=1.293 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.34  | kinf=1.299 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.46  | kinf=1.270 Enrch=1.97 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.57  | kinf=1.267 Enrch=1.96 Dschg=1971 | GE MORRIS ( |
| Nassy=8 burnup=1.50  | kinf=1.297 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=5 burnup=1.76  | kinf=1.261 Enrch=1.94 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.23  | kinf=1.279 Enrch=2.00 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.31  | kinf=1.299 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=1.46  | kinf=1.298 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=6 burnup=1.48  | kinf=1.297 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=4 burnup=1.00  | kinf=1.305 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=1.09  | kinf=1.303 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=4 burnup=1.27  | kinf=1.300 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=0.86  | kinf=1.307 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.28  | kinf=1.300 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.32  | kinf=1.275 Enrch=1.99 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.32  | kinf=1.275 Enrch=1.99 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.11  | kinf=1.302 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=5 burnup=1.42  | kinf=1.298 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=6 burnup=1.23  | kinf=1.301 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=11 burnup=1.34 | kinf=1.300 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=5 burnup=1.88  | kinf=1.291 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=4 burnup=1.15  | kinf=1.302 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=8 burnup=1.44  | kinf=1.298 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.85  | kinf=1.291 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=12 burnup=1.85 | kinf=1.291 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=5 burnup=1.85  | kinf=1.291 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=0.86  | kinf=1.291 Enrch=2.04 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.62  | kinf=1.265 Enrch=1.96 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.64  | kinf=1.264 Enrch=1.95 Dschg=1971 | GE MORRIS ( |
| Nassy=24 burnup=1.83 | kinf=1.292 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.83  | kinf=1.292 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=1.13  | kinf=1.303 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=24 burnup=1.63 | kinf=1.295 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=1.78  | kinf=1.260 Enrch=1.94 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=9.28  | kinf=1.410 Enrch=3.63 Dschg=1971 | WEST VALLEY |
| Nassy=1 burnup=4.99  | kinf=1.478 Enrch=3.63 Dschg=1971 | WEST VALLEY |
| Nassy=1 burnup=8.24  | kinf=1.426 Enrch=3.63 Dschg=1971 | WEST VALLEY |
| Nassy=1 burnup=9.23  | kinf=1.411 Enrch=3.63 Dschg=1971 | WEST VALLEY |
| Nassy=1 burnup=1.53  | kinf=1.318 Enrch=2.26 Dschg=1971 | DRESDEN     |
| Nassy=1 burnup=4.49  | kinf=1.250 Enrch=2.11 Dschg=1971 | OYSTER CRK  |
| Nassy=1 burnup=3.27  | kinf=1.212 Enrch=1.78 Dschg=1972 | GE MORRIS ( |
| Nassy=14 burnup=4.52 | kinf=1.253 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=44 burnup=4.52 | kinf=1.253 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=2 burnup=4.52  | kinf=1.253 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=36 burnup=3.43 | kinf=1.269 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=6 burnup=2.81  | kinf=1.227 Enrch=1.83 Dschg=1972 | GE MORRIS ( |
| Nassy=6 burnup=2.81  | kinf=1.227 Enrch=1.83 Dschg=1972 | GE MORRIS ( |
| Nassy=10 burnup=3.13 | kinf=1.217 Enrch=1.80 Dschg=1972 | GE MORRIS ( |
| Nassy=3 burnup=3.87  | kinf=1.195 Enrch=1.73 Dschg=1972 | GE MORRIS ( |
| Nassy=25 burnup=3.87 | kinf=1.195 Enrch=1.73 Dschg=1972 | GE MORRIS ( |
| Nassy=2 burnup=3.87  | kinf=1.195 Enrch=1.73 Dschg=1972 | GE MORRIS ( |
| Nassy=34 burnup=4.14 | kinf=1.258 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=8 burnup=4.14  | kinf=1.258 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=25 burnup=4.14 | kinf=1.258 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=14 burnup=4.62 | kinf=1.173 Enrch=1.67 Dschg=1972 | GE MORRIS ( |
| Nassy=5 burnup=3.39  | kinf=1.209 Enrch=1.77 Dschg=1972 | GE MORRIS ( |
| Nassy=8 burnup=3.39  | kinf=1.209 Enrch=1.77 Dschg=1972 | GE MORRIS ( |
| Nassy=1 burnup=3.34  | kinf=1.269 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=4 burnup=3.34  | kinf=1.269 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=5 burnup=4.77  | kinf=1.249 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=5 burnup=3.84  | kinf=1.195 Enrch=1.73 Dschg=1972 | GE MORRIS ( |
| Nassy=1 burnup=3.28  | kinf=1.271 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=1 burnup=2.73  | kinf=1.279 Enrch=2.13 Dschg=1972 | GE MORRIS ( |

|                      |                                  |             |
|----------------------|----------------------------------|-------------|
| Nassy=19 burnup=4.69 | kinf=1.250 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=4 burnup=4.69  | kinf=1.250 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=22 burnup=4.31 | kinf=1.182 Enrch=1.69 Dschg=1972 | GE MORRIS ( |
| Nassy=1 burnup=4.31  | kinf=1.182 Enrch=1.69 Dschg=1972 | GE MORRIS ( |
| Nassy=10 burnup=3.12 | kinf=1.273 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=7 burnup=3.60  | kinf=1.203 Enrch=1.76 Dschg=1972 | GE MORRIS ( |
| Nassy=6 burnup=3.60  | kinf=1.203 Enrch=1.76 Dschg=1972 | GE MORRIS ( |
| Nassy=4 burnup=2.84  | kinf=1.277 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=33 burnup=4.38 | kinf=1.254 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=1 burnup=4.38  | kinf=1.254 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=21 burnup=4.38 | kinf=1.254 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=3 burnup=3.91  | kinf=1.261 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=20 burnup=3.79 | kinf=1.263 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=1 burnup=3.79  | kinf=1.263 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=15 burnup=3.77 | kinf=1.264 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=28 burnup=3.77 | kinf=1.264 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=16 burnup=3.77 | kinf=1.264 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=17 burnup=4.39 | kinf=1.179 Enrch=1.68 Dschg=1972 | GE MORRIS ( |
| Nassy=7 burnup=4.39  | kinf=1.179 Enrch=1.68 Dschg=1972 | GE MORRIS ( |
| Nassy=14 burnup=4.64 | kinf=1.172 Enrch=1.66 Dschg=1972 | GE MORRIS ( |
| Nassy=1 burnup=8.59  | kinf=1.421 Enrch=3.63 Dschg=1972 | WEST VALLEY |
| Nassy=1 burnup=9.12  | kinf=1.413 Enrch=3.63 Dschg=1972 | WEST VALLEY |
| Nassy=1 burnup=8.73  | kinf=1.419 Enrch=3.63 Dschg=1972 | WEST VALLEY |
| Nassy=2 burnup=4.86  | kinf=1.239 Enrch=2.08 Dschg=1972 | MILLSTONE   |
| Nassy=4 burnup=6.45  | kinf=1.454 Enrch=3.63 Dschg=1973 | WEST VALLEY |
| Nassy=1 burnup=8.75  | kinf=1.418 Enrch=3.63 Dschg=1973 | WEST VALLEY |
| Nassy=1 burnup=7.35  | kinf=1.440 Enrch=3.63 Dschg=1973 | WEST VALLEY |
| Nassy=1 burnup=3.88  | kinf=1.262 Enrch=2.13 Dschg=1973 | DRESDEN     |
| Nassy=2 burnup=4.96  | kinf=1.246 Enrch=2.13 Dschg=1973 | DRESDEN     |
| Nassy=1 burnup=1.05  | kinf=1.365 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=3 burnup=0.97  | kinf=1.366 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=5 burnup=4.32  | kinf=1.315 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=1 burnup=0.99  | kinf=1.366 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=11 burnup=4.39 | kinf=1.315 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=1 burnup=4.39  | kinf=1.315 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=9 burnup=4.39  | kinf=1.315 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=2 burnup=4.00  | kinf=1.320 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=5 burnup=4.05  | kinf=1.320 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=4 burnup=1.16  | kinf=1.364 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=3 burnup=4.66  | kinf=1.311 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=3 burnup=4.66  | kinf=1.311 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=1 burnup=0.99  | kinf=1.366 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=1 burnup=4.69  | kinf=1.310 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=1 burnup=9.23  | kinf=1.411 Enrch=3.63 Dschg=1973 | LACROSSE    |
| Nassy=3 burnup=9.23  | kinf=1.411 Enrch=3.63 Dschg=1973 | LACROSSE    |
| Nassy=1 burnup=8.77  | kinf=1.418 Enrch=3.63 Dschg=1973 | LACROSSE    |
| Nassy=4 burnup=9.10  | kinf=1.413 Enrch=3.63 Dschg=1973 | LACROSSE    |
| Nassy=1 burnup=3.97  | kinf=1.271 Enrch=2.19 Dschg=1973 | PILGRIM     |
| Nassy=1 burnup=2.63  | kinf=1.290 Enrch=2.19 Dschg=1973 | PILGRIM     |
| Nassy=1 burnup=8.95  | kinf=1.415 Enrch=3.63 Dschg=1974 | WEST VALLEY |
| Nassy=1 burnup=8.15  | kinf=1.428 Enrch=3.63 Dschg=1974 | WEST VALLEY |
| Nassy=2 burnup=4.95  | kinf=1.306 Enrch=2.50 Dschg=1974 | VT YANKEE   |
| Nassy=6 burnup=4.95  | kinf=1.306 Enrch=2.50 Dschg=1974 | VT YANKEE   |
| Nassy=1 burnup=7.57  | kinf=1.476 Enrch=3.92 Dschg=1975 | LACROSSE    |
| Nassy=1 burnup=3.71  | kinf=1.263 Enrch=2.12 Dschg=1975 | DUANE ARNOL |
| Nassy=1 burnup=3.78  | kinf=1.280 Enrch=2.23 Dschg=1975 | DRESDEN     |
| Nassy=1 burnup=4.80  | kinf=1.467 Enrch=3.54 Dschg=1976 | BIG ROCK    |
| Nassy=1 burnup=2.90  | kinf=1.273 Enrch=2.11 Dschg=1976 | BRUNSWICK   |
| Nassy=1 burnup=3.30  | kinf=1.267 Enrch=2.11 Dschg=1976 | BRUNSWICK   |
| Nassy=2 burnup=2.43  | kinf=1.105 Enrch=1.11 Dschg=1976 | BRUNSWICK   |
| Nassy=2 burnup=3.05  | kinf=1.320 Enrch=2.41 Dschg=1976 | HUMBOLDT BA |
| Nassy=2 burnup=3.30  | kinf=1.315 Enrch=2.40 Dschg=1976 | HUMBOLDT BA |
| Nassy=4 burnup=2.43  | kinf=1.329 Enrch=2.41 Dschg=1976 | HUMBOLDT BA |
| Nassy=2 burnup=2.69  | kinf=1.325 Enrch=2.41 Dschg=1976 | HUMBOLDT BA |
| Nassy=1 burnup=3.89  | kinf=1.308 Enrch=2.41 Dschg=1976 | HUMBOLDT BA |
| Nassy=1 burnup=3.89  | kinf=1.308 Enrch=2.41 Dschg=1976 | HUMBOLDT BA |
| Nassy=2 burnup=4.34  | kinf=1.301 Enrch=2.41 Dschg=1976 | HUMBOLDT BA |
| Nassy=1 burnup=1.31  | kinf=1.346 Enrch=2.41 Dschg=1976 | HUMBOLDT BA |
| Nassy=1 burnup=12.04 | kinf=1.407 Enrch=3.92 Dschg=1977 | LACROSSE    |
| Nassy=1 burnup=12.30 | kinf=1.403 Enrch=3.93 Dschg=1977 | LACROSSE    |

|                      |                                  |             |
|----------------------|----------------------------------|-------------|
| Nassy=1 burnup=7.61  | kinf=1.476 Enrch=3.92 Dschg=1977 | LACROSSE    |
| Nassy=1 burnup=12.42 | kinf=1.401 Enrch=3.92 Dschg=1977 | LACROSSE    |
| Nassy=5 burnup=3.65  | kinf=1.282 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=2 burnup=3.35  | kinf=1.287 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=4 burnup=3.35  | kinf=1.287 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=2 burnup=3.08  | kinf=1.291 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=3 burnup=4.00  | kinf=1.277 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=1 burnup=4.00  | kinf=1.277 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=21 burnup=4.97 | kinf=1.263 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=2 burnup=4.97  | kinf=1.263 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=3 burnup=4.97  | kinf=1.263 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=1 burnup=4.53  | kinf=1.269 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=22 burnup=4.53 | kinf=1.269 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=4 burnup=3.58  | kinf=1.019 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=15 burnup=1.89 | kinf=1.041 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=1 burnup=1.89  | kinf=1.041 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=24 burnup=2.53 | kinf=1.032 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=1 burnup=2.53  | kinf=1.032 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=3 burnup=2.53  | kinf=1.032 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=15 burnup=2.83 | kinf=1.028 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=1 burnup=2.83  | kinf=1.028 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=8 burnup=4.31  | kinf=1.009 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=4 burnup=3.00  | kinf=1.026 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=8 burnup=3.15  | kinf=1.024 Enrch=0.72 Dschg=1985 | SUSQUEHANNA |
| Nassy=8 burnup=4.11  | kinf=1.012 Enrch=0.72 Dschg=1985 | SUSQUEHANNA |
| Nassy=21 burnup=4.71 | kinf=1.004 Enrch=0.72 Dschg=1985 | SUSQUEHANNA |
| Nassy=15 burnup=4.71 | kinf=1.004 Enrch=0.72 Dschg=1985 | SUSQUEHANNA |
| Nassy=12 burnup=4.71 | kinf=1.004 Enrch=0.72 Dschg=1985 | SUSQUEHANNA |
| Nassy=7 burnup=2.96  | kinf=1.027 Enrch=0.72 Dschg=1985 | SUSQUEHANNA |
| Nassy=1 burnup=2.96  | kinf=1.027 Enrch=0.72 Dschg=1985 | SUSQUEHANNA |
| Nassy=4 burnup=3.14  | kinf=1.024 Enrch=0.72 Dschg=1985 | LASALLE     |
| Nassy=6 burnup=4.86  | kinf=1.003 Enrch=0.72 Dschg=1985 | LASALLE     |
| Nassy=2 burnup=4.86  | kinf=1.003 Enrch=0.72 Dschg=1985 | LASALLE     |
| Nassy=8 burnup=2.92  | kinf=1.027 Enrch=0.72 Dschg=1985 | LASALLE     |
| Nassy=8 burnup=3.41  | kinf=1.021 Enrch=0.72 Dschg=1985 | LASALLE     |
| Nassy=18 burnup=4.08 | kinf=1.012 Enrch=0.72 Dschg=1985 | LASALLE     |
| Nassy=30 burnup=3.91 | kinf=1.015 Enrch=0.72 Dschg=1985 | LASALLE     |
| Nassy=1 burnup=2.64  | kinf=1.031 Enrch=0.72 Dschg=1985 | LASALLE     |
| Nassy=7 burnup=2.64  | kinf=1.031 Enrch=0.72 Dschg=1985 | LASALLE     |
| Nassy=1 burnup=2.22  | kinf=1.038 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=7 burnup=2.22  | kinf=1.038 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=14 burnup=2.86 | kinf=1.030 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=8 burnup=3.07  | kinf=1.027 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=15 burnup=2.65 | kinf=1.033 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=7 burnup=2.65  | kinf=1.033 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=2 burnup=2.65  | kinf=1.033 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=6 burnup=2.65  | kinf=1.033 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=6 burnup=2.65  | kinf=1.033 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=6 burnup=2.65  | kinf=1.033 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=16 burnup=1.77 | kinf=1.044 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=4 burnup=3.28  | kinf=1.024 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=2 burnup=4.17  | kinf=1.013 Enrch=0.73 Dschg=1986 | SUSQUEHANNA |
| Nassy=37 burnup=4.00 | kinf=1.013 Enrch=0.72 Dschg=1987 | LASALLE     |
| Nassy=26 burnup=4.00 | kinf=1.013 Enrch=0.72 Dschg=1987 | LASALLE     |
| Nassy=28 burnup=4.00 | kinf=1.013 Enrch=0.72 Dschg=1987 | LASALLE     |
| Nassy=1 burnup=4.00  | kinf=1.013 Enrch=0.72 Dschg=1987 | LASALLE     |
| Nassy=18 burnup=5.00 | kinf=1.487 Enrch=3.70 Dschg=1987 | LACROSSE    |
| Nassy=5 burnup=5.00  | kinf=1.487 Enrch=3.70 Dschg=1987 | LACROSSE    |
| Nassy=1 burnup=5.00  | kinf=1.488 Enrch=3.71 Dschg=1987 | LACROSSE    |
| Nassy=15 burnup=3.00 | kinf=1.026 Enrch=0.72 Dschg=1989 | CLINTON     |
| Nassy=33 burnup=3.00 | kinf=1.026 Enrch=0.72 Dschg=1989 | CLINTON     |
| Nassy=3 burnup=3.00  | kinf=1.026 Enrch=0.72 Dschg=1989 | CLINTON     |
| Nassy=1 burnup=3.00  | kinf=1.026 Enrch=0.72 Dschg=1989 | CLINTON     |
| Nassy=8 burnup=3.00  | kinf=1.026 Enrch=0.72 Dschg=1989 | CLINTON     |
| Nassy=16 burnup=3.00 | kinf=1.026 Enrch=0.72 Dschg=1989 | CLINTON     |
| Nassy=30 burnup=3.00 | kinf=1.026 Enrch=0.72 Dschg=1989 | ENRICO FERN |
| Nassy=35 burnup=3.00 | kinf=1.026 Enrch=0.72 Dschg=1989 | ENRICO FERN |
| Nassy=2 burnup=3.00  | kinf=1.026 Enrch=0.72 Dschg=1989 | ENRICO FERN |
| Nassy=1 burnup=3.00  | kinf=1.026 Enrch=0.72 Dschg=1989 | ENRICO FERN |
| Nassy=12 burnup=3.00 | kinf=1.026 Enrch=0.72 Dschg=1989 | ENRICO FERN |

|                       |                                  |             |
|-----------------------|----------------------------------|-------------|
| Nassy=12 burnup=3.00  | kinf=1.026 Enrch=0.72 Dschg=1989 | ENRICO FERM |
| Nassy=33 burnup=4.00  | kinf=1.013 Enrch=0.72 Dschg=1990 | NINE MILE P |
| Nassy=5 burnup=4.00   | kinf=1.013 Enrch=0.72 Dschg=1990 | NINE MILE P |
| Nassy=14 burnup=4.00  | kinf=1.013 Enrch=0.72 Dschg=1990 | NINE MILE P |
| Nassy=29 burnup=4.00  | kinf=1.013 Enrch=0.72 Dschg=1990 | NINE MILE P |
| Nassy=1 burnup=4.00   | kinf=1.013 Enrch=0.72 Dschg=1990 | NINE MILE P |
| Nassy=10 burnup=4.00  | kinf=1.013 Enrch=0.72 Dschg=1990 | NINE MILE P |
| Nassy=36 burnup=3.00  | kinf=1.026 Enrch=0.72 Dschg=1991 | LIMERICK    |
| Nassy=44 burnup=3.00  | kinf=1.026 Enrch=0.72 Dschg=1991 | LIMERICK    |
| Nassy=4 burnup=3.00   | kinf=1.026 Enrch=0.72 Dschg=1991 | LIMERICK    |
| Nassy=8 burnup=3.00   | kinf=1.026 Enrch=0.72 Dschg=1991 | LIMERICK    |
| Nassy=17 burnup=7.19  | kinf=1.402 Enrch=3.35 Dschg=2009 | NINE MILE P |
| Nassy=132 burnup=7.19 | kinf=1.402 Enrch=3.35 Dschg=2009 | NINE MILE P |
| Nassy=8 burnup=7.19   | kinf=1.402 Enrch=3.35 Dschg=2009 | NINE MILE P |
| Nassy=19 burnup=7.19  | kinf=1.402 Enrch=3.35 Dschg=2009 | NINE MILE P |
| Nassy=22 burnup=7.59  | kinf=1.400 Enrch=3.38 Dschg=2009 | OYSTER CRK  |
| Nassy=38 burnup=7.59  | kinf=1.400 Enrch=3.38 Dschg=2009 | OYSTER CRK  |
| Nassy=20 burnup=7.59  | kinf=1.400 Enrch=3.38 Dschg=2009 | OYSTER CRK  |
| Nassy=10 burnup=6.41  | kinf=1.443 Enrch=3.55 Dschg=2012 | QUAD CITIES |
| Nassy=88 burnup=6.41  | kinf=1.443 Enrch=3.55 Dschg=2012 | QUAD CITIES |
| Nassy=32 burnup=6.41  | kinf=1.443 Enrch=3.55 Dschg=2012 | QUAD CITIES |
| Nassy=23 burnup=6.41  | kinf=1.443 Enrch=3.55 Dschg=2012 | QUAD CITIES |
| Nassy=43 burnup=6.61  | kinf=1.438 Enrch=3.54 Dschg=2014 | BRUNSWICK   |
| Nassy=36 burnup=6.61  | kinf=1.438 Enrch=3.54 Dschg=2014 | BRUNSWICK   |
| Nassy=8 burnup=6.61   | kinf=1.438 Enrch=3.54 Dschg=2014 | BRUNSWICK   |
| Nassy=5 burnup=6.61   | kinf=1.438 Enrch=3.54 Dschg=2014 | BRUNSWICK   |

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INPUT FILE LISTING:  
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| #bins | Input_file | Output_file | Case_title           | Last_delivery |
|-------|------------|-------------|----------------------|---------------|
| 0     | case9.wsm  | case9.out   | W9:yff10_7dpc_isf_87 | 2045          |
| Type  | Cap        | Kmin        | Kmax                 |               |

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OUTPUT FILE LISTING:  
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W9:yff10\_7dpc\_isf\_87  
Standard Table

| BWR Heat Percentiles |       |          |         |
|----------------------|-------|----------|---------|
| Watts/Assy           | Assy  | Cum Assy | Percent |
| 10                   | 779   | 779      | 0.46    |
| 20                   | 1853  | 2632     | 1.57    |
| 30                   | 1908  | 4540     | 2.71    |
| 40                   | 2808  | 7348     | 4.38    |
| 50                   | 3313  | 10661    | 6.36    |
| 60                   | 3863  | 14524    | 8.66    |
| 70                   | 7116  | 21640    | 12.90   |
| 80                   | 8508  | 30148    | 17.97   |
| 90                   | 12847 | 42995    | 25.63   |
| 100                  | 7449  | 50444    | 30.07   |
| 110                  | 5641  | 56085    | 33.43   |
| 120                  | 5540  | 61625    | 36.74   |
| 130                  | 6103  | 67728    | 40.37   |
| 140                  | 7242  | 74970    | 44.69   |
| 150                  | 8174  | 83144    | 49.56   |
| 160                  | 5690  | 88834    | 52.96   |
| 170                  | 3701  | 92535    | 55.16   |
| 180                  | 4838  | 97373    | 58.05   |
| 190                  | 2131  | 99504    | 59.32   |
| 200                  | 1576  | 101080   | 60.26   |
| 210                  | 1580  | 102660   | 61.20   |
| 220                  | 2737  | 105397   | 62.83   |
| 230                  | 2875  | 108272   | 64.54   |
| 240                  | 2257  | 110529   | 65.89   |
| 250                  | 1500  | 112029   | 66.78   |
| 260                  | 2260  | 114289   | 68.13   |
| 270                  | 6613  | 120902   | 72.07   |
| 280                  | 4286  | 125188   | 74.63   |
| 290                  | 5349  | 130537   | 77.82   |
| 300                  | 4556  | 135093   | 80.53   |
| 310                  | 4271  | 139364   | 83.08   |
| 320                  | 3395  | 142759   | 85.10   |
| 330                  | 5229  | 147988   | 88.22   |
| 340                  | 4515  | 152503   | 90.91   |
| 350                  | 7106  | 159609   | 95.15   |
| 360                  | 2400  | 162009   | 96.58   |
| 370                  | 540   | 162549   | 96.90   |
| 380                  | 965   | 163514   | 97.47   |
| 390                  | 1202  | 164716   | 98.19   |
| 400                  | 591   | 165307   | 98.54   |
| 410                  | 456   | 165763   | 98.81   |
| 420                  | 285   | 166048   | 98.98   |
| 430                  | 84    | 166132   | 99.03   |
| 440                  | 417   | 166549   | 99.28   |
| 450                  | 100   | 166649   | 99.34   |
| 460                  | 20    | 166669   | 99.35   |
| 470                  | 23    | 166692   | 99.37   |
| 480                  | 196   | 166888   | 99.48   |
| 490                  | 387   | 167275   | 99.72   |
| 500                  | 0     | 167275   | 99.72   |
| 510                  | 49    | 167324   | 99.74   |
| 520                  | 428   | 167752   | 100.00  |
| 530                  | 0     | 167752   | 100.00  |
| 540                  | 0     | 167752   | 100.00  |
| 550                  | 0     | 167752   | 100.00  |

|       |   |        |        |
|-------|---|--------|--------|
| 560   | 0 | 167752 | 100.00 |
| 570   | 0 | 167752 | 100.00 |
| 580   | 0 | 167752 | 100.00 |
| 590   | 0 | 167752 | 100.00 |
| 600   | 0 | 167752 | 100.00 |
| 610   | 0 | 167752 | 100.00 |
| 620   | 0 | 167752 | 100.00 |
| 630   | 0 | 167752 | 100.00 |
| 640   | 0 | 167752 | 100.00 |
| 650   | 0 | 167752 | 100.00 |
| 660   | 0 | 167752 | 100.00 |
| 670   | 0 | 167752 | 100.00 |
| 680   | 0 | 167752 | 100.00 |
| 690   | 0 | 167752 | 100.00 |
| 700   | 0 | 167752 | 100.00 |
| 710   | 0 | 167752 | 100.00 |
| 720   | 0 | 167752 | 100.00 |
| 730   | 0 | 167752 | 100.00 |
| 740   | 0 | 167752 | 100.00 |
| 750   | 0 | 167752 | 100.00 |
| 760   | 0 | 167752 | 100.00 |
| 770   | 0 | 167752 | 100.00 |
| 780   | 0 | 167752 | 100.00 |
| 790   | 0 | 167752 | 100.00 |
| 800   | 0 | 167752 | 100.00 |
| 810   | 0 | 167752 | 100.00 |
| 820   | 0 | 167752 | 100.00 |
| 830   | 0 | 167752 | 100.00 |
| 840   | 0 | 167752 | 100.00 |
| 850   | 0 | 167752 | 100.00 |
| 860   | 0 | 167752 | 100.00 |
| 870   | 0 | 167752 | 100.00 |
| 880   | 0 | 167752 | 100.00 |
| 890   | 0 | 167752 | 100.00 |
| 900   | 0 | 167752 | 100.00 |
| 910   | 0 | 167752 | 100.00 |
| 920   | 0 | 167752 | 100.00 |
| 930   | 0 | 167752 | 100.00 |
| 940   | 0 | 167752 | 100.00 |
| 950   | 0 | 167752 | 100.00 |
| 960   | 0 | 167752 | 100.00 |
| 970   | 0 | 167752 | 100.00 |
| 980   | 0 | 167752 | 100.00 |
| 990   | 0 | 167752 | 100.00 |
| Above | 0 | 167752 | 100.00 |

BWR Kinf Percentiles

| Kinf  | Assy | CumAssy | Percent |
|-------|------|---------|---------|
| 0.760 | 0    | 0       | 0.00    |
| 0.770 | 0    | 0       | 0.00    |
| 0.780 | 0    | 0       | 0.00    |
| 0.790 | 0    | 0       | 0.00    |
| 0.800 | 0    | 0       | 0.00    |
| 0.810 | 12   | 12      | 0.01    |
| 0.820 | 0    | 12      | 0.01    |
| 0.830 | 27   | 39      | 0.02    |
| 0.840 | 6    | 47      | 0.03    |
| 0.850 | 32   | 79      | 0.05    |
| 0.860 | 114  | 193     | 0.12    |
| 0.870 | 53   | 246     | 0.15    |
| 0.880 | 487  | 733     | 0.44    |
| 0.890 | 239  | 972     | 0.58    |
| 0.900 | 608  | 1580    | 0.94    |
| 0.910 | 416  | 1996    | 1.19    |
| 0.920 | 1211 | 3207    | 1.91    |
| 0.930 | 1475 | 4682    | 2.79    |
| 0.940 | 2199 | 6881    | 4.10    |
| 0.950 | 1806 | 8687    | 5.18    |
| 0.960 | 2822 | 11509   | 6.86    |

|       |       |        |        |
|-------|-------|--------|--------|
| 0.970 | 5375  | 16884  | 10.06  |
| 0.980 | 14383 | 31267  | 18.64  |
| 0.990 | 6991  | 38258  | 22.81  |
| 1.000 | 8010  | 46268  | 27.58  |
| 1.010 | 11643 | 57911  | 34.52  |
| 1.020 | 15694 | 73605  | 43.88  |
| 1.030 | 13440 | 87045  | 51.89  |
| 1.040 | 18974 | 106019 | 63.20  |
| 1.050 | 9909  | 115928 | 69.11  |
| 1.060 | 9784  | 125712 | 74.94  |
| 1.070 | 6461  | 132173 | 78.79  |
| 1.080 | 4283  | 136456 | 81.34  |
| 1.090 | 4621  | 141077 | 84.10  |
| 1.100 | 2791  | 143868 | 85.76  |
| 1.110 | 1627  | 145495 | 86.73  |
| 1.120 | 2713  | 148208 | 88.35  |
| 1.130 | 745   | 148953 | 88.79  |
| 1.140 | 1538  | 150491 | 89.71  |
| 1.150 | 1218  | 151709 | 90.44  |
| 1.160 | 789   | 152498 | 90.91  |
| 1.170 | 1541  | 154039 | 91.83  |
| 1.180 | 637   | 154676 | 92.21  |
| 1.190 | 579   | 155255 | 92.55  |
| 1.200 | 632   | 155887 | 92.93  |
| 1.210 | 688   | 156575 | 93.34  |
| 1.220 | 245   | 156820 | 93.48  |
| 1.230 | 355   | 157175 | 93.69  |
| 1.240 | 371   | 157546 | 93.92  |
| 1.250 | 1403  | 158949 | 94.75  |
| 1.260 | 895   | 159844 | 95.29  |
| 1.270 | 873   | 160717 | 95.81  |
| 1.280 | 403   | 161120 | 96.05  |
| 1.290 | 891   | 162011 | 96.58  |
| 1.300 | 471   | 162482 | 96.86  |
| 1.310 | 596   | 163078 | 97.21  |
| 1.320 | 138   | 163216 | 97.30  |
| 1.330 | 803   | 164019 | 97.77  |
| 1.340 | 370   | 164389 | 98.00  |
| 1.350 | 662   | 165051 | 98.39  |
| 1.360 | 127   | 165178 | 98.47  |
| 1.370 | 242   | 165420 | 98.61  |
| 1.380 | 840   | 166260 | 99.11  |
| 1.390 | 133   | 166393 | 99.19  |
| 1.400 | 193   | 166586 | 99.30  |
| 1.410 | 503   | 167089 | 99.60  |
| 1.420 | 16    | 167105 | 99.61  |
| 1.430 | 3     | 167108 | 99.62  |
| 1.440 | 92    | 167200 | 99.67  |
| 1.450 | 154   | 167354 | 99.76  |
| 1.460 | 169   | 167523 | 99.86  |
| 1.470 | 0     | 167523 | 99.86  |
| 1.480 | 3     | 167526 | 99.87  |
| 1.490 | 25    | 167551 | 99.88  |
| 1.500 | 0     | 167551 | 99.88  |
| 1.510 | 196   | 167747 | 100.00 |
| 1.520 | 0     | 167747 | 100.00 |
| 1.530 | 1     | 167748 | 100.00 |
| 1.540 | 4     | 167752 | 100.00 |
| 1.550 | 0     | 167752 | 100.00 |
| 1.560 | 0     | 167752 | 100.00 |
| 1.570 | 0     | 167752 | 100.00 |
| 1.580 | 0     | 167752 | 100.00 |
| 1.590 | 0     | 167752 | 100.00 |
| Above | 0     | 167752 | 100.00 |

| PWR Heat Percentiles |      |          |         |
|----------------------|------|----------|---------|
| Watts/Assy           | Assy | Cum Assy | Percent |
| 10                   | 29   | 29       | 0.02    |
| 20                   | 14   | 43       | 0.03    |

|     |      |        |       |
|-----|------|--------|-------|
| 30  | 40   | 83     | 0.06  |
| 40  | 74   | 157    | 0.12  |
| 50  | 58   | 215    | 0.16  |
| 60  | 96   | 311    | 0.24  |
| 70  | 203  | 514    | 0.39  |
| 80  | 157  | 671    | 0.51  |
| 90  | 386  | 1057   | 0.80  |
| 100 | 348  | 1405   | 1.07  |
| 110 | 359  | 1764   | 1.34  |
| 120 | 763  | 2527   | 1.92  |
| 130 | 698  | 3225   | 2.45  |
| 140 | 988  | 4213   | 3.20  |
| 150 | 1078 | 5291   | 4.02  |
| 160 | 1435 | 6726   | 5.11  |
| 170 | 965  | 7691   | 5.85  |
| 180 | 914  | 8605   | 6.54  |
| 190 | 1139 | 9744   | 7.41  |
| 200 | 1382 | 11126  | 8.46  |
| 210 | 1983 | 13109  | 9.97  |
| 220 | 1865 | 14974  | 11.39 |
| 230 | 2089 | 17063  | 12.97 |
| 240 | 2181 | 19244  | 14.63 |
| 250 | 2644 | 21888  | 16.64 |
| 260 | 2182 | 24070  | 18.30 |
| 270 | 2262 | 26332  | 20.02 |
| 280 | 2436 | 28768  | 21.87 |
| 290 | 2280 | 31048  | 23.61 |
| 300 | 1982 | 33030  | 25.11 |
| 310 | 2454 | 35484  | 26.98 |
| 320 | 3315 | 38799  | 29.50 |
| 330 | 2698 | 41497  | 31.55 |
| 340 | 2302 | 43799  | 33.30 |
| 350 | 2240 | 46039  | 35.00 |
| 360 | 2750 | 48789  | 37.10 |
| 370 | 2303 | 51092  | 38.85 |
| 380 | 1948 | 53040  | 40.33 |
| 390 | 2322 | 55362  | 42.09 |
| 400 | 2573 | 57735  | 43.90 |
| 410 | 1774 | 59509  | 45.25 |
| 420 | 1748 | 61257  | 46.58 |
| 430 | 1351 | 62608  | 47.60 |
| 440 | 1268 | 63876  | 48.57 |
| 450 | 944  | 64820  | 49.28 |
| 460 | 1000 | 65820  | 50.04 |
| 470 | 652  | 66472  | 50.54 |
| 480 | 921  | 67393  | 51.24 |
| 490 | 685  | 68078  | 51.76 |
| 500 | 1081 | 69159  | 52.58 |
| 510 | 857  | 70016  | 53.23 |
| 520 | 846  | 70862  | 53.88 |
| 530 | 604  | 71466  | 54.34 |
| 540 | 824  | 72290  | 54.96 |
| 550 | 826  | 73116  | 55.59 |
| 560 | 963  | 74079  | 56.32 |
| 570 | 684  | 74763  | 56.84 |
| 580 | 935  | 75698  | 57.55 |
| 590 | 1914 | 77612  | 59.01 |
| 600 | 2208 | 79820  | 60.69 |
| 610 | 1872 | 81692  | 62.11 |
| 620 | 1613 | 83305  | 63.34 |
| 630 | 1227 | 84532  | 64.27 |
| 640 | 1752 | 86284  | 65.60 |
| 650 | 2161 | 88445  | 67.25 |
| 660 | 1246 | 89691  | 68.19 |
| 670 | 1464 | 91155  | 69.31 |
| 680 | 1914 | 93069  | 70.76 |
| 690 | 2009 | 95078  | 72.29 |
| 700 | 3444 | 98522  | 74.91 |
| 710 | 3602 | 102124 | 77.65 |
| 720 | 1868 | 103992 | 79.07 |

|      |      |        |       |
|------|------|--------|-------|
| 750  | 1315 | 105307 | 80.07 |
| 760  | 1082 | 106389 | 80.89 |
| 750  | 1393 | 107782 | 81.95 |
| 760  | 1301 | 109083 | 82.94 |
| 770  | 1473 | 110556 | 84.06 |
| 780  | 1076 | 111632 | 84.88 |
| 790  | 780  | 112412 | 85.47 |
| 800  | 1051 | 113463 | 86.27 |
| 810  | 995  | 114458 | 87.03 |
| 820  | 818  | 115276 | 87.65 |
| 830  | 524  | 115800 | 88.05 |
| 840  | 949  | 116749 | 88.77 |
| 850  | 909  | 117658 | 89.46 |
| 860  | 1100 | 118758 | 90.29 |
| 870  | 460  | 119218 | 90.64 |
| 880  | 416  | 119634 | 90.96 |
| 890  | 746  | 120380 | 91.53 |
| 900  | 394  | 120774 | 91.83 |
| 910  | 884  | 121658 | 92.50 |
| 920  | 482  | 122140 | 92.87 |
| 930  | 492  | 122632 | 93.24 |
| 940  | 919  | 123551 | 93.94 |
| 950  | 561  | 124112 | 94.37 |
| 960  | 443  | 124555 | 94.70 |
| 970  | 556  | 125111 | 95.12 |
| 980  | 536  | 125647 | 95.53 |
| 990  | 1059 | 126706 | 96.34 |
| 1000 | 829  | 127535 | 96.97 |
| 1010 | 299  | 127834 | 97.20 |
| 1020 | 621  | 128455 | 97.67 |
| 1030 | 291  | 128746 | 97.89 |
| 1040 | 34   | 128780 | 97.91 |
| 1050 | 101  | 128881 | 97.99 |
| 1060 | 173  | 129054 | 98.12 |
| 1070 | 192  | 129246 | 98.27 |
| 1080 | 66   | 129312 | 98.32 |
| 1090 | 104  | 129416 | 98.40 |
| 1100 | 163  | 129579 | 98.52 |
| 1110 | 84   | 129663 | 98.59 |
| 1120 | 78   | 129741 | 98.65 |
| 1130 | 95   | 129836 | 98.72 |
| 1140 | 0    | 129836 | 98.72 |
| 1150 | 57   | 129893 | 98.76 |
| 1160 | 2    | 129895 | 98.76 |
| 1170 | 45   | 129940 | 98.80 |
| 1180 | 98   | 130038 | 98.87 |
| 1190 | 126  | 130164 | 98.97 |
| 1200 | 53   | 130217 | 99.01 |
| 1210 | 2    | 130219 | 99.01 |
| 1220 | 32   | 130251 | 99.03 |
| 1230 | 0    | 130251 | 99.03 |
| 1240 | 45   | 130296 | 99.07 |
| 1250 | 1    | 130297 | 99.07 |
| 1260 | 6    | 130303 | 99.07 |
| 1270 | 12   | 130315 | 99.08 |
| 1280 | 129  | 130444 | 99.18 |
| 1290 | 53   | 130497 | 99.22 |
| 1300 | 100  | 130597 | 99.30 |
| 1310 | 17   | 130614 | 99.31 |
| 1320 | 0    | 130614 | 99.31 |
| 1330 | 246  | 130860 | 99.50 |
| 1340 | 41   | 130901 | 99.53 |
| 1350 | 96   | 130997 | 99.60 |
| 1360 | 32   | 131029 | 99.62 |
| 1370 | 13   | 131042 | 99.63 |
| 1380 | 86   | 131128 | 99.70 |
| 1390 | 50   | 131178 | 99.74 |
| 1400 | 1    | 131179 | 99.74 |
| 1410 | 0    | 131179 | 99.74 |
| 1420 | 0    | 131179 | 99.74 |

|       |    |        |        |
|-------|----|--------|--------|
| 1430  | 0  | 131179 | 99.74  |
| 1440  | 0  | 131179 | 99.74  |
| 1450  | 35 | 131214 | 99.77  |
| 1460  | 78 | 131292 | 99.82  |
| 1470  | 0  | 131292 | 99.82  |
| 1480  | 1  | 131293 | 99.83  |
| 1490  | 76 | 131369 | 99.88  |
| 1500  | 0  | 131369 | 99.88  |
| 1510  | 0  | 131369 | 99.88  |
| 1520  | 0  | 131369 | 99.88  |
| 1530  | 44 | 131413 | 99.92  |
| 1540  | 0  | 131413 | 99.92  |
| 1550  | 0  | 131413 | 99.92  |
| 1560  | 33 | 131446 | 99.94  |
| 1570  | 0  | 131446 | 99.94  |
| 1580  | 41 | 131487 | 99.97  |
| 1590  | 1  | 131488 | 99.97  |
| 1600  | 0  | 131488 | 99.97  |
| 1610  | 1  | 131489 | 99.97  |
| 1620  | 0  | 131489 | 99.97  |
| 1630  | 0  | 131489 | 99.97  |
| 1640  | 1  | 131490 | 99.97  |
| 1650  | 0  | 131490 | 99.97  |
| 1660  | 33 | 131523 | 100.00 |
| 1670  | 0  | 131523 | 100.00 |
| 1680  | 0  | 131523 | 100.00 |
| 1690  | 0  | 131523 | 100.00 |
| 1700  | 0  | 131523 | 100.00 |
| 1710  | 0  | 131523 | 100.00 |
| 1720  | 0  | 131523 | 100.00 |
| 1730  | 0  | 131523 | 100.00 |
| 1740  | 0  | 131523 | 100.00 |
| 1750  | 0  | 131523 | 100.00 |
| 1760  | 0  | 131523 | 100.00 |
| 1770  | 0  | 131523 | 100.00 |
| 1780  | 0  | 131523 | 100.00 |
| 1790  | 0  | 131523 | 100.00 |
| 1800  | 0  | 131523 | 100.00 |
| 1810  | 0  | 131523 | 100.00 |
| 1820  | 0  | 131523 | 100.00 |
| 1830  | 0  | 131523 | 100.00 |
| 1840  | 0  | 131523 | 100.00 |
| 1850  | 0  | 131523 | 100.00 |
| 1860  | 0  | 131523 | 100.00 |
| 1870  | 0  | 131523 | 100.00 |
| 1880  | 0  | 131523 | 100.00 |
| 1890  | 0  | 131523 | 100.00 |
| 1900  | 0  | 131523 | 100.00 |
| 1910  | 0  | 131523 | 100.00 |
| 1920  | 0  | 131523 | 100.00 |
| 1930  | 0  | 131523 | 100.00 |
| 1940  | 0  | 131523 | 100.00 |
| 1950  | 0  | 131523 | 100.00 |
| 1960  | 0  | 131523 | 100.00 |
| 1970  | 0  | 131523 | 100.00 |
| 1980  | 0  | 131523 | 100.00 |
| 1990  | 0  | 131523 | 100.00 |
| Above | 0  | 131523 | 100.00 |

PWR Kinf Percentiles

| Kinf  | Assy | CumAssy | Percent |
|-------|------|---------|---------|
| 0.760 | 5    | 5       | 0.00    |
| 0.770 | 0    | 5       | 0.00    |
| 0.780 | 0    | 5       | 0.00    |
| 0.790 | 0    | 5       | 0.00    |
| 0.800 | 0    | 5       | 0.00    |
| 0.810 | 11   | 16      | 0.01    |
| 0.820 | 24   | 40      | 0.03    |
| 0.830 | 84   | 124     | 0.09    |

|       |       |        |        |
|-------|-------|--------|--------|
| 0.840 | 1     | 125    | 0.10   |
| 0.850 | 1     | 126    | 0.10   |
| 0.860 | 18    | 144    | 0.11   |
| 0.870 | 2     | 146    | 0.11   |
| 0.880 | 40    | 186    | 0.14   |
| 0.890 | 14    | 200    | 0.15   |
| 0.900 | 27    | 227    | 0.17   |
| 0.910 | 192   | 419    | 0.32   |
| 0.920 | 280   | 699    | 0.53   |
| 0.930 | 401   | 1100   | 0.84   |
| 0.940 | 766   | 1866   | 1.42   |
| 0.950 | 1693  | 3559   | 2.71   |
| 0.960 | 3151  | 6710   | 5.10   |
| 0.970 | 5411  | 12121  | 9.22   |
| 0.980 | 8033  | 20154  | 15.32  |
| 0.990 | 11870 | 32024  | 24.35  |
| 1.000 | 13339 | 45363  | 34.49  |
| 1.010 | 13971 | 59334  | 45.11  |
| 1.020 | 13072 | 72406  | 55.05  |
| 1.030 | 13823 | 86229  | 65.56  |
| 1.040 | 11048 | 97277  | 73.96  |
| 1.050 | 9556  | 106833 | 81.23  |
| 1.060 | 4208  | 111041 | 84.43  |
| 1.070 | 3700  | 114741 | 87.24  |
| 1.080 | 2685  | 117426 | 89.28  |
| 1.090 | 2056  | 119482 | 90.84  |
| 1.100 | 2328  | 121810 | 92.61  |
| 1.110 | 1698  | 123508 | 93.91  |
| 1.120 | 1203  | 124711 | 94.82  |
| 1.130 | 1213  | 125924 | 95.74  |
| 1.140 | 655   | 126579 | 96.24  |
| 1.150 | 519   | 127098 | 96.64  |
| 1.160 | 668   | 127766 | 97.14  |
| 1.170 | 261   | 128027 | 97.34  |
| 1.180 | 321   | 128348 | 97.59  |
| 1.190 | 558   | 128906 | 98.01  |
| 1.200 | 278   | 129184 | 98.22  |
| 1.210 | 266   | 129450 | 98.42  |
| 1.220 | 109   | 129559 | 98.51  |
| 1.230 | 243   | 129802 | 98.69  |
| 1.240 | 385   | 130187 | 98.98  |
| 1.250 | 340   | 130527 | 99.24  |
| 1.260 | 148   | 130675 | 99.36  |
| 1.270 | 281   | 130956 | 99.57  |
| 1.280 | 66    | 131022 | 99.62  |
| 1.290 | 186   | 131208 | 99.76  |
| 1.300 | 107   | 131315 | 99.84  |
| 1.310 | 29    | 131344 | 99.86  |
| 1.320 | 61    | 131405 | 99.91  |
| 1.330 | 20    | 131425 | 99.93  |
| 1.340 | 8     | 131433 | 99.93  |
| 1.350 | 2     | 131435 | 99.93  |
| 1.360 | 44    | 131479 | 99.97  |
| 1.370 | 7     | 131486 | 99.97  |
| 1.380 | 0     | 131486 | 99.97  |
| 1.390 | 0     | 131486 | 99.97  |
| 1.400 | 0     | 131486 | 99.97  |
| 1.410 | 1     | 131487 | 99.97  |
| 1.420 | 0     | 131487 | 99.97  |
| 1.430 | 12    | 131499 | 99.98  |
| 1.440 | 0     | 131499 | 99.98  |
| 1.450 | 16    | 131515 | 99.99  |
| 1.460 | 8     | 131523 | 100.00 |
| 1.470 | 0     | 131523 | 100.00 |
| 1.480 | 0     | 131523 | 100.00 |
| 1.490 | 0     | 131523 | 100.00 |
| 1.500 | 0     | 131523 | 100.00 |
| 1.510 | 0     | 131523 | 100.00 |
| 1.520 | 0     | 131523 | 100.00 |
| 1.530 | 0     | 131523 | 100.00 |

|       |   |        |        |
|-------|---|--------|--------|
| 1.540 | 0 | 131523 | 100.00 |
| 1.550 | 0 | 131523 | 100.00 |
| 1.560 | 0 | 131523 | 100.00 |
| 1.570 | 0 | 131523 | 100.00 |
| 1.580 | 0 | 131523 | 100.00 |
| 1.590 | 0 | 131523 | 100.00 |
| Above | 0 | 131523 | 100.00 |

| Year | NTU     | B Assy | P Assy |
|------|---------|--------|--------|
| 2010 | 289.94  | 572    | 420    |
| 2011 | 603.78  | 1584   | 747    |
| 2012 | 1211.75 | 2508   | 1742   |
| 2013 | 1986.60 | 3256   | 3207   |
| 2014 | 2998.60 | 5837   | 4569   |
| 2015 | 2999.74 | 5345   | 4698   |
| 2016 | 2994.44 | 5961   | 4434   |
| 2017 | 3017.16 | 5323   | 4686   |
| 2018 | 2994.21 | 5890   | 4456   |
| 2019 | 3012.98 | 5367   | 4651   |
| 2020 | 3016.49 | 5676   | 4557   |
| 2021 | 2987.63 | 5720   | 4452   |
| 2022 | 3004.32 | 5456   | 4641   |
| 2023 | 3001.55 | 5368   | 4668   |
| 2024 | 2983.97 | 5720   | 4503   |
| 2025 | 3007.05 | 6776   | 4191   |
| 2026 | 2997.89 | 5280   | 4683   |
| 2027 | 2985.68 | 6336   | 4320   |
| 2028 | 3000.00 | 6116   | 4371   |
| 2029 | 3021.05 | 4224   | 5162   |
| 2030 | 2998.63 | 5016   | 4767   |
| 2031 | 3007.36 | 5984   | 4455   |
| 2032 | 3006.63 | 6364   | 4374   |
| 2033 | 2993.53 | 6436   | 4401   |
| 2034 | 2989.39 | 7689   | 4152   |
| 2035 | 3015.89 | 7233   | 4060   |
| 2036 | 3014.04 | 6165   | 4494   |
| 2037 | 2996.64 | 5544   | 4623   |
| 2038 | 3018.03 | 6182   | 4575   |
| 2039 | 2990.63 | 5104   | 4851   |
| 2040 | 3006.05 | 4595   | 5124   |
| 2041 | 1618.70 | 3125   | 2489   |
| 2042 | 0.00    | 0      | 0      |
| 2043 | 0.00    | 0      | 0      |
| 2044 | 0.00    | 0      | 0      |
| 2045 | 0.00    | 0      | 0      |

Average age = 25.828

JUNK FILE LISTING:

|                      |                                  |             |
|----------------------|----------------------------------|-------------|
| Nassy=1 burnup=1.87  | kinf=1.529 Enrch=3.63 Dschg=1968 | WEST VALLEY |
| Nassy=2 burnup=1.45  | kinf=1.536 Enrch=3.63 Dschg=1968 | WEST VALLEY |
| Nassy=2 burnup=1.53  | kinf=1.535 Enrch=3.63 Dschg=1968 | WEST VALLEY |
| Nassy=1 burnup=6.38  | kinf=1.455 Enrch=3.63 Dschg=1969 | WEST VALLEY |
| Nassy=2 burnup=0.32  | kinf=1.314 Enrch=2.13 Dschg=1970 | GE MORRIS ( |
| Nassy=1 burnup=0.32  | kinf=1.315 Enrch=2.13 Dschg=1970 | GE MORRIS ( |
| Nassy=3 burnup=0.35  | kinf=1.314 Enrch=2.13 Dschg=1970 | GE MORRIS ( |
| Nassy=8 burnup=0.34  | kinf=1.314 Enrch=2.13 Dschg=1970 | GE MORRIS ( |
| Nassy=1 burnup=0.35  | kinf=1.314 Enrch=2.13 Dschg=1970 | GE MORRIS ( |
| Nassy=1 burnup=0.18  | kinf=1.317 Enrch=2.13 Dschg=1970 | GE MORRIS ( |
| Nassy=1 burnup=0.36  | kinf=1.314 Enrch=2.13 Dschg=1970 | GE MORRIS ( |
| Nassy=1 burnup=0.23  | kinf=1.317 Enrch=2.13 Dschg=1970 | GE MORRIS ( |
| Nassy=1 burnup=0.32  | kinf=1.314 Enrch=2.13 Dschg=1970 | GE MORRIS ( |
| Nassy=10 burnup=0.34 | kinf=1.315 Enrch=2.13 Dschg=1970 | GE MORRIS ( |
| Nassy=1 burnup=1.48  | kinf=1.297 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=0.86  | kinf=1.307 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.22  | kinf=1.301 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=7 burnup=1.63  | kinf=1.295 Enrch=2.13 Dschg=1971 | GE MORRIS ( |

|                      |                                  |             |
|----------------------|----------------------------------|-------------|
| Nassy=3 burnup=1.77  | kinf=1.260 Enrch=1.93 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.31  | kinf=1.299 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=6 burnup=1.86  | kinf=1.291 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=4 burnup=1.85  | kinf=1.257 Enrch=1.93 Dschg=1971 | GE MORRIS ( |
| Nassy=4 burnup=1.79  | kinf=1.292 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=8 burnup=1.74  | kinf=1.293 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=11 burnup=1.74 | kinf=1.293 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.34  | kinf=1.299 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.46  | kinf=1.270 Enrch=1.97 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.57  | kinf=1.267 Enrch=1.96 Dschg=1971 | GE MORRIS ( |
| Nassy=5 burnup=1.50  | kinf=1.297 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.50  | kinf=1.297 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=5 burnup=1.76  | kinf=1.261 Enrch=1.94 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.23  | kinf=1.279 Enrch=2.00 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.31  | kinf=1.299 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=1.46  | kinf=1.298 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=6 burnup=1.48  | kinf=1.297 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.00  | kinf=1.305 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.00  | kinf=1.305 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=1.09  | kinf=1.303 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=4 burnup=1.27  | kinf=1.300 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=0.86  | kinf=1.307 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.28  | kinf=1.300 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=1.32  | kinf=1.275 Enrch=1.99 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.11  | kinf=1.302 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=5 burnup=1.42  | kinf=1.298 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=6 burnup=1.23  | kinf=1.301 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=11 burnup=1.34 | kinf=1.300 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=1.88  | kinf=1.291 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.88  | kinf=1.291 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=4 burnup=1.15  | kinf=1.302 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=8 burnup=1.44  | kinf=1.298 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=20 burnup=1.85 | kinf=1.291 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=0.86  | kinf=1.291 Enrch=2.04 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.62  | kinf=1.265 Enrch=1.96 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.64  | kinf=1.264 Enrch=1.95 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.83  | kinf=1.292 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=22 burnup=1.83 | kinf=1.292 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=1.83  | kinf=1.292 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=1.13  | kinf=1.303 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=18 burnup=1.63 | kinf=1.295 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=6 burnup=1.63  | kinf=1.295 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=1.78  | kinf=1.260 Enrch=1.94 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=9.28  | kinf=1.410 Enrch=3.63 Dschg=1971 | WEST VALLEY |
| Nassy=1 burnup=4.99  | kinf=1.478 Enrch=3.63 Dschg=1971 | WEST VALLEY |
| Nassy=1 burnup=8.24  | kinf=1.426 Enrch=3.63 Dschg=1971 | WEST VALLEY |
| Nassy=1 burnup=9.23  | kinf=1.411 Enrch=3.63 Dschg=1971 | WEST VALLEY |
| Nassy=1 burnup=1.53  | kinf=1.318 Enrch=2.26 Dschg=1971 | DRESDEN     |
| Nassy=1 burnup=4.49  | kinf=1.250 Enrch=2.11 Dschg=1971 | OYSTER CRK  |
| Nassy=1 burnup=3.27  | kinf=1.212 Enrch=1.78 Dschg=1972 | GE MORRIS ( |
| Nassy=22 burnup=4.52 | kinf=1.253 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=2 burnup=4.52  | kinf=1.253 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=36 burnup=4.52 | kinf=1.253 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=8 burnup=3.43  | kinf=1.269 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=15 burnup=3.43 | kinf=1.269 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=13 burnup=3.43 | kinf=1.269 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=12 burnup=2.81 | kinf=1.227 Enrch=1.83 Dschg=1972 | GE MORRIS ( |
| Nassy=4 burnup=3.13  | kinf=1.217 Enrch=1.80 Dschg=1972 | GE MORRIS ( |
| Nassy=6 burnup=3.13  | kinf=1.217 Enrch=1.80 Dschg=1972 | GE MORRIS ( |
| Nassy=26 burnup=3.87 | kinf=1.195 Enrch=1.73 Dschg=1972 | GE MORRIS ( |
| Nassy=4 burnup=3.87  | kinf=1.195 Enrch=1.73 Dschg=1972 | GE MORRIS ( |
| Nassy=8 burnup=4.14  | kinf=1.258 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=44 burnup=4.14 | kinf=1.258 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=5 burnup=4.14  | kinf=1.258 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=10 burnup=4.14 | kinf=1.258 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=14 burnup=4.62 | kinf=1.173 Enrch=1.67 Dschg=1972 | GE MORRIS ( |
| Nassy=13 burnup=3.39 | kinf=1.209 Enrch=1.77 Dschg=1972 | GE MORRIS ( |
| Nassy=2 burnup=3.34  | kinf=1.269 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=3 burnup=3.34  | kinf=1.269 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=5 burnup=4.77  | kinf=1.249 Enrch=2.13 Dschg=1972 | GE MORRIS ( |

|                      |                                  |             |
|----------------------|----------------------------------|-------------|
| Nassy=5 burnup=3.84  | kinf=1.195 Enrch=1.73 Dschg=1972 | GE MORRIS ( |
| Nassy=1 burnup=3.28  | kinf=1.271 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=1 burnup=2.73  | kinf=1.279 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=7 burnup=4.69  | kinf=1.250 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=14 burnup=4.69 | kinf=1.250 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=2 burnup=4.69  | kinf=1.250 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=23 burnup=4.31 | kinf=1.182 Enrch=1.69 Dschg=1972 | GE MORRIS ( |
| Nassy=10 burnup=3.12 | kinf=1.273 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=9 burnup=3.60  | kinf=1.203 Enrch=1.76 Dschg=1972 | GE MORRIS ( |
| Nassy=3 burnup=3.60  | kinf=1.203 Enrch=1.76 Dschg=1972 | GE MORRIS ( |
| Nassy=1 burnup=3.60  | kinf=1.203 Enrch=1.76 Dschg=1972 | GE MORRIS ( |
| Nassy=4 burnup=2.84  | kinf=1.277 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=40 burnup=4.38 | kinf=1.254 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=15 burnup=4.38 | kinf=1.254 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=1 burnup=3.91  | kinf=1.261 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=2 burnup=3.91  | kinf=1.261 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=21 burnup=3.79 | kinf=1.263 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=5 burnup=3.77  | kinf=1.264 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=33 burnup=3.77 | kinf=1.264 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=11 burnup=3.77 | kinf=1.264 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=10 burnup=3.77 | kinf=1.264 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=24 burnup=4.39 | kinf=1.179 Enrch=1.68 Dschg=1972 | GE MORRIS ( |
| Nassy=10 burnup=4.64 | kinf=1.172 Enrch=1.66 Dschg=1972 | GE MORRIS ( |
| Nassy=4 burnup=4.64  | kinf=1.172 Enrch=1.66 Dschg=1972 | GE MORRIS ( |
| Nassy=1 burnup=8.59  | kinf=1.421 Enrch=3.63 Dschg=1972 | WEST VALLEY |
| Nassy=1 burnup=9.12  | kinf=1.413 Enrch=3.63 Dschg=1972 | WEST VALLEY |
| Nassy=1 burnup=8.73  | kinf=1.419 Enrch=3.63 Dschg=1972 | WEST VALLEY |
| Nassy=2 burnup=4.86  | kinf=1.239 Enrch=2.08 Dschg=1972 | HILLSTONE   |
| Nassy=4 burnup=6.45  | kinf=1.454 Enrch=3.63 Dschg=1973 | WEST VALLEY |
| Nassy=1 burnup=8.75  | kinf=1.418 Enrch=3.63 Dschg=1973 | WEST VALLEY |
| Nassy=1 burnup=7.35  | kinf=1.440 Enrch=3.63 Dschg=1973 | WEST VALLEY |
| Nassy=1 burnup=3.88  | kinf=1.262 Enrch=2.13 Dschg=1973 | DRESDEN     |
| Nassy=2 burnup=4.96  | kinf=1.246 Enrch=2.13 Dschg=1973 | DRESDEN     |
| Nassy=1 burnup=1.05  | kinf=1.365 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=3 burnup=0.97  | kinf=1.366 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=5 burnup=4.32  | kinf=1.315 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=1 burnup=0.99  | kinf=1.366 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=12 burnup=4.39 | kinf=1.315 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=2 burnup=4.39  | kinf=1.315 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=7 burnup=4.39  | kinf=1.315 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=2 burnup=4.00  | kinf=1.320 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=5 burnup=4.05  | kinf=1.320 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=4 burnup=1.16  | kinf=1.364 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=6 burnup=4.66  | kinf=1.311 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=1 burnup=0.99  | kinf=1.366 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=1 burnup=4.69  | kinf=1.310 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=4 burnup=9.23  | kinf=1.411 Enrch=3.63 Dschg=1973 | LACROSSE    |
| Nassy=1 burnup=8.77  | kinf=1.418 Enrch=3.63 Dschg=1973 | LACROSSE    |
| Nassy=1 burnup=9.10  | kinf=1.413 Enrch=3.63 Dschg=1973 | LACROSSE    |
| Nassy=3 burnup=9.10  | kinf=1.413 Enrch=3.63 Dschg=1973 | LACROSSE    |
| Nassy=1 burnup=3.97  | kinf=1.271 Enrch=2.19 Dschg=1973 | PILGRIM     |
| Nassy=1 burnup=2.63  | kinf=1.290 Enrch=2.19 Dschg=1973 | PILGRIM     |
| Nassy=1 burnup=8.95  | kinf=1.415 Enrch=3.63 Dschg=1974 | WEST VALLEY |
| Nassy=1 burnup=8.15  | kinf=1.428 Enrch=3.63 Dschg=1974 | WEST VALLEY |
| Nassy=5 burnup=4.95  | kinf=1.306 Enrch=2.50 Dschg=1974 | VT YANKEE   |
| Nassy=3 burnup=4.95  | kinf=1.306 Enrch=2.50 Dschg=1974 | VT YANKEE   |
| Nassy=1 burnup=7.57  | kinf=1.476 Enrch=3.92 Dschg=1975 | LACROSSE    |
| Nassy=1 burnup=3.71  | kinf=1.263 Enrch=2.12 Dschg=1975 | DUANE ARNOL |
| Nassy=1 burnup=3.78  | kinf=1.280 Enrch=2.23 Dschg=1975 | DRESDEN     |
| Nassy=1 burnup=2.90  | kinf=1.273 Enrch=2.11 Dschg=1976 | BRUNSWICK   |
| Nassy=1 burnup=3.30  | kinf=1.267 Enrch=2.11 Dschg=1976 | BRUNSWICK   |
| Nassy=2 burnup=2.43  | kinf=1.105 Enrch=1.11 Dschg=1976 | BRUNSWICK   |
| Nassy=2 burnup=3.05  | kinf=1.320 Enrch=2.41 Dschg=1976 | HUMBOLDT BA |
| Nassy=2 burnup=3.30  | kinf=1.315 Enrch=2.40 Dschg=1976 | HUMBOLDT BA |
| Nassy=2 burnup=2.43  | kinf=1.329 Enrch=2.41 Dschg=1976 | HUMBOLDT BA |
| Nassy=2 burnup=2.43  | kinf=1.329 Enrch=2.41 Dschg=1976 | HUMBOLDT BA |
| Nassy=2 burnup=2.69  | kinf=1.325 Enrch=2.41 Dschg=1976 | HUMBOLDT BA |
| Nassy=2 burnup=3.89  | kinf=1.308 Enrch=2.41 Dschg=1976 | HUMBOLDT BA |
| Nassy=2 burnup=4.34  | kinf=1.301 Enrch=2.41 Dschg=1976 | HUMBOLDT BA |
| Nassy=1 burnup=1.31  | kinf=1.346 Enrch=2.41 Dschg=1976 | HUMBOLDT BA |

|                      |                                  |             |
|----------------------|----------------------------------|-------------|
| Nassy=1 burnup=12.04 | kinf=1.407 Enrch=3.92 Dschg=1977 | LACROSSE    |
| Nassy=1 burnup=12.30 | kinf=1.403 Enrch=3.93 Dschg=1977 | LACROSSE    |
| Nassy=1 burnup=7.61  | kinf=1.476 Enrch=3.92 Dschg=1977 | LACROSSE    |
| Nassy=1 burnup=12.42 | kinf=1.401 Enrch=3.92 Dschg=1977 | LACROSSE    |
| Nassy=5 burnup=3.65  | kinf=1.282 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=2 burnup=3.35  | kinf=1.287 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=4 burnup=3.35  | kinf=1.287 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=2 burnup=3.08  | kinf=1.291 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=4 burnup=4.00  | kinf=1.277 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=21 burnup=4.97 | kinf=1.263 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=5 burnup=4.97  | kinf=1.263 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=1 burnup=4.53  | kinf=1.269 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=22 burnup=4.53 | kinf=1.269 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=4 burnup=3.58  | kinf=1.019 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=10 burnup=1.89 | kinf=1.041 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=6 burnup=1.89  | kinf=1.041 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=8 burnup=2.53  | kinf=1.032 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=20 burnup=2.53 | kinf=1.032 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=10 burnup=2.83 | kinf=1.028 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=6 burnup=2.83  | kinf=1.028 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=8 burnup=4.31  | kinf=1.009 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=4 burnup=3.00  | kinf=1.026 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=5 burnup=3.15  | kinf=1.024 Enrch=0.72 Dschg=1985 | SUSQUEHANNA |
| Nassy=3 burnup=3.15  | kinf=1.024 Enrch=0.72 Dschg=1985 | SUSQUEHANNA |
| Nassy=8 burnup=4.11  | kinf=1.012 Enrch=0.72 Dschg=1985 | SUSQUEHANNA |
| Nassy=33 burnup=4.71 | kinf=1.004 Enrch=0.72 Dschg=1985 | SUSQUEHANNA |
| Nassy=12 burnup=4.71 | kinf=1.004 Enrch=0.72 Dschg=1985 | SUSQUEHANNA |
| Nassy=3 burnup=4.71  | kinf=1.004 Enrch=0.72 Dschg=1985 | SUSQUEHANNA |
| Nassy=8 burnup=2.96  | kinf=1.027 Enrch=0.72 Dschg=1985 | SUSQUEHANNA |
| Nassy=4 burnup=3.14  | kinf=1.024 Enrch=0.72 Dschg=1985 | LASALLE     |
| Nassy=8 burnup=4.86  | kinf=1.003 Enrch=0.72 Dschg=1985 | LASALLE     |
| Nassy=8 burnup=2.92  | kinf=1.027 Enrch=0.72 Dschg=1985 | LASALLE     |
| Nassy=6 burnup=3.41  | kinf=1.021 Enrch=0.72 Dschg=1985 | LASALLE     |
| Nassy=2 burnup=3.41  | kinf=1.021 Enrch=0.72 Dschg=1985 | LASALLE     |
| Nassy=18 burnup=4.08 | kinf=1.012 Enrch=0.72 Dschg=1985 | LASALLE     |
| Nassy=8 burnup=3.91  | kinf=1.015 Enrch=0.72 Dschg=1985 | LASALLE     |
| Nassy=22 burnup=3.91 | kinf=1.015 Enrch=0.72 Dschg=1985 | LASALLE     |
| Nassy=8 burnup=2.64  | kinf=1.031 Enrch=0.72 Dschg=1985 | LASALLE     |
| Nassy=8 burnup=2.22  | kinf=1.038 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=14 burnup=2.86 | kinf=1.030 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=3 burnup=3.07  | kinf=1.027 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=5 burnup=3.07  | kinf=1.027 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=31 burnup=2.65 | kinf=1.033 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=11 burnup=2.65 | kinf=1.033 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=16 burnup=1.77 | kinf=1.044 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=4 burnup=3.28  | kinf=1.024 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=22 burnup=4.17 | kinf=1.013 Enrch=0.73 Dschg=1986 | SUSQUEHANNA |
| Nassy=4 burnup=4.17  | kinf=1.013 Enrch=0.73 Dschg=1986 | SUSQUEHANNA |
| Nassy=8 burnup=3.09  | kinf=1.026 Enrch=0.73 Dschg=1986 | SUSQUEHANNA |
| Nassy=8 burnup=2.76  | kinf=1.030 Enrch=0.72 Dschg=1986 | SUSQUEHANNA |
| Nassy=12 burnup=3.50 | kinf=1.020 Enrch=0.72 Dschg=1986 | SUSQUEHANNA |
| Nassy=7 burnup=3.98  | kinf=1.015 Enrch=0.73 Dschg=1986 | SUSQUEHANNA |
| Nassy=15 burnup=3.98 | kinf=1.015 Enrch=0.73 Dschg=1986 | SUSQUEHANNA |
| Nassy=8 burnup=4.72  | kinf=1.006 Enrch=0.73 Dschg=1986 | SUSQUEHANNA |
| Nassy=10 burnup=3.35 | kinf=1.022 Enrch=0.72 Dschg=1986 | GRAND GULF  |
| Nassy=1 burnup=3.35  | kinf=1.022 Enrch=0.72 Dschg=1986 | GRAND GULF  |
| Nassy=43 burnup=3.35 | kinf=1.022 Enrch=0.72 Dschg=1986 | GRAND GULF  |
| Nassy=18 burnup=3.35 | kinf=1.022 Enrch=0.72 Dschg=1986 | GRAND GULF  |
| Nassy=20 burnup=3.35 | kinf=1.022 Enrch=0.72 Dschg=1986 | GRAND GULF  |
| Nassy=2 burnup=4.00  | kinf=1.013 Enrch=0.72 Dschg=1987 | LASALLE     |
| Nassy=40 burnup=4.00 | kinf=1.013 Enrch=0.72 Dschg=1987 | LASALLE     |
| Nassy=21 burnup=4.00 | kinf=1.013 Enrch=0.72 Dschg=1987 | LASALLE     |
| Nassy=23 burnup=4.00 | kinf=1.013 Enrch=0.72 Dschg=1987 | LASALLE     |
| Nassy=5 burnup=4.00  | kinf=1.013 Enrch=0.72 Dschg=1987 | LASALLE     |
| Nassy=1 burnup=4.00  | kinf=1.013 Enrch=0.72 Dschg=1987 | LASALLE     |
| Nassy=15 burnup=5.00 | kinf=1.487 Enrch=3.70 Dschg=1987 | LACROSSE    |
| Nassy=8 burnup=5.00  | kinf=1.487 Enrch=3.70 Dschg=1987 | LACROSSE    |
| Nassy=1 burnup=5.00  | kinf=1.488 Enrch=3.71 Dschg=1987 | LACROSSE    |
| Nassy=16 burnup=3.00 | kinf=1.026 Enrch=0.72 Dschg=1987 | RVR BEND    |
| Nassy=24 burnup=3.00 | kinf=1.026 Enrch=0.72 Dschg=1987 | RVR BEND    |

|                        |                                  |             |
|------------------------|----------------------------------|-------------|
| Nassy=20 burnup=3.00   | kinf=1.026 Enrch=0.72 Dschg=1987 | RVR BEND    |
| Nassy=14 burnup=3.00   | kinf=1.026 Enrch=0.72 Dschg=1987 | RVR BEND    |
| Nassy=2 burnup=3.00    | kinf=1.026 Enrch=0.72 Dschg=1987 | RVR BEND    |
| Nassy=33 burnup=3.00   | kinf=1.028 Enrch=0.73 Dschg=1988 | HOPE CREEK  |
| Nassy=27 burnup=3.00   | kinf=1.028 Enrch=0.73 Dschg=1988 | HOPE CREEK  |
| Nassy=17 burnup=3.00   | kinf=1.028 Enrch=0.73 Dschg=1988 | HOPE CREEK  |
| Nassy=15 burnup=3.00   | kinf=1.028 Enrch=0.73 Dschg=1988 | HOPE CREEK  |
| Nassy=37 burnup=3.00   | kinf=1.026 Enrch=0.72 Dschg=1989 | CLINTON     |
| Nassy=7 burnup=3.00    | kinf=1.026 Enrch=0.72 Dschg=1989 | CLINTON     |
| Nassy=32 burnup=3.00   | kinf=1.026 Enrch=0.72 Dschg=1989 | CLINTON     |
| Nassy=6 burnup=3.00    | kinf=1.026 Enrch=0.72 Dschg=1989 | ENRICO FERM |
| Nassy=2 burnup=3.00    | kinf=1.026 Enrch=0.72 Dschg=1989 | ENRICO FERM |
| Nassy=9 burnup=3.00    | kinf=1.026 Enrch=0.72 Dschg=1989 | ENRICO FERM |
| Nassy=35 burnup=3.00   | kinf=1.026 Enrch=0.72 Dschg=1989 | ENRICO FERM |
| Nassy=9 burnup=3.00    | kinf=1.026 Enrch=0.72 Dschg=1989 | ENRICO FERM |
| Nassy=31 burnup=3.00   | kinf=1.026 Enrch=0.72 Dschg=1989 | ENRICO FERM |
| Nassy=28 burnup=4.00   | kinf=1.013 Enrch=0.72 Dschg=1990 | NINE MILE P |
| Nassy=2 burnup=4.00    | kinf=1.013 Enrch=0.72 Dschg=1990 | NINE MILE P |
| Nassy=42 burnup=4.00   | kinf=1.013 Enrch=0.72 Dschg=1990 | NINE MILE P |
| Nassy=2 burnup=4.00    | kinf=1.013 Enrch=0.72 Dschg=1990 | NINE MILE P |
| Nassy=18 burnup=4.00   | kinf=1.013 Enrch=0.72 Dschg=1990 | NINE MILE P |
| Nassy=4 burnup=3.00    | kinf=1.026 Enrch=0.72 Dschg=1991 | SUSQUEHANNA |
| Nassy=41 burnup=3.00   | kinf=1.026 Enrch=0.72 Dschg=1991 | LIMERICK    |
| Nassy=38 burnup=3.00   | kinf=1.026 Enrch=0.72 Dschg=1991 | LIMERICK    |
| Nassy=6 burnup=3.00    | kinf=1.026 Enrch=0.72 Dschg=1991 | LIMERICK    |
| Nassy=7 burnup=3.00    | kinf=1.026 Enrch=0.72 Dschg=1991 | LIMERICK    |
| Nassy=1 burnup=1.97    | kinf=1.483 Enrch=3.34 Dschg=1994 | RVR BEND    |
| Nassy=8 burnup=7.19    | kinf=1.402 Enrch=3.35 Dschg=2009 | NINE MILE P |
| Nassy=25 burnup=7.19   | kinf=1.402 Enrch=3.35 Dschg=2009 | NINE MILE P |
| Nassy=19 burnup=7.19   | kinf=1.402 Enrch=3.35 Dschg=2009 | NINE MILE P |
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| Nassy=25 burnup=7.19   | kinf=1.402 Enrch=3.35 Dschg=2009 | NINE MILE P |
| Nassy=11 burnup=7.19   | kinf=1.402 Enrch=3.35 Dschg=2009 | NINE MILE P |
| Nassy=4 burnup=7.59    | kinf=1.400 Enrch=3.38 Dschg=2009 | OYSTER CRK  |
| Nassy=12 burnup=7.59   | kinf=1.400 Enrch=3.38 Dschg=2009 | OYSTER CRK  |
| Nassy=32 burnup=7.59   | kinf=1.400 Enrch=3.38 Dschg=2009 | OYSTER CRK  |
| Nassy=12 burnup=7.59   | kinf=1.400 Enrch=3.38 Dschg=2009 | OYSTER CRK  |
| Nassy=20 burnup=7.59   | kinf=1.400 Enrch=3.38 Dschg=2009 | OYSTER CRK  |
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| age=9 , mass= 5.776000 |                                  |             |
| Nassy=32 burnup=8.57   | kinf=1.410 Enrch=3.56 Dschg=2012 | PILGRIM     |
| Nassy=132 burnup=8.57  | kinf=1.410 Enrch=3.56 Dschg=2012 | PILGRIM     |
| Nassy=25 burnup=8.57   | kinf=1.410 Enrch=3.56 Dschg=2012 | PILGRIM     |
| Nassy=3 burnup=8.57    | kinf=1.410 Enrch=3.56 Dschg=2012 | PILGRIM     |
| Nassy=2 burnup=6.41    | kinf=1.443 Enrch=3.55 Dschg=2012 | QUAD CITIES |
| Nassy=20 burnup=6.41   | kinf=1.443 Enrch=3.55 Dschg=2012 | QUAD CITIES |
| Nassy=4 burnup=6.41    | kinf=1.443 Enrch=3.55 Dschg=2012 | QUAD CITIES |
| Nassy=24 burnup=6.41   | kinf=1.443 Enrch=3.55 Dschg=2012 | QUAD CITIES |
| Nassy=16 burnup=6.41   | kinf=1.443 Enrch=3.55 Dschg=2012 | QUAD CITIES |
| Nassy=8 burnup=6.41    | kinf=1.443 Enrch=3.55 Dschg=2012 | QUAD CITIES |
| Nassy=24 burnup=6.41   | kinf=1.443 Enrch=3.55 Dschg=2012 | QUAD CITIES |
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| Nassy=7 burnup=6.41    | kinf=1.443 Enrch=3.55 Dschg=2012 | QUAD CITIES |
| Nassy=19 burnup=6.61   | kinf=1.438 Enrch=3.54 Dschg=2014 | BRUNSWICK   |
| Nassy=16 burnup=6.61   | kinf=1.438 Enrch=3.54 Dschg=2014 | BRUNSWICK   |
| Nassy=8 burnup=6.61    | kinf=1.438 Enrch=3.54 Dschg=2014 | BRUNSWICK   |
| Nassy=24 burnup=6.61   | kinf=1.438 Enrch=3.54 Dschg=2014 | BRUNSWICK   |
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age=5 , mass= 3.230000  
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age=5 , mass= 2.307000  
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age=5 , mass= 16.611000  
age=5 , mass= 2.307000  
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age=5 , mass= 7.844000  
age=5 , mass= 0.923000

-----  
INPUT FILE LISTING:  
-----

| #bins | Input_file | Output_file | Case_title            | Last_delivery |
|-------|------------|-------------|-----------------------|---------------|
| 0     | case10.wsm | case10.out  | W10:yff10_aucf_noi_87 | 2045          |
| Type  | Cap        | Hmin        | Hmax                  | Kmin          |
|       |            |             |                       | Kmax          |

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OUTPUT FILE LISTING:  
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W10:yff10\_aucf\_noi\_87  
Standard Table

BWR Heat Percentiles

| Watts/Assy | Assy | Cum Assy | Percent |
|------------|------|----------|---------|
| 10         | 482  | 482      | 0.29    |
| 20         | 2028 | 2510     | 1.50    |
| 30         | 2050 | 4560     | 2.72    |
| 40         | 3536 | 8096     | 4.83    |
| 50         | 3574 | 11670    | 6.96    |
| 60         | 5213 | 16883    | 10.06   |
| 70         | 7999 | 24882    | 14.83   |
| 80         | 8238 | 33120    | 19.74   |
| 90         | 9072 | 42192    | 25.15   |
| 100        | 7525 | 49717    | 29.64   |
| 110        | 5754 | 55471    | 33.07   |
| 120        | 5614 | 61085    | 36.42   |
| 130        | 4324 | 65409    | 38.99   |
| 140        | 4187 | 69596    | 41.49   |
| 150        | 5023 | 74619    | 44.48   |
| 160        | 4972 | 79591    | 47.45   |
| 170        | 3971 | 83562    | 49.81   |
| 180        | 3510 | 87072    | 51.91   |
| 190        | 3179 | 90251    | 53.80   |
| 200        | 3835 | 94086    | 56.09   |
| 210        | 3271 | 97357    | 58.04   |
| 220        | 3130 | 100487   | 59.90   |
| 230        | 3482 | 103969   | 61.98   |
| 240        | 5253 | 109222   | 65.11   |
| 250        | 3950 | 113172   | 67.47   |
| 260        | 3620 | 116792   | 69.62   |
| 270        | 7474 | 124266   | 74.08   |
| 280        | 4575 | 128841   | 76.81   |
| 290        | 5407 | 134248   | 80.03   |
| 300        | 2775 | 137023   | 81.69   |
| 310        | 4069 | 141092   | 84.11   |
| 320        | 5165 | 146257   | 87.19   |
| 330        | 4294 | 150551   | 89.75   |
| 340        | 5099 | 155650   | 92.79   |
| 350        | 7368 | 163018   | 97.18   |
| 360        | 3412 | 166430   | 99.22   |
| 370        | 253  | 166683   | 99.37   |
| 380        | 428  | 167111   | 99.62   |
| 390        | 440  | 167551   | 99.88   |
| 400        | 140  | 167691   | 99.97   |
| 410        | 54   | 167745   | 100.00  |
| 420        | 0    | 167745   | 100.00  |
| 430        | 0    | 167745   | 100.00  |
| 440        | 0    | 167745   | 100.00  |
| 450        | 0    | 167745   | 100.00  |
| 460        | 0    | 167745   | 100.00  |
| 470        | 0    | 167745   | 100.00  |
| 480        | 0    | 167745   | 100.00  |
| 490        | 0    | 167745   | 100.00  |
| 500        | 0    | 167745   | 100.00  |
| 510        | 0    | 167745   | 100.00  |
| 520        | 0    | 167745   | 100.00  |
| 530        | 0    | 167745   | 100.00  |
| 540        | 0    | 167745   | 100.00  |
| 550        | 0    | 167745   | 100.00  |

|       |   |        |        |
|-------|---|--------|--------|
| 560   | 0 | 167745 | 100.00 |
| 570   | 0 | 167745 | 100.00 |
| 580   | 0 | 167745 | 100.00 |
| 590   | 0 | 167745 | 100.00 |
| 600   | 0 | 167745 | 100.00 |
| 610   | 0 | 167745 | 100.00 |
| 620   | 0 | 167745 | 100.00 |
| 630   | 0 | 167745 | 100.00 |
| 640   | 0 | 167745 | 100.00 |
| 650   | 0 | 167745 | 100.00 |
| 660   | 0 | 167745 | 100.00 |
| 670   | 0 | 167745 | 100.00 |
| 680   | 0 | 167745 | 100.00 |
| 690   | 0 | 167745 | 100.00 |
| 700   | 0 | 167745 | 100.00 |
| 710   | 0 | 167745 | 100.00 |
| 720   | 0 | 167745 | 100.00 |
| 730   | 0 | 167745 | 100.00 |
| 740   | 0 | 167745 | 100.00 |
| 750   | 0 | 167745 | 100.00 |
| 760   | 0 | 167745 | 100.00 |
| 770   | 0 | 167745 | 100.00 |
| 780   | 0 | 167745 | 100.00 |
| 790   | 0 | 167745 | 100.00 |
| 800   | 0 | 167745 | 100.00 |
| 810   | 0 | 167745 | 100.00 |
| 820   | 0 | 167745 | 100.00 |
| 830   | 0 | 167745 | 100.00 |
| 840   | 0 | 167745 | 100.00 |
| 850   | 0 | 167745 | 100.00 |
| 860   | 0 | 167745 | 100.00 |
| 870   | 0 | 167745 | 100.00 |
| 880   | 0 | 167745 | 100.00 |
| 890   | 0 | 167745 | 100.00 |
| 900   | 0 | 167745 | 100.00 |
| 910   | 0 | 167745 | 100.00 |
| 920   | 0 | 167745 | 100.00 |
| 930   | 0 | 167745 | 100.00 |
| 940   | 0 | 167745 | 100.00 |
| 950   | 0 | 167745 | 100.00 |
| 960   | 0 | 167745 | 100.00 |
| 970   | 0 | 167745 | 100.00 |
| 980   | 0 | 167745 | 100.00 |
| 990   | 0 | 167745 | 100.00 |
| Above | 0 | 167745 | 100.00 |

BWR Kinf Percentiles

| Kinf  | Assy | CumAssy | Percent |
|-------|------|---------|---------|
| 0.760 | 0    | 0       | 0.00    |
| 0.770 | 0    | 0       | 0.00    |
| 0.780 | 0    | 0       | 0.00    |
| 0.790 | 0    | 0       | 0.00    |
| 0.800 | 0    | 0       | 0.00    |
| 0.810 | 12   | 12      | 0.01    |
| 0.820 | 0    | 12      | 0.01    |
| 0.830 | 27   | 39      | 0.02    |
| 0.840 | 8    | 47      | 0.03    |
| 0.850 | 32   | 79      | 0.05    |
| 0.860 | 114  | 193     | 0.12    |
| 0.870 | 53   | 246     | 0.15    |
| 0.880 | 487  | 733     | 0.44    |
| 0.890 | 239  | 972     | 0.58    |
| 0.900 | 608  | 1580    | 0.94    |
| 0.910 | 416  | 1996    | 1.19    |
| 0.920 | 1211 | 3207    | 1.91    |
| 0.930 | 1475 | 4682    | 2.79    |
| 0.940 | 2199 | 6881    | 4.10    |
| 0.950 | 1806 | 8687    | 5.18    |
| 0.960 | 2822 | 11509   | 6.86    |

|       |       |        |        |
|-------|-------|--------|--------|
| 0.970 | 5375  | 16884  | 10.07  |
| 0.980 | 14383 | 31267  | 18.64  |
| 0.990 | 6991  | 38258  | 22.81  |
| 1.000 | 8010  | 46268  | 27.58  |
| 1.010 | 11642 | 57910  | 34.52  |
| 1.020 | 15691 | 73601  | 43.88  |
| 1.030 | 13437 | 87038  | 51.89  |
| 1.040 | 18971 | 106009 | 63.20  |
| 1.050 | 9909  | 115918 | 69.10  |
| 1.060 | 9784  | 125702 | 74.94  |
| 1.070 | 6461  | 132163 | 78.79  |
| 1.080 | 4283  | 136446 | 81.34  |
| 1.090 | 4623  | 141069 | 84.10  |
| 1.100 | 2791  | 143860 | 85.76  |
| 1.110 | 1627  | 145487 | 86.73  |
| 1.120 | 2713  | 148200 | 88.35  |
| 1.130 | 745   | 148945 | 88.79  |
| 1.140 | 1538  | 150483 | 89.71  |
| 1.150 | 1218  | 151701 | 90.44  |
| 1.160 | 789   | 152490 | 90.91  |
| 1.170 | 1541  | 154031 | 91.82  |
| 1.180 | 637   | 154668 | 92.20  |
| 1.190 | 579   | 155247 | 92.55  |
| 1.200 | 632   | 155879 | 92.93  |
| 1.210 | 687   | 156566 | 93.34  |
| 1.220 | 245   | 156811 | 93.48  |
| 1.230 | 355   | 157166 | 93.69  |
| 1.240 | 371   | 157537 | 93.91  |
| 1.250 | 1403  | 158940 | 94.75  |
| 1.260 | 895   | 159835 | 95.28  |
| 1.270 | 873   | 160708 | 95.80  |
| 1.280 | 404   | 161112 | 96.05  |
| 1.290 | 891   | 162003 | 96.58  |
| 1.300 | 471   | 162474 | 96.86  |
| 1.310 | 596   | 163070 | 97.21  |
| 1.320 | 138   | 163208 | 97.30  |
| 1.330 | 803   | 164011 | 97.77  |
| 1.340 | 370   | 164381 | 97.99  |
| 1.350 | 662   | 165043 | 98.39  |
| 1.360 | 127   | 165170 | 98.46  |
| 1.370 | 242   | 165412 | 98.61  |
| 1.380 | 840   | 166252 | 99.11  |
| 1.390 | 133   | 166385 | 99.19  |
| 1.400 | 193   | 166578 | 99.30  |
| 1.410 | 503   | 167081 | 99.60  |
| 1.420 | 16    | 167097 | 99.61  |
| 1.430 | 3     | 167100 | 99.62  |
| 1.440 | 92    | 167192 | 99.67  |
| 1.450 | 154   | 167346 | 99.76  |
| 1.460 | 169   | 167515 | 99.86  |
| 1.470 | 1     | 167516 | 99.86  |
| 1.480 | 3     | 167519 | 99.87  |
| 1.490 | 25    | 167544 | 99.88  |
| 1.500 | 0     | 167544 | 99.88  |
| 1.510 | 196   | 167740 | 100.00 |
| 1.520 | 0     | 167740 | 100.00 |
| 1.530 | 1     | 167741 | 100.00 |
| 1.540 | 4     | 167745 | 100.00 |
| 1.550 | 0     | 167745 | 100.00 |
| 1.560 | 0     | 167745 | 100.00 |
| 1.570 | 0     | 167745 | 100.00 |
| 1.580 | 0     | 167745 | 100.00 |
| 1.590 | 0     | 167745 | 100.00 |
| Above | 0     | 167745 | 100.00 |

PWR Heat Percentiles

| Watts/Assy | Assy | Cum Assy | Percent |
|------------|------|----------|---------|
| 10         | 8    | 8        | 0.01    |
| 20         | 31   | 39       | 0.03    |

|     |      |        |       |
|-----|------|--------|-------|
| 30  | 18   | 57     | 0.04  |
| 40  | 31   | 88     | 0.07  |
| 50  | 97   | 185    | 0.14  |
| 60  | 148  | 333    | 0.25  |
| 70  | 115  | 448    | 0.34  |
| 80  | 242  | 690    | 0.52  |
| 90  | 300  | 990    | 0.75  |
| 100 | 380  | 1370   | 1.04  |
| 110 | 612  | 1982   | 1.51  |
| 120 | 746  | 2728   | 2.07  |
| 130 | 1004 | 3732   | 2.84  |
| 140 | 1162 | 4894   | 3.72  |
| 150 | 948  | 5842   | 4.44  |
| 160 | 743  | 6585   | 5.01  |
| 170 | 849  | 7434   | 5.65  |
| 180 | 1581 | 9015   | 6.85  |
| 190 | 1801 | 10816  | 8.22  |
| 200 | 1728 | 12544  | 9.54  |
| 210 | 1777 | 14321  | 10.89 |
| 220 | 2113 | 16434  | 12.50 |
| 230 | 1962 | 18396  | 13.99 |
| 240 | 2131 | 20527  | 15.61 |
| 250 | 2248 | 22775  | 17.32 |
| 260 | 2139 | 24914  | 18.94 |
| 270 | 2266 | 27180  | 20.67 |
| 280 | 2170 | 29350  | 22.32 |
| 290 | 2482 | 31832  | 24.20 |
| 300 | 2135 | 33967  | 25.83 |
| 310 | 2154 | 36121  | 27.46 |
| 320 | 1852 | 37973  | 28.87 |
| 330 | 1880 | 39853  | 30.30 |
| 340 | 1926 | 41779  | 31.77 |
| 350 | 1762 | 43541  | 33.11 |
| 360 | 1874 | 45415  | 34.53 |
| 370 | 2123 | 47538  | 36.15 |
| 380 | 2099 | 49637  | 37.74 |
| 390 | 1976 | 51613  | 39.24 |
| 400 | 1616 | 53229  | 40.47 |
| 410 | 1651 | 54880  | 41.73 |
| 420 | 1453 | 56333  | 42.83 |
| 430 | 1208 | 57541  | 43.75 |
| 440 | 1424 | 58965  | 44.83 |
| 450 | 1137 | 60102  | 45.70 |
| 460 | 1261 | 61363  | 46.66 |
| 470 | 934  | 62297  | 47.37 |
| 480 | 1299 | 63596  | 48.35 |
| 490 | 1205 | 64801  | 49.27 |
| 500 | 1634 | 66435  | 50.51 |
| 510 | 1114 | 67549  | 51.36 |
| 520 | 1152 | 68701  | 52.24 |
| 530 | 1244 | 69945  | 53.18 |
| 540 | 1095 | 71040  | 54.02 |
| 550 | 1429 | 72469  | 55.10 |
| 560 | 1525 | 73994  | 56.26 |
| 570 | 901  | 74895  | 56.95 |
| 580 | 1281 | 76176  | 57.92 |
| 590 | 1911 | 78087  | 59.37 |
| 600 | 2542 | 80629  | 61.31 |
| 610 | 2382 | 83011  | 63.12 |
| 620 | 2110 | 85121  | 64.72 |
| 630 | 1527 | 86648  | 65.88 |
| 640 | 1948 | 88596  | 67.36 |
| 650 | 3010 | 91606  | 69.65 |
| 660 | 1807 | 93413  | 71.03 |
| 670 | 1722 | 95135  | 72.34 |
| 680 | 1799 | 96934  | 73.70 |
| 690 | 3028 | 99962  | 76.01 |
| 700 | 6434 | 106396 | 80.90 |
| 710 | 5568 | 111964 | 85.13 |
| 720 | 1184 | 113148 | 86.03 |

|      |      |        |       |
|------|------|--------|-------|
| 730  | 605  | 113753 | 86.49 |
| 740  | 1110 | 114863 | 87.34 |
| 750  | 1116 | 115979 | 88.18 |
| 760  | 848  | 116827 | 88.83 |
| 770  | 789  | 117616 | 89.43 |
| 780  | 1058 | 118674 | 90.23 |
| 790  | 515  | 119189 | 90.62 |
| 800  | 555  | 119744 | 91.05 |
| 810  | 564  | 120308 | 91.48 |
| 820  | 685  | 120993 | 92.00 |
| 830  | 378  | 121371 | 92.28 |
| 840  | 310  | 121681 | 92.52 |
| 850  | 466  | 122147 | 92.87 |
| 860  | 418  | 122565 | 93.19 |
| 870  | 285  | 122850 | 93.41 |
| 880  | 187  | 123037 | 93.55 |
| 890  | 560  | 123597 | 93.98 |
| 900  | 540  | 124137 | 94.39 |
| 910  | 641  | 124778 | 94.87 |
| 920  | 365  | 125143 | 95.15 |
| 930  | 291  | 125434 | 95.37 |
| 940  | 773  | 126207 | 95.96 |
| 950  | 535  | 126742 | 96.37 |
| 960  | 437  | 127179 | 96.70 |
| 970  | 732  | 127911 | 97.26 |
| 980  | 703  | 128614 | 97.79 |
| 990  | 786  | 129400 | 98.39 |
| 1000 | 1246 | 130646 | 99.34 |
| 1010 | 136  | 130782 | 99.44 |
| 1020 | 520  | 131302 | 99.84 |
| 1030 | 83   | 131385 | 99.90 |
| 1040 | 17   | 131402 | 99.91 |
| 1050 | 0    | 131402 | 99.91 |
| 1060 | 0    | 131402 | 99.91 |
| 1070 | 0    | 131402 | 99.91 |
| 1080 | 0    | 131402 | 99.91 |
| 1090 | 0    | 131402 | 99.91 |
| 1100 | 33   | 131435 | 99.94 |
| 1110 | 0    | 131435 | 99.94 |
| 1120 | 0    | 131435 | 99.94 |
| 1130 | 0    | 131435 | 99.94 |
| 1140 | 1    | 131436 | 99.94 |
| 1150 | 0    | 131436 | 99.94 |
| 1160 | 0    | 131436 | 99.94 |
| 1170 | 0    | 131436 | 99.94 |
| 1180 | 0    | 131436 | 99.94 |
| 1190 | 3    | 131439 | 99.94 |
| 1200 | 0    | 131439 | 99.94 |
| 1210 | 0    | 131439 | 99.94 |
| 1220 | 0    | 131439 | 99.94 |
| 1230 | 0    | 131439 | 99.94 |
| 1240 | 0    | 131439 | 99.94 |
| 1250 | 0    | 131439 | 99.94 |
| 1260 | 0    | 131439 | 99.94 |
| 1270 | 0    | 131439 | 99.94 |
| 1280 | 45   | 131484 | 99.97 |
| 1290 | 0    | 131484 | 99.97 |
| 1300 | 0    | 131484 | 99.97 |
| 1310 | 0    | 131484 | 99.97 |
| 1320 | 0    | 131484 | 99.97 |
| 1330 | 0    | 131484 | 99.97 |
| 1340 | 0    | 131484 | 99.97 |
| 1350 | 0    | 131484 | 99.97 |
| 1360 | 0    | 131484 | 99.97 |
| 1370 | 0    | 131484 | 99.97 |
| 1380 | 0    | 131484 | 99.97 |
| 1390 | 0    | 131484 | 99.97 |
| 1400 | 1    | 131485 | 99.97 |
| 1410 | 0    | 131485 | 99.97 |
| 1420 | 0    | 131485 | 99.97 |

|       |    |        |        |
|-------|----|--------|--------|
| 1430  | 0  | 131485 | 99.97  |
| 1440  | 0  | 131485 | 99.97  |
| 1450  | 0  | 131485 | 99.97  |
| 1460  | 0  | 131485 | 99.97  |
| 1470  | 0  | 131485 | 99.97  |
| 1480  | 1  | 131486 | 99.97  |
| 1490  | 0  | 131486 | 99.97  |
| 1500  | 0  | 131486 | 99.97  |
| 1510  | 0  | 131486 | 99.97  |
| 1520  | 0  | 131486 | 99.97  |
| 1530  | 0  | 131486 | 99.97  |
| 1540  | 0  | 131486 | 99.97  |
| 1550  | 0  | 131486 | 99.97  |
| 1560  | 33 | 131519 | 100.00 |
| 1570  | 0  | 131519 | 100.00 |
| 1580  | 0  | 131519 | 100.00 |
| 1590  | 0  | 131519 | 100.00 |
| 1600  | 0  | 131519 | 100.00 |
| 1610  | 0  | 131519 | 100.00 |
| 1620  | 0  | 131519 | 100.00 |
| 1630  | 0  | 131519 | 100.00 |
| 1640  | 0  | 131519 | 100.00 |
| 1650  | 0  | 131519 | 100.00 |
| 1660  | 0  | 131519 | 100.00 |
| 1670  | 0  | 131519 | 100.00 |
| 1680  | 0  | 131519 | 100.00 |
| 1690  | 0  | 131519 | 100.00 |
| 1700  | 0  | 131519 | 100.00 |
| 1710  | 0  | 131519 | 100.00 |
| 1720  | 0  | 131519 | 100.00 |
| 1730  | 0  | 131519 | 100.00 |
| 1740  | 0  | 131519 | 100.00 |
| 1750  | 0  | 131519 | 100.00 |
| 1760  | 0  | 131519 | 100.00 |
| 1770  | 0  | 131519 | 100.00 |
| 1780  | 0  | 131519 | 100.00 |
| 1790  | 0  | 131519 | 100.00 |
| 1800  | 0  | 131519 | 100.00 |
| 1810  | 0  | 131519 | 100.00 |
| 1820  | 0  | 131519 | 100.00 |
| 1830  | 0  | 131519 | 100.00 |
| 1840  | 0  | 131519 | 100.00 |
| 1850  | 0  | 131519 | 100.00 |
| 1860  | 0  | 131519 | 100.00 |
| 1870  | 0  | 131519 | 100.00 |
| 1880  | 0  | 131519 | 100.00 |
| 1890  | 0  | 131519 | 100.00 |
| 1900  | 0  | 131519 | 100.00 |
| 1910  | 0  | 131519 | 100.00 |
| 1920  | 0  | 131519 | 100.00 |
| 1930  | 0  | 131519 | 100.00 |
| 1940  | 0  | 131519 | 100.00 |
| 1950  | 0  | 131519 | 100.00 |
| 1960  | 0  | 131519 | 100.00 |
| 1970  | 0  | 131519 | 100.00 |
| 1980  | 0  | 131519 | 100.00 |
| 1990  | 0  | 131519 | 100.00 |
| Above | 0  | 131519 | 100.00 |

PWR Kinf Percentiles

| Kinf  | Assy | CumAssy | Percent |
|-------|------|---------|---------|
| 0.760 | 5    | 5       | 0.00    |
| 0.770 | 0    | 5       | 0.00    |
| 0.780 | 0    | 5       | 0.00    |
| 0.790 | 0    | 5       | 0.00    |
| 0.800 | 0    | 5       | 0.00    |
| 0.810 | 0    | 5       | 0.00    |
| 0.820 | 0    | 5       | 0.00    |
| 0.830 | 36   | 41      | 0.03    |

|       |       |        |        |
|-------|-------|--------|--------|
| 0.840 | 84    | 125    | 0.10   |
| 0.850 | 1     | 126    | 0.10   |
| 0.860 | 2     | 128    | 0.10   |
| 0.870 | 19    | 147    | 0.11   |
| 0.880 | 8     | 155    | 0.12   |
| 0.890 | 24    | 179    | 0.14   |
| 0.900 | 198   | 377    | 0.29   |
| 0.910 | 151   | 528    | 0.40   |
| 0.920 | 271   | 799    | 0.61   |
| 0.930 | 451   | 1250   | 0.95   |
| 0.940 | 998   | 2248   | 1.71   |
| 0.950 | 2205  | 4453   | 3.39   |
| 0.960 | 3444  | 7897   | 6.00   |
| 0.970 | 6026  | 13923  | 10.59  |
| 0.980 | 9099  | 23022  | 17.50  |
| 0.990 | 11398 | 34420  | 26.17  |
| 1.000 | 13133 | 47553  | 36.16  |
| 1.010 | 13828 | 61381  | 46.67  |
| 1.020 | 12865 | 74246  | 56.45  |
| 1.030 | 13636 | 87882  | 66.82  |
| 1.040 | 10222 | 98104  | 74.59  |
| 1.050 | 9102  | 107206 | 81.51  |
| 1.060 | 4240  | 111446 | 84.74  |
| 1.070 | 3832  | 115278 | 87.65  |
| 1.080 | 2319  | 117597 | 89.41  |
| 1.090 | 1949  | 119546 | 90.90  |
| 1.100 | 1879  | 121425 | 92.33  |
| 1.110 | 2173  | 123598 | 93.98  |
| 1.120 | 1226  | 124824 | 94.91  |
| 1.130 | 1213  | 126037 | 95.83  |
| 1.140 | 724   | 126761 | 96.38  |
| 1.150 | 273   | 127034 | 96.59  |
| 1.160 | 610   | 127644 | 97.05  |
| 1.170 | 389   | 128033 | 97.35  |
| 1.180 | 386   | 128419 | 97.64  |
| 1.190 | 480   | 128899 | 98.01  |
| 1.200 | 239   | 129138 | 98.19  |
| 1.210 | 299   | 129437 | 98.42  |
| 1.220 | 161   | 129598 | 98.54  |
| 1.230 | 284   | 129882 | 98.76  |
| 1.240 | 364   | 130246 | 99.03  |
| 1.250 | 338   | 130584 | 99.29  |
| 1.260 | 147   | 130731 | 99.40  |
| 1.270 | 225   | 130956 | 99.57  |
| 1.280 | 76    | 131032 | 99.63  |
| 1.290 | 182   | 131214 | 99.77  |
| 1.300 | 105   | 131319 | 99.85  |
| 1.310 | 71    | 131390 | 99.90  |
| 1.320 | 55    | 131445 | 99.94  |
| 1.330 | 22    | 131467 | 99.96  |
| 1.340 | 6     | 131473 | 99.97  |
| 1.350 | 4     | 131477 | 99.97  |
| 1.360 | 0     | 131477 | 99.97  |
| 1.370 | 5     | 131482 | 99.97  |
| 1.380 | 0     | 131482 | 99.97  |
| 1.390 | 0     | 131482 | 99.97  |
| 1.400 | 0     | 131482 | 99.97  |
| 1.410 | 1     | 131483 | 99.97  |
| 1.420 | 12    | 131495 | 99.98  |
| 1.430 | 0     | 131495 | 99.98  |
| 1.440 | 16    | 131511 | 99.99  |
| 1.450 | 8     | 131519 | 100.00 |
| 1.460 | 0     | 131519 | 100.00 |
| 1.470 | 0     | 131519 | 100.00 |
| 1.480 | 0     | 131519 | 100.00 |
| 1.490 | 0     | 131519 | 100.00 |
| 1.500 | 0     | 131519 | 100.00 |
| 1.510 | 0     | 131519 | 100.00 |
| 1.520 | 0     | 131519 | 100.00 |
| 1.530 | 0     | 131519 | 100.00 |

|       |   |        |        |
|-------|---|--------|--------|
| 1.540 | 0 | 131519 | 100.00 |
| 1.550 | 0 | 131519 | 100.00 |
| 1.560 | 0 | 131519 | 100.00 |
| 1.570 | 0 | 131519 | 100.00 |
| 1.580 | 0 | 131519 | 100.00 |
| 1.590 | 0 | 131519 | 100.00 |
| Above | 0 | 131519 | 100.00 |

| Year | MTU     | B Assy | P Assy |
|------|---------|--------|--------|
| 2010 | 300.20  | 1100   | 357    |
| 2011 | 599.87  | 2068   | 693    |
| 2012 | 1196.03 | 3233   | 1659   |
| 2013 | 1998.83 | 4905   | 2868   |
| 2014 | 3002.05 | 7543   | 3912   |
| 2015 | 2998.22 | 6357   | 4398   |
| 2016 | 3004.75 | 5718   | 4692   |
| 2017 | 2998.18 | 5961   | 4563   |
| 2018 | 3002.89 | 6246   | 4634   |
| 2019 | 2985.24 | 5081   | 4827   |
| 2020 | 3003.92 | 5389   | 4776   |
| 2021 | 2995.24 | 5653   | 4626   |
| 2022 | 3003.95 | 6049   | 4503   |
| 2023 | 2998.29 | 5081   | 4806   |
| 2024 | 3001.16 | 5521   | 4665   |
| 2025 | 2998.91 | 5917   | 4470   |
| 2026 | 3003.93 | 6125   | 4416   |
| 2027 | 2993.25 | 4664   | 4992   |
| 2028 | 3012.96 | 5940   | 4437   |
| 2029 | 2990.88 | 5148   | 4752   |
| 2030 | 2995.00 | 5984   | 4350   |
| 2031 | 3034.28 | 5280   | 4746   |
| 2032 | 2972.65 | 5764   | 4446   |
| 2033 | 3012.23 | 6556   | 4158   |
| 2034 | 2989.12 | 5324   | 4560   |
| 2035 | 2993.52 | 5280   | 4647   |
| 2036 | 3010.81 | 5764   | 4560   |
| 2037 | 2991.91 | 5588   | 4449   |
| 2038 | 3006.58 | 4268   | 5049   |
| 2039 | 3003.87 | 6732   | 4158   |
| 2040 | 3003.35 | 5852   | 4464   |
| 2041 | 1665.31 | 1654   | 3086   |
| 2042 | 0.00    | 0      | 0      |
| 2043 | 0.00    | 0      | 0      |
| 2044 | 0.00    | 0      | 0      |
| 2045 | 0.00    | 0      | 0      |

Average age = 25.447

JUNK FILE LISTING:

|                      |                                  |             |
|----------------------|----------------------------------|-------------|
| Nassy=1 burnup=1.87  | kinf=1.529 Enrch=3.63 Dschg=1968 | WEST VALLEY |
| Nassy=2 burnup=1.45  | kinf=1.536 Enrch=3.63 Dschg=1968 | WEST VALLEY |
| Nassy=2 burnup=1.53  | kinf=1.535 Enrch=3.63 Dschg=1968 | WEST VALLEY |
| Nassy=1 burnup=6.38  | kinf=1.455 Enrch=3.63 Dschg=1969 | WEST VALLEY |
| Nassy=2 burnup=0.32  | kinf=1.314 Enrch=2.13 Dschg=1970 | GE MORRIS ( |
| Nassy=1 burnup=0.32  | kinf=1.315 Enrch=2.13 Dschg=1970 | GE MORRIS ( |
| Nassy=3 burnup=0.35  | kinf=1.314 Enrch=2.13 Dschg=1970 | GE MORRIS ( |
| Nassy=8 burnup=0.34  | kinf=1.314 Enrch=2.13 Dschg=1970 | GE MORRIS ( |
| Nassy=1 burnup=0.35  | kinf=1.314 Enrch=2.13 Dschg=1970 | GE MORRIS ( |
| Nassy=1 burnup=0.18  | kinf=1.317 Enrch=2.13 Dschg=1970 | GE MORRIS ( |
| Nassy=1 burnup=0.36  | kinf=1.314 Enrch=2.13 Dschg=1970 | GE MORRIS ( |
| Nassy=1 burnup=0.23  | kinf=1.317 Enrch=2.13 Dschg=1970 | GE MORRIS ( |
| Nassy=1 burnup=0.32  | kinf=1.314 Enrch=2.13 Dschg=1970 | GE MORRIS ( |
| Nassy=10 burnup=0.34 | kinf=1.315 Enrch=2.13 Dschg=1970 | GE MORRIS ( |
| Nassy=1 burnup=1.48  | kinf=1.297 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=0.86  | kinf=1.307 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.22  | kinf=1.301 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=7 burnup=1.63  | kinf=1.295 Enrch=2.13 Dschg=1971 | GE MORRIS ( |

|                      |                                  |             |
|----------------------|----------------------------------|-------------|
| Nassy=3 burnup=1.77  | kinf=1.260 Enrch=1.93 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.31  | kinf=1.299 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=6 burnup=1.86  | kinf=1.291 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.85  | kinf=1.257 Enrch=1.93 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.85  | kinf=1.257 Enrch=1.93 Dschg=1971 | GE MORRIS ( |
| Nassy=4 burnup=1.79  | kinf=1.292 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=19 burnup=1.74 | kinf=1.293 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.34  | kinf=1.299 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.46  | kinf=1.270 Enrch=1.97 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.57  | kinf=1.267 Enrch=1.96 Dschg=1971 | GE MORRIS ( |
| Nassy=5 burnup=1.50  | kinf=1.297 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.50  | kinf=1.297 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=5 burnup=1.76  | kinf=1.261 Enrch=1.94 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.23  | kinf=1.279 Enrch=2.00 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.31  | kinf=1.299 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=1.46  | kinf=1.298 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=6 burnup=1.48  | kinf=1.297 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=4 burnup=1.00  | kinf=1.305 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=1.09  | kinf=1.303 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=4 burnup=1.27  | kinf=1.300 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=0.86  | kinf=1.307 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.28  | kinf=1.300 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=1.32  | kinf=1.275 Enrch=1.99 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.11  | kinf=1.302 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=5 burnup=1.42  | kinf=1.298 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=6 burnup=1.23  | kinf=1.301 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=4 burnup=1.34  | kinf=1.300 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=7 burnup=1.34  | kinf=1.300 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=1.88  | kinf=1.291 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.88  | kinf=1.291 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=4 burnup=1.15  | kinf=1.302 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=8 burnup=1.44  | kinf=1.298 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=20 burnup=1.85 | kinf=1.291 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=0.86  | kinf=1.291 Enrch=2.04 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.62  | kinf=1.265 Enrch=1.96 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.64  | kinf=1.264 Enrch=1.95 Dschg=1971 | GE MORRIS ( |
| Nassy=4 burnup=1.83  | kinf=1.292 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=19 burnup=1.83 | kinf=1.292 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=1.83  | kinf=1.292 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=1.13  | kinf=1.303 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=21 burnup=1.63 | kinf=1.295 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.63  | kinf=1.295 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=1.78  | kinf=1.260 Enrch=1.94 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=9.28  | kinf=1.410 Enrch=3.63 Dschg=1971 | WEST VALLEY |
| Nassy=1 burnup=4.99  | kinf=1.478 Enrch=3.63 Dschg=1971 | WEST VALLEY |
| Nassy=1 burnup=8.24  | kinf=1.426 Enrch=3.63 Dschg=1971 | WEST VALLEY |
| Nassy=1 burnup=9.23  | kinf=1.411 Enrch=3.63 Dschg=1971 | WEST VALLEY |
| Nassy=1 burnup=1.53  | kinf=1.318 Enrch=2.26 Dschg=1971 | DRESDEN     |
| Nassy=1 burnup=4.49  | kinf=1.250 Enrch=2.11 Dschg=1971 | OYSTER CRK  |
| Nassy=1 burnup=3.27  | kinf=1.212 Enrch=1.78 Dschg=1972 | GE MORRIS ( |
| Nassy=22 burnup=4.52 | kinf=1.253 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=13 burnup=4.52 | kinf=1.253 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=25 burnup=4.52 | kinf=1.253 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=19 burnup=3.43 | kinf=1.269 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=4 burnup=3.43  | kinf=1.269 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=13 burnup=3.43 | kinf=1.269 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=12 burnup=2.81 | kinf=1.227 Enrch=1.83 Dschg=1972 | GE MORRIS ( |
| Nassy=10 burnup=3.13 | kinf=1.217 Enrch=1.80 Dschg=1972 | GE MORRIS ( |
| Nassy=5 burnup=3.87  | kinf=1.195 Enrch=1.73 Dschg=1972 | GE MORRIS ( |
| Nassy=21 burnup=3.87 | kinf=1.195 Enrch=1.73 Dschg=1972 | GE MORRIS ( |
| Nassy=4 burnup=3.87  | kinf=1.195 Enrch=1.73 Dschg=1972 | GE MORRIS ( |
| Nassy=19 burnup=4.14 | kinf=1.258 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=38 burnup=4.14 | kinf=1.258 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=6 burnup=4.14  | kinf=1.258 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=4 burnup=4.14  | kinf=1.258 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=14 burnup=4.62 | kinf=1.173 Enrch=1.67 Dschg=1972 | GE MORRIS ( |
| Nassy=13 burnup=3.39 | kinf=1.209 Enrch=1.77 Dschg=1972 | GE MORRIS ( |
| Nassy=5 burnup=3.34  | kinf=1.269 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=5 burnup=4.77  | kinf=1.249 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=3 burnup=3.84  | kinf=1.195 Enrch=1.73 Dschg=1972 | GE MORRIS ( |

|                      |                                  |             |
|----------------------|----------------------------------|-------------|
| Nassy=2 burnup=3.84  | kinf=1.195 Enrch=1.73 Dschg=1972 | GE MORRIS ( |
| Nassy=1 burnup=3.28  | kinf=1.271 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=1 burnup=2.73  | kinf=1.279 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=7 burnup=4.69  | kinf=1.250 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=16 burnup=4.69 | kinf=1.250 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=17 burnup=4.31 | kinf=1.182 Enrch=1.69 Dschg=1972 | GE MORRIS ( |
| Nassy=6 burnup=4.31  | kinf=1.182 Enrch=1.69 Dschg=1972 | GE MORRIS ( |
| Nassy=10 burnup=3.12 | kinf=1.273 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=12 burnup=3.60 | kinf=1.203 Enrch=1.76 Dschg=1972 | GE MORRIS ( |
| Nassy=1 burnup=3.60  | kinf=1.203 Enrch=1.76 Dschg=1972 | GE MORRIS ( |
| Nassy=4 burnup=2.84  | kinf=1.277 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=11 burnup=4.38 | kinf=1.254 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=44 burnup=4.38 | kinf=1.254 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=1 burnup=3.91  | kinf=1.261 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=2 burnup=3.91  | kinf=1.261 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=21 burnup=3.79 | kinf=1.263 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=20 burnup=3.77 | kinf=1.264 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=18 burnup=3.77 | kinf=1.264 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=21 burnup=3.77 | kinf=1.264 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=5 burnup=4.39  | kinf=1.179 Enrch=1.68 Dschg=1972 | GE MORRIS ( |
| Nassy=19 burnup=4.39 | kinf=1.179 Enrch=1.68 Dschg=1972 | GE MORRIS ( |
| Nassy=14 burnup=4.64 | kinf=1.172 Enrch=1.66 Dschg=1972 | GE MORRIS ( |
| Nassy=1 burnup=8.59  | kinf=1.421 Enrch=3.63 Dschg=1972 | WEST VALLEY |
| Nassy=1 burnup=9.12  | kinf=1.413 Enrch=3.63 Dschg=1972 | WEST VALLEY |
| Nassy=1 burnup=8.73  | kinf=1.419 Enrch=3.63 Dschg=1972 | WEST VALLEY |
| Nassy=2 burnup=4.86  | kinf=1.239 Enrch=2.08 Dschg=1972 | HILLSTONE   |
| Nassy=4 burnup=6.45  | kinf=1.454 Enrch=3.63 Dschg=1973 | WEST VALLEY |
| Nassy=1 burnup=8.75  | kinf=1.418 Enrch=3.63 Dschg=1973 | WEST VALLEY |
| Nassy=1 burnup=7.35  | kinf=1.440 Enrch=3.63 Dschg=1973 | WEST VALLEY |
| Nassy=1 burnup=3.88  | kinf=1.262 Enrch=2.13 Dschg=1973 | DRESDEN     |
| Nassy=1 burnup=4.96  | kinf=1.246 Enrch=2.13 Dschg=1973 | DRESDEN     |
| Nassy=1 burnup=4.96  | kinf=1.246 Enrch=2.13 Dschg=1973 | DRESDEN     |
| Nassy=1 burnup=1.05  | kinf=1.365 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=3 burnup=0.97  | kinf=1.366 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=5 burnup=4.32  | kinf=1.315 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=1 burnup=0.99  | kinf=1.366 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=11 burnup=4.39 | kinf=1.315 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=10 burnup=4.39 | kinf=1.315 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=2 burnup=4.00  | kinf=1.320 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=5 burnup=4.05  | kinf=1.320 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=4 burnup=1.16  | kinf=1.364 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=3 burnup=4.66  | kinf=1.311 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=3 burnup=4.66  | kinf=1.311 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=1 burnup=0.99  | kinf=1.366 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=1 burnup=4.69  | kinf=1.310 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=4 burnup=9.23  | kinf=1.411 Enrch=3.63 Dschg=1973 | LACROSSE    |
| Nassy=1 burnup=8.77  | kinf=1.418 Enrch=3.63 Dschg=1973 | LACROSSE    |
| Nassy=3 burnup=9.10  | kinf=1.413 Enrch=3.63 Dschg=1973 | LACROSSE    |
| Nassy=1 burnup=9.10  | kinf=1.413 Enrch=3.63 Dschg=1973 | LACROSSE    |
| Nassy=1 burnup=3.97  | kinf=1.271 Enrch=2.19 Dschg=1973 | PILGRIM     |
| Nassy=1 burnup=2.63  | kinf=1.290 Enrch=2.19 Dschg=1973 | PILGRIM     |
| Nassy=1 burnup=8.95  | kinf=1.415 Enrch=3.63 Dschg=1974 | WEST VALLEY |
| Nassy=1 burnup=8.15  | kinf=1.428 Enrch=3.63 Dschg=1974 | WEST VALLEY |
| Nassy=2 burnup=4.95  | kinf=1.306 Enrch=2.50 Dschg=1974 | VT YANKEE   |
| Nassy=6 burnup=4.95  | kinf=1.306 Enrch=2.50 Dschg=1974 | VT YANKEE   |
| Nassy=1 burnup=7.57  | kinf=1.476 Enrch=3.92 Dschg=1975 | LACROSSE    |
| Nassy=1 burnup=3.71  | kinf=1.263 Enrch=2.12 Dschg=1975 | DUANE ARNOL |
| Nassy=1 burnup=3.78  | kinf=1.280 Enrch=2.23 Dschg=1975 | DRESDEN     |
| Nassy=1 burnup=4.80  | kinf=1.467 Enrch=3.54 Dschg=1976 | BIG ROCK    |
| Nassy=1 burnup=2.90  | kinf=1.273 Enrch=2.11 Dschg=1976 | BRUNSWICK   |
| Nassy=1 burnup=3.30  | kinf=1.267 Enrch=2.11 Dschg=1976 | BRUNSWICK   |
| Nassy=2 burnup=2.43  | kinf=1.105 Enrch=1.11 Dschg=1976 | BRUNSWICK   |
| Nassy=2 burnup=3.05  | kinf=1.320 Enrch=2.41 Dschg=1976 | HUMBOLDT BA |
| Nassy=2 burnup=3.30  | kinf=1.315 Enrch=2.40 Dschg=1976 | HUMBOLDT BA |
| Nassy=4 burnup=2.43  | kinf=1.329 Enrch=2.41 Dschg=1976 | HUMBOLDT BA |
| Nassy=2 burnup=2.69  | kinf=1.325 Enrch=2.41 Dschg=1976 | HUMBOLDT BA |
| Nassy=2 burnup=3.89  | kinf=1.308 Enrch=2.41 Dschg=1976 | HUMBOLDT BA |
| Nassy=2 burnup=4.34  | kinf=1.301 Enrch=2.41 Dschg=1976 | HUMBOLDT BA |
| Nassy=1 burnup=1.31  | kinf=1.346 Enrch=2.41 Dschg=1976 | HUMBOLDT BA |
| Nassy=1 burnup=12.04 | kinf=1.407 Enrch=3.92 Dschg=1977 | LACROSSE    |

|                      |                                  |             |
|----------------------|----------------------------------|-------------|
| Nassy=1 burnup=12.30 | kinf=1.403 Enrch=3.93 Dschg=1977 | LACROSSE    |
| Nassy=1 burnup=7.61  | kinf=1.476 Enrch=3.92 Dschg=1977 | LACROSSE    |
| Nassy=1 burnup=12.42 | kinf=1.401 Enrch=3.92 Dschg=1977 | LACROSSE    |
| Nassy=5 burnup=3.65  | kinf=1.282 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=5 burnup=3.35  | kinf=1.287 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=1 burnup=3.35  | kinf=1.287 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=2 burnup=3.08  | kinf=1.291 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=4 burnup=4.00  | kinf=1.277 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=8 burnup=4.97  | kinf=1.263 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=16 burnup=4.97 | kinf=1.263 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=2 burnup=4.97  | kinf=1.263 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=4 burnup=4.53  | kinf=1.269 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=4 burnup=4.53  | kinf=1.269 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=15 burnup=4.53 | kinf=1.269 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=4 burnup=3.58  | kinf=1.019 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=16 burnup=1.89 | kinf=1.041 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=15 burnup=2.53 | kinf=1.032 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=9 burnup=2.53  | kinf=1.032 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=1 burnup=2.53  | kinf=1.032 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=3 burnup=2.53  | kinf=1.032 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=16 burnup=2.83 | kinf=1.028 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=8 burnup=4.31  | kinf=1.009 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=4 burnup=3.00  | kinf=1.026 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=7 burnup=3.15  | kinf=1.024 Enrch=0.72 Dschg=1985 | SUSQUEHANNA |
| Nassy=1 burnup=3.15  | kinf=1.024 Enrch=0.72 Dschg=1985 | SUSQUEHANNA |
| Nassy=8 burnup=4.11  | kinf=1.012 Enrch=0.72 Dschg=1985 | SUSQUEHANNA |
| Nassy=35 burnup=4.71 | kinf=1.004 Enrch=0.72 Dschg=1985 | SUSQUEHANNA |
| Nassy=1 burnup=4.71  | kinf=1.004 Enrch=0.72 Dschg=1985 | SUSQUEHANNA |
| Nassy=12 burnup=4.71 | kinf=1.004 Enrch=0.72 Dschg=1985 | SUSQUEHANNA |
| Nassy=8 burnup=2.96  | kinf=1.027 Enrch=0.72 Dschg=1985 | SUSQUEHANNA |
| Nassy=4 burnup=3.14  | kinf=1.024 Enrch=0.72 Dschg=1985 | LASALLE     |
| Nassy=8 burnup=4.86  | kinf=1.003 Enrch=0.72 Dschg=1985 | LASALLE     |
| Nassy=8 burnup=2.92  | kinf=1.027 Enrch=0.72 Dschg=1985 | LASALLE     |
| Nassy=8 burnup=3.41  | kinf=1.021 Enrch=0.72 Dschg=1985 | LASALLE     |
| Nassy=13 burnup=4.08 | kinf=1.012 Enrch=0.72 Dschg=1985 | LASALLE     |
| Nassy=5 burnup=4.08  | kinf=1.012 Enrch=0.72 Dschg=1985 | LASALLE     |
| Nassy=23 burnup=3.91 | kinf=1.015 Enrch=0.72 Dschg=1985 | LASALLE     |
| Nassy=7 burnup=3.91  | kinf=1.015 Enrch=0.72 Dschg=1985 | LASALLE     |
| Nassy=8 burnup=2.64  | kinf=1.031 Enrch=0.72 Dschg=1985 | LASALLE     |
| Nassy=8 burnup=2.22  | kinf=1.038 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=14 burnup=2.86 | kinf=1.030 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=8 burnup=3.07  | kinf=1.027 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=4 burnup=2.65  | kinf=1.033 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=18 burnup=2.65 | kinf=1.033 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=2 burnup=2.65  | kinf=1.033 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=1 burnup=2.65  | kinf=1.033 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=5 burnup=2.65  | kinf=1.033 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=6 burnup=2.65  | kinf=1.033 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=6 burnup=2.65  | kinf=1.033 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=16 burnup=1.77 | kinf=1.044 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=4 burnup=3.28  | kinf=1.024 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=2 burnup=4.17  | kinf=1.013 Enrch=0.73 Dschg=1986 | SUSQUEHANNA |
| Nassy=24 burnup=4.17 | kinf=1.013 Enrch=0.73 Dschg=1986 | SUSQUEHANNA |
| Nassy=6 burnup=3.09  | kinf=1.026 Enrch=0.73 Dschg=1986 | SUSQUEHANNA |
| Nassy=2 burnup=3.09  | kinf=1.026 Enrch=0.73 Dschg=1986 | SUSQUEHANNA |
| Nassy=4 burnup=2.76  | kinf=1.030 Enrch=0.72 Dschg=1986 | SUSQUEHANNA |
| Nassy=4 burnup=2.76  | kinf=1.030 Enrch=0.72 Dschg=1986 | SUSQUEHANNA |
| Nassy=1 burnup=3.50  | kinf=1.020 Enrch=0.72 Dschg=1986 | SUSQUEHANNA |
| Nassy=11 burnup=3.50 | kinf=1.020 Enrch=0.72 Dschg=1986 | SUSQUEHANNA |
| Nassy=22 burnup=3.98 | kinf=1.015 Enrch=0.73 Dschg=1986 | SUSQUEHANNA |
| Nassy=8 burnup=4.72  | kinf=1.006 Enrch=0.73 Dschg=1986 | SUSQUEHANNA |
| Nassy=16 burnup=3.35 | kinf=1.022 Enrch=0.72 Dschg=1986 | GRAND GULF  |
| Nassy=44 burnup=3.35 | kinf=1.022 Enrch=0.72 Dschg=1986 | GRAND GULF  |
| Nassy=2 burnup=3.35  | kinf=1.022 Enrch=0.72 Dschg=1986 | GRAND GULF  |
| Nassy=26 burnup=3.35 | kinf=1.022 Enrch=0.72 Dschg=1986 | GRAND GULF  |
| Nassy=4 burnup=3.35  | kinf=1.022 Enrch=0.72 Dschg=1986 | GRAND GULF  |
| Nassy=1 burnup=4.00  | kinf=1.013 Enrch=0.72 Dschg=1987 | LASALLE     |
| Nassy=44 burnup=4.00 | kinf=1.013 Enrch=0.72 Dschg=1987 | LASALLE     |
| Nassy=36 burnup=4.00 | kinf=1.013 Enrch=0.72 Dschg=1987 | LASALLE     |
| Nassy=8 burnup=4.00  | kinf=1.013 Enrch=0.72 Dschg=1987 | LASALLE     |

|                       |                                  |             |
|-----------------------|----------------------------------|-------------|
| Nassy=2 burnup=4.00   | kinf=1.013 Enrch=0.72 Dschg=1987 | LASALLE     |
| Nassy=1 burnup=4.00   | kinf=1.013 Enrch=0.72 Dschg=1987 | LASALLE     |
| Nassy=18 burnup=5.00  | kinf=1.487 Enrch=3.70 Dschg=1987 | LACROSSE    |
| Nassy=5 burnup=5.00   | kinf=1.487 Enrch=3.70 Dschg=1987 | LACROSSE    |
| Nassy=1 burnup=5.00   | kinf=1.488 Enrch=3.71 Dschg=1987 | LACROSSE    |
| Nassy=14 burnup=3.00  | kinf=1.026 Enrch=0.72 Dschg=1987 | RVR BEND    |
| Nassy=27 burnup=3.00  | kinf=1.026 Enrch=0.72 Dschg=1987 | RVR BEND    |
| Nassy=17 burnup=3.00  | kinf=1.026 Enrch=0.72 Dschg=1987 | RVR BEND    |
| Nassy=10 burnup=3.00  | kinf=1.026 Enrch=0.72 Dschg=1987 | RVR BEND    |
| Nassy=8 burnup=3.00   | kinf=1.026 Enrch=0.72 Dschg=1987 | RVR BEND    |
| Nassy=7 burnup=3.00   | kinf=1.028 Enrch=0.73 Dschg=1988 | HOPE CREEK  |
| Nassy=20 burnup=3.00  | kinf=1.028 Enrch=0.73 Dschg=1988 | HOPE CREEK  |
| Nassy=15 burnup=3.00  | kinf=1.028 Enrch=0.73 Dschg=1988 | HOPE CREEK  |
| Nassy=26 burnup=3.00  | kinf=1.028 Enrch=0.73 Dschg=1988 | HOPE CREEK  |
| Nassy=24 burnup=3.00  | kinf=1.028 Enrch=0.73 Dschg=1988 | HOPE CREEK  |
| Nassy=37 burnup=3.00  | kinf=1.026 Enrch=0.72 Dschg=1989 | CLINTON     |
| Nassy=11 burnup=3.00  | kinf=1.026 Enrch=0.72 Dschg=1989 | CLINTON     |
| Nassy=4 burnup=3.00   | kinf=1.026 Enrch=0.72 Dschg=1989 | CLINTON     |
| Nassy=8 burnup=3.00   | kinf=1.026 Enrch=0.72 Dschg=1989 | CLINTON     |
| Nassy=16 burnup=3.00  | kinf=1.026 Enrch=0.72 Dschg=1989 | CLINTON     |
| Nassy=33 burnup=3.00  | kinf=1.026 Enrch=0.72 Dschg=1989 | ENRICO FERM |
| Nassy=27 burnup=3.00  | kinf=1.026 Enrch=0.72 Dschg=1989 | ENRICO FERM |
| Nassy=4 burnup=3.00   | kinf=1.026 Enrch=0.72 Dschg=1989 | ENRICO FERM |
| Nassy=4 burnup=3.00   | kinf=1.026 Enrch=0.72 Dschg=1989 | ENRICO FERM |
| Nassy=5 burnup=3.00   | kinf=1.026 Enrch=0.72 Dschg=1989 | ENRICO FERM |
| Nassy=19 burnup=3.00  | kinf=1.026 Enrch=0.72 Dschg=1989 | ENRICO FERM |
| Nassy=20 burnup=4.00  | kinf=1.013 Enrch=0.72 Dschg=1990 | NINE MILE P |
| Nassy=13 burnup=4.00  | kinf=1.013 Enrch=0.72 Dschg=1990 | NINE MILE P |
| Nassy=19 burnup=4.00  | kinf=1.013 Enrch=0.72 Dschg=1990 | NINE MILE P |
| Nassy=12 burnup=4.00  | kinf=1.013 Enrch=0.72 Dschg=1990 | NINE MILE P |
| Nassy=17 burnup=4.00  | kinf=1.013 Enrch=0.72 Dschg=1990 | NINE MILE P |
| Nassy=11 burnup=4.00  | kinf=1.013 Enrch=0.72 Dschg=1990 | NINE MILE P |
| Nassy=4 burnup=3.00   | kinf=1.026 Enrch=0.72 Dschg=1991 | SUSQUEHANNA |
| Nassy=33 burnup=3.00  | kinf=1.026 Enrch=0.72 Dschg=1991 | LIMERICK    |
| Nassy=44 burnup=3.00  | kinf=1.026 Enrch=0.72 Dschg=1991 | LIMERICK    |
| Nassy=4 burnup=3.00   | kinf=1.026 Enrch=0.72 Dschg=1991 | LIMERICK    |
| Nassy=11 burnup=3.00  | kinf=1.026 Enrch=0.72 Dschg=1991 | LIMERICK    |
| Nassy=1 burnup=1.97   | kinf=1.483 Enrch=3.34 Dschg=1994 | RVR BEND    |
| Nassy=15 burnup=7.19  | kinf=1.402 Enrch=3.35 Dschg=2009 | NINE MILE P |
| Nassy=132 burnup=7.19 | kinf=1.402 Enrch=3.35 Dschg=2009 | NINE MILE P |
| Nassy=21 burnup=7.19  | kinf=1.402 Enrch=3.35 Dschg=2009 | NINE MILE P |
| Nassy=8 burnup=7.19   | kinf=1.402 Enrch=3.35 Dschg=2009 | NINE MILE P |
| Nassy=24 burnup=7.59  | kinf=1.400 Enrch=3.38 Dschg=2009 | OYSTER CRK  |
| Nassy=44 burnup=7.59  | kinf=1.400 Enrch=3.38 Dschg=2009 | OYSTER CRK  |
| Nassy=12 burnup=7.59  | kinf=1.400 Enrch=3.38 Dschg=2009 | OYSTER CRK  |
| Nassy=17 burnup=8.57  | kinf=1.410 Enrch=3.56 Dschg=2012 | PILGRIM     |
| Nassy=132 burnup=8.57 | kinf=1.410 Enrch=3.56 Dschg=2012 | PILGRIM     |
| Nassy=40 burnup=8.57  | kinf=1.410 Enrch=3.56 Dschg=2012 | PILGRIM     |
| Nassy=3 burnup=8.57   | kinf=1.410 Enrch=3.56 Dschg=2012 | PILGRIM     |
| Nassy=32 burnup=6.41  | kinf=1.443 Enrch=3.55 Dschg=2012 | QUAD CITIES |
| Nassy=88 burnup=6.41  | kinf=1.443 Enrch=3.55 Dschg=2012 | QUAD CITIES |
| Nassy=13 burnup=6.41  | kinf=1.443 Enrch=3.55 Dschg=2012 | QUAD CITIES |
| Nassy=20 burnup=6.41  | kinf=1.443 Enrch=3.55 Dschg=2012 | QUAD CITIES |
| Nassy=13 burnup=6.61  | kinf=1.438 Enrch=3.54 Dschg=2014 | BRUNSWICK   |
| Nassy=44 burnup=6.61  | kinf=1.438 Enrch=3.54 Dschg=2014 | BRUNSWICK   |
| Nassy=28 burnup=6.61  | kinf=1.438 Enrch=3.54 Dschg=2014 | BRUNSWICK   |
| Nassy=7 burnup=6.61   | kinf=1.438 Enrch=3.54 Dschg=2014 | BRUNSWICK   |
| Nassy=30 burnup=3.22  | kinf=1.457 Enrch=3.30 Dschg=2022 | LASALLE     |
| Nassy=88 burnup=3.22  | kinf=1.457 Enrch=3.30 Dschg=2022 | LASALLE     |
| Nassy=4 burnup=3.22   | kinf=1.457 Enrch=3.30 Dschg=2022 | LASALLE     |
| Nassy=3 burnup=3.22   | kinf=1.457 Enrch=3.30 Dschg=2022 | LASALLE     |
| Nassy=26 burnup=3.22  | kinf=1.457 Enrch=3.30 Dschg=2022 | LASALLE     |
| Nassy=13 burnup=3.22  | kinf=1.457 Enrch=3.30 Dschg=2022 | LASALLE     |
| Nassy=16 burnup=10.67 | kinf=1.402 Enrch=3.73 Dschg=2024 | SUSQUEHANNA |
| Nassy=14 burnup=10.67 | kinf=1.402 Enrch=3.73 Dschg=2024 | SUSQUEHANNA |
| Nassy=22 burnup=10.67 | kinf=1.402 Enrch=3.73 Dschg=2024 | SUSQUEHANNA |
| Nassy=4 burnup=7.19   | kinf=1.504 Enrch=4.07 Dschg=2026 | NINE MILE P |
| Nassy=176 burnup=7.19 | kinf=1.504 Enrch=4.07 Dschg=2026 | NINE MILE P |
| Nassy=12 burnup=7.19  | kinf=1.504 Enrch=4.07 Dschg=2026 | NINE MILE P |
| Nassy=4 burnup=7.19   | kinf=1.504 Enrch=4.07 Dschg=2026 | NINE MILE P |

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INPUT FILE LISTING:  
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| #bins | Input_file | Output_file | Case_title          | Last_delivery |
|-------|------------|-------------|---------------------|---------------|
| 0     | case11.wsm | case11.out  | W11:off_7dpc_isf_87 | 2045          |
| Type  | Cap        | Hmin        | Hmax                | Kmin          |
|       |            |             |                     | Kmax          |

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OUTPUT FILE LISTING:  
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W11:off\_7dpc\_isf\_87  
Standard Table

BWR Heat Percentiles

| Watts/Assy | Assy  | Cum Assy | Percent |
|------------|-------|----------|---------|
| 10         | 778   | 778      | 0.46    |
| 20         | 1842  | 2620     | 1.56    |
| 30         | 2245  | 4865     | 2.90    |
| 40         | 3024  | 7889     | 4.70    |
| 50         | 3280  | 11169    | 6.66    |
| 60         | 5143  | 16312    | 9.72    |
| 70         | 8969  | 25281    | 15.07   |
| 80         | 10371 | 35652    | 21.25   |
| 90         | 11947 | 47599    | 28.37   |
| 100        | 6827  | 54426    | 32.44   |
| 110        | 3944  | 58370    | 34.80   |
| 120        | 3762  | 62132    | 37.04   |
| 130        | 4420  | 66552    | 39.67   |
| 140        | 4564  | 71116    | 42.39   |
| 150        | 3476  | 74592    | 44.47   |
| 160        | 2471  | 77063    | 45.94   |
| 170        | 2812  | 79875    | 47.61   |
| 180        | 3064  | 82939    | 49.44   |
| 190        | 3033  | 85972    | 51.25   |
| 200        | 4091  | 90063    | 53.69   |
| 210        | 3164  | 93227    | 55.57   |
| 220        | 4818  | 98045    | 58.45   |
| 230        | 5330  | 103375   | 61.62   |
| 240        | 5417  | 108792   | 64.85   |
| 250        | 5000  | 113792   | 67.83   |
| 260        | 5782  | 119574   | 71.28   |
| 270        | 6561  | 126135   | 75.19   |
| 280        | 6523  | 132658   | 79.08   |
| 290        | 7111  | 139769   | 83.32   |
| 300        | 5597  | 145366   | 86.66   |
| 310        | 4930  | 150296   | 89.59   |
| 320        | 2308  | 152604   | 90.97   |
| 330        | 3790  | 156394   | 93.23   |
| 340        | 2521  | 158915   | 94.73   |
| 350        | 2558  | 161473   | 96.26   |
| 360        | 889   | 162362   | 96.79   |
| 370        | 520   | 162882   | 97.10   |
| 380        | 771   | 163653   | 97.56   |
| 390        | 1063  | 164716   | 98.19   |
| 400        | 591   | 165307   | 98.54   |
| 410        | 456   | 165763   | 98.81   |
| 420        | 285   | 166048   | 98.98   |
| 430        | 84    | 166132   | 99.03   |
| 440        | 398   | 166530   | 99.27   |
| 450        | 106   | 166636   | 99.33   |
| 460        | 0     | 166636   | 99.33   |
| 470        | 42    | 166678   | 99.36   |
| 480        | 196   | 166874   | 99.48   |
| 490        | 381   | 167255   | 99.70   |
| 500        | 0     | 167255   | 99.70   |
| 510        | 49    | 167304   | 99.73   |
| 520        | 448   | 167752   | 100.00  |
| 530        | 0     | 167752   | 100.00  |
| 540        | 0     | 167752   | 100.00  |
| 550        | 0     | 167752   | 100.00  |

|       |   |        |        |
|-------|---|--------|--------|
| 560   | 0 | 167752 | 100.00 |
| 570   | 0 | 167752 | 100.00 |
| 580   | 0 | 167752 | 100.00 |
| 590   | 0 | 167752 | 100.00 |
| 600   | 0 | 167752 | 100.00 |
| 610   | 0 | 167752 | 100.00 |
| 620   | 0 | 167752 | 100.00 |
| 630   | 0 | 167752 | 100.00 |
| 640   | 0 | 167752 | 100.00 |
| 650   | 0 | 167752 | 100.00 |
| 660   | 0 | 167752 | 100.00 |
| 670   | 0 | 167752 | 100.00 |
| 680   | 0 | 167752 | 100.00 |
| 690   | 0 | 167752 | 100.00 |
| 700   | 0 | 167752 | 100.00 |
| 710   | 0 | 167752 | 100.00 |
| 720   | 0 | 167752 | 100.00 |
| 730   | 0 | 167752 | 100.00 |
| 740   | 0 | 167752 | 100.00 |
| 750   | 0 | 167752 | 100.00 |
| 760   | 0 | 167752 | 100.00 |
| 770   | 0 | 167752 | 100.00 |
| 780   | 0 | 167752 | 100.00 |
| 790   | 0 | 167752 | 100.00 |
| 800   | 0 | 167752 | 100.00 |
| 810   | 0 | 167752 | 100.00 |
| 820   | 0 | 167752 | 100.00 |
| 830   | 0 | 167752 | 100.00 |
| 840   | 0 | 167752 | 100.00 |
| 850   | 0 | 167752 | 100.00 |
| 860   | 0 | 167752 | 100.00 |
| 870   | 0 | 167752 | 100.00 |
| 880   | 0 | 167752 | 100.00 |
| 890   | 0 | 167752 | 100.00 |
| 900   | 0 | 167752 | 100.00 |
| 910   | 0 | 167752 | 100.00 |
| 920   | 0 | 167752 | 100.00 |
| 930   | 0 | 167752 | 100.00 |
| 940   | 0 | 167752 | 100.00 |
| 950   | 0 | 167752 | 100.00 |
| 960   | 0 | 167752 | 100.00 |
| 970   | 0 | 167752 | 100.00 |
| 980   | 0 | 167752 | 100.00 |
| 990   | 0 | 167752 | 100.00 |
| Above | 0 | 167752 | 100.00 |

BWR Kinf Percentiles

| Kinf  | Assy | CumAssy | Percent |
|-------|------|---------|---------|
| 0.760 | 0    | 0       | 0.00    |
| 0.770 | 0    | 0       | 0.00    |
| 0.780 | 0    | 0       | 0.00    |
| 0.790 | 0    | 0       | 0.00    |
| 0.800 | 0    | 0       | 0.00    |
| 0.810 | 12   | 12      | 0.01    |
| 0.820 | 0    | 12      | 0.01    |
| 0.830 | 27   | 39      | 0.02    |
| 0.840 | 8    | 47      | 0.03    |
| 0.850 | 32   | 79      | 0.05    |
| 0.860 | 114  | 193     | 0.12    |
| 0.870 | 53   | 246     | 0.15    |
| 0.880 | 487  | 733     | 0.44    |
| 0.890 | 239  | 972     | 0.58    |
| 0.900 | 608  | 1580    | 0.94    |
| 0.910 | 416  | 1996    | 1.19    |
| 0.920 | 1211 | 3207    | 1.91    |
| 0.930 | 1475 | 4682    | 2.79    |
| 0.940 | 2199 | 6881    | 4.10    |
| 0.950 | 1806 | 8687    | 5.18    |
| 0.960 | 2822 | 11509   | 6.86    |

|       |       |        |        |
|-------|-------|--------|--------|
| 0.970 | 5375  | 16884  | 10.06  |
| 0.980 | 14383 | 31267  | 18.64  |
| 0.990 | 6991  | 38258  | 22.81  |
| 1.000 | 8010  | 46268  | 27.58  |
| 1.010 | 11643 | 57911  | 34.52  |
| 1.020 | 15694 | 73605  | 43.88  |
| 1.030 | 13440 | 87045  | 51.89  |
| 1.040 | 18974 | 106019 | 63.20  |
| 1.050 | 9909  | 115928 | 69.11  |
| 1.060 | 9784  | 125712 | 74.94  |
| 1.070 | 6461  | 132173 | 78.79  |
| 1.080 | 4283  | 136456 | 81.34  |
| 1.090 | 4621  | 141077 | 84.10  |
| 1.100 | 2791  | 143868 | 85.76  |
| 1.110 | 1627  | 145495 | 86.73  |
| 1.120 | 2713  | 148208 | 88.35  |
| 1.130 | 745   | 148953 | 88.79  |
| 1.140 | 1538  | 150491 | 89.71  |
| 1.150 | 1218  | 151709 | 90.44  |
| 1.160 | 789   | 152498 | 90.91  |
| 1.170 | 1541  | 154039 | 91.83  |
| 1.180 | 637   | 154676 | 92.21  |
| 1.190 | 579   | 155255 | 92.55  |
| 1.200 | 632   | 155887 | 92.93  |
| 1.210 | 688   | 156575 | 93.34  |
| 1.220 | 245   | 156820 | 93.48  |
| 1.230 | 355   | 157175 | 93.69  |
| 1.240 | 371   | 157546 | 93.92  |
| 1.250 | 1403  | 158949 | 94.75  |
| 1.260 | 895   | 159844 | 95.29  |
| 1.270 | 873   | 160717 | 95.81  |
| 1.280 | 403   | 161120 | 96.05  |
| 1.290 | 891   | 162011 | 96.58  |
| 1.300 | 471   | 162482 | 96.86  |
| 1.310 | 596   | 163078 | 97.21  |
| 1.320 | 138   | 163216 | 97.30  |
| 1.330 | 803   | 164019 | 97.77  |
| 1.340 | 370   | 164389 | 98.00  |
| 1.350 | 662   | 165051 | 98.39  |
| 1.360 | 127   | 165178 | 98.47  |
| 1.370 | 242   | 165420 | 98.61  |
| 1.380 | 840   | 166260 | 99.11  |
| 1.390 | 133   | 166393 | 99.19  |
| 1.400 | 193   | 166586 | 99.30  |
| 1.410 | 503   | 167089 | 99.60  |
| 1.420 | 16    | 167105 | 99.61  |
| 1.430 | 3     | 167108 | 99.62  |
| 1.440 | 92    | 167200 | 99.67  |
| 1.450 | 154   | 167354 | 99.76  |
| 1.460 | 169   | 167523 | 99.86  |
| 1.470 | 0     | 167523 | 99.86  |
| 1.480 | 3     | 167526 | 99.87  |
| 1.490 | 25    | 167551 | 99.88  |
| 1.500 | 0     | 167551 | 99.88  |
| 1.510 | 196   | 167747 | 100.00 |
| 1.520 | 0     | 167747 | 100.00 |
| 1.530 | 1     | 167748 | 100.00 |
| 1.540 | 4     | 167752 | 100.00 |
| 1.550 | 0     | 167752 | 100.00 |
| 1.560 | 0     | 167752 | 100.00 |
| 1.570 | 0     | 167752 | 100.00 |
| 1.580 | 0     | 167752 | 100.00 |
| 1.590 | 0     | 167752 | 100.00 |
| Above | 0     | 167752 | 100.00 |

PWR Heat Percentiles

| Watts/Assy | Assy | Cum Assy | Percent |
|------------|------|----------|---------|
| 10         | 28   | 28       | 0.02    |
| 20         | 15   | 43       | 0.03    |

|     |      |        |       |
|-----|------|--------|-------|
| 30  | 84   | 127    | 0.10  |
| 40  | 24   | 151    | 0.11  |
| 50  | 77   | 228    | 0.17  |
| 60  | 106  | 334    | 0.25  |
| 70  | 176  | 510    | 0.39  |
| 80  | 154  | 664    | 0.50  |
| 90  | 431  | 1095   | 0.83  |
| 100 | 514  | 1609   | 1.22  |
| 110 | 511  | 2120   | 1.61  |
| 120 | 830  | 2950   | 2.24  |
| 130 | 1022 | 3972   | 3.02  |
| 140 | 1357 | 5329   | 4.05  |
| 150 | 973  | 6302   | 4.79  |
| 160 | 1251 | 7553   | 5.74  |
| 170 | 985  | 8538   | 6.49  |
| 180 | 1264 | 9802   | 7.45  |
| 190 | 1470 | 11272  | 8.57  |
| 200 | 1971 | 13243  | 10.07 |
| 210 | 2534 | 15777  | 12.00 |
| 220 | 2579 | 18356  | 13.96 |
| 230 | 2426 | 20782  | 15.80 |
| 240 | 2292 | 23074  | 17.54 |
| 250 | 2219 | 25293  | 19.23 |
| 260 | 2295 | 27588  | 20.98 |
| 270 | 1928 | 29516  | 22.44 |
| 280 | 2311 | 31827  | 24.20 |
| 290 | 1975 | 33802  | 25.70 |
| 300 | 1763 | 35565  | 27.04 |
| 310 | 1593 | 37158  | 28.25 |
| 320 | 1666 | 38824  | 29.52 |
| 330 | 1361 | 40185  | 30.55 |
| 340 | 1183 | 41368  | 31.45 |
| 350 | 1243 | 42611  | 32.40 |
| 360 | 1240 | 43851  | 33.34 |
| 370 | 1122 | 44973  | 34.19 |
| 380 | 1202 | 46175  | 35.11 |
| 390 | 1306 | 47481  | 36.10 |
| 400 | 1455 | 48936  | 37.21 |
| 410 | 1560 | 50496  | 38.39 |
| 420 | 1552 | 52048  | 39.57 |
| 430 | 1163 | 53211  | 40.46 |
| 440 | 1329 | 54540  | 41.47 |
| 450 | 1148 | 55688  | 42.34 |
| 460 | 1431 | 57119  | 43.43 |
| 470 | 1644 | 58763  | 44.68 |
| 480 | 1875 | 60638  | 46.10 |
| 490 | 1578 | 62216  | 47.30 |
| 500 | 1874 | 64090  | 48.73 |
| 510 | 1530 | 65620  | 49.89 |
| 520 | 1628 | 67248  | 51.13 |
| 530 | 1729 | 68977  | 52.45 |
| 540 | 1437 | 70414  | 53.54 |
| 550 | 1858 | 72272  | 54.95 |
| 560 | 1731 | 74003  | 56.27 |
| 570 | 1432 | 75435  | 57.36 |
| 580 | 1961 | 77396  | 58.85 |
| 590 | 1886 | 79282  | 60.28 |
| 600 | 2784 | 82066  | 62.40 |
| 610 | 2308 | 84374  | 64.15 |
| 620 | 2044 | 86418  | 65.71 |
| 630 | 2018 | 88436  | 67.24 |
| 640 | 2084 | 90520  | 68.82 |
| 650 | 2123 | 92643  | 70.44 |
| 660 | 1892 | 94535  | 71.88 |
| 670 | 1815 | 96350  | 73.26 |
| 680 | 2282 | 98632  | 74.99 |
| 690 | 1978 | 100610 | 76.50 |
| 700 | 2502 | 103112 | 78.40 |
| 710 | 2229 | 105341 | 80.09 |
| 720 | 1508 | 106849 | 81.24 |

|      |      |        |       |
|------|------|--------|-------|
| 730  | 1640 | 108489 | 82.49 |
| 740  | 1123 | 109612 | 83.34 |
| 750  | 1411 | 111023 | 84.41 |
| 760  | 1441 | 112464 | 85.51 |
| 770  | 1562 | 114026 | 86.70 |
| 780  | 1598 | 115624 | 87.91 |
| 790  | 911  | 116535 | 88.60 |
| 800  | 956  | 117491 | 89.33 |
| 810  | 1236 | 118727 | 90.27 |
| 820  | 826  | 119553 | 90.90 |
| 830  | 691  | 120244 | 91.43 |
| 840  | 876  | 121120 | 92.09 |
| 850  | 761  | 121881 | 92.67 |
| 860  | 1081 | 122962 | 93.49 |
| 870  | 441  | 123403 | 93.83 |
| 880  | 428  | 123831 | 94.15 |
| 890  | 457  | 124288 | 94.50 |
| 900  | 403  | 124691 | 94.81 |
| 910  | 574  | 125265 | 95.24 |
| 920  | 296  | 125561 | 95.47 |
| 930  | 299  | 125860 | 95.70 |
| 940  | 420  | 126280 | 96.01 |
| 950  | 381  | 126661 | 96.30 |
| 960  | 303  | 126964 | 96.53 |
| 970  | 265  | 127229 | 96.74 |
| 980  | 155  | 127384 | 96.85 |
| 990  | 410  | 127794 | 97.17 |
| 1000 | 368  | 128162 | 97.45 |
| 1010 | 280  | 128442 | 97.66 |
| 1020 | 166  | 128608 | 97.78 |
| 1030 | 174  | 128782 | 97.92 |
| 1040 | 50   | 128832 | 97.95 |
| 1050 | 90   | 128922 | 98.02 |
| 1060 | 203  | 129125 | 98.18 |
| 1070 | 186  | 129311 | 98.32 |
| 1080 | 38   | 129349 | 98.35 |
| 1090 | 97   | 129446 | 98.42 |
| 1100 | 166  | 129612 | 98.55 |
| 1110 | 76   | 129688 | 98.61 |
| 1120 | 93   | 129781 | 98.68 |
| 1130 | 115  | 129896 | 98.76 |
| 1140 | 0    | 129896 | 98.76 |
| 1150 | 52   | 129948 | 98.80 |
| 1160 | 0    | 129948 | 98.80 |
| 1170 | 45   | 129993 | 98.84 |
| 1180 | 98   | 130091 | 98.91 |
| 1190 | 126  | 130217 | 99.01 |
| 1200 | 53   | 130270 | 99.05 |
| 1210 | 1    | 130271 | 99.05 |
| 1220 | 32   | 130303 | 99.07 |
| 1230 | 0    | 130303 | 99.07 |
| 1240 | 45   | 130348 | 99.11 |
| 1250 | 1    | 130349 | 99.11 |
| 1260 | 6    | 130355 | 99.11 |
| 1270 | 12   | 130367 | 99.12 |
| 1280 | 128  | 130495 | 99.22 |
| 1290 | 49   | 130544 | 99.26 |
| 1300 | 88   | 130632 | 99.32 |
| 1310 | 17   | 130649 | 99.34 |
| 1320 | 0    | 130649 | 99.34 |
| 1330 | 218  | 130867 | 99.50 |
| 1340 | 41   | 130908 | 99.53 |
| 1350 | 96   | 131004 | 99.61 |
| 1360 | 32   | 131036 | 99.63 |
| 1370 | 0    | 131036 | 99.63 |
| 1380 | 86   | 131122 | 99.70 |
| 1390 | 50   | 131172 | 99.73 |
| 1400 | 1    | 131173 | 99.73 |
| 1410 | 0    | 131173 | 99.73 |
| 1420 | 0    | 131173 | 99.73 |

|       |    |        |        |
|-------|----|--------|--------|
| 1430  | 0  | 131173 | 99.73  |
| 1440  | 0  | 131173 | 99.73  |
| 1450  | 28 | 131201 | 99.76  |
| 1460  | 78 | 131279 | 99.82  |
| 1470  | 0  | 131279 | 99.82  |
| 1480  | 1  | 131280 | 99.82  |
| 1490  | 81 | 131361 | 99.88  |
| 1500  | 0  | 131361 | 99.88  |
| 1510  | 0  | 131361 | 99.88  |
| 1520  | 0  | 131361 | 99.88  |
| 1530  | 44 | 131405 | 99.91  |
| 1540  | 0  | 131405 | 99.91  |
| 1550  | 0  | 131405 | 99.91  |
| 1560  | 33 | 131438 | 99.94  |
| 1570  | 0  | 131438 | 99.94  |
| 1580  | 41 | 131479 | 99.97  |
| 1590  | 1  | 131480 | 99.97  |
| 1600  | 0  | 131480 | 99.97  |
| 1610  | 1  | 131481 | 99.97  |
| 1620  | 0  | 131481 | 99.97  |
| 1630  | 0  | 131481 | 99.97  |
| 1640  | 1  | 131482 | 99.97  |
| 1650  | 0  | 131482 | 99.97  |
| 1660  | 40 | 131522 | 100.00 |
| 1670  | 0  | 131522 | 100.00 |
| 1680  | 0  | 131522 | 100.00 |
| 1690  | 0  | 131522 | 100.00 |
| 1700  | 0  | 131522 | 100.00 |
| 1710  | 0  | 131522 | 100.00 |
| 1720  | 0  | 131522 | 100.00 |
| 1730  | 0  | 131522 | 100.00 |
| 1740  | 0  | 131522 | 100.00 |
| 1750  | 0  | 131522 | 100.00 |
| 1760  | 0  | 131522 | 100.00 |
| 1770  | 0  | 131522 | 100.00 |
| 1780  | 0  | 131522 | 100.00 |
| 1790  | 0  | 131522 | 100.00 |
| 1800  | 0  | 131522 | 100.00 |
| 1810  | 0  | 131522 | 100.00 |
| 1820  | 0  | 131522 | 100.00 |
| 1830  | 0  | 131522 | 100.00 |
| 1840  | 0  | 131522 | 100.00 |
| 1850  | 0  | 131522 | 100.00 |
| 1860  | 0  | 131522 | 100.00 |
| 1870  | 0  | 131522 | 100.00 |
| 1880  | 0  | 131522 | 100.00 |
| 1890  | 0  | 131522 | 100.00 |
| 1900  | 0  | 131522 | 100.00 |
| 1910  | 0  | 131522 | 100.00 |
| 1920  | 0  | 131522 | 100.00 |
| 1930  | 0  | 131522 | 100.00 |
| 1940  | 0  | 131522 | 100.00 |
| 1950  | 0  | 131522 | 100.00 |
| 1960  | 0  | 131522 | 100.00 |
| 1970  | 0  | 131522 | 100.00 |
| 1980  | 0  | 131522 | 100.00 |
| 1990  | 0  | 131522 | 100.00 |
| Above | 0  | 131522 | 100.00 |

PWR Kinf Percentiles

| Kinf  | Assy | CumAssy | Percent |
|-------|------|---------|---------|
| 0.760 | 5    | 5       | 0.00    |
| 0.770 | 0    | 5       | 0.00    |
| 0.780 | 0    | 5       | 0.00    |
| 0.790 | 0    | 5       | 0.00    |
| 0.800 | 0    | 5       | 0.00    |
| 0.810 | 11   | 16      | 0.01    |
| 0.820 | 24   | 40      | 0.03    |
| 0.830 | 84   | 124     | 0.09    |

|       |       |        |        |
|-------|-------|--------|--------|
| 0.840 | 1     | 125    | 0.10   |
| 0.850 | 1     | 126    | 0.10   |
| 0.860 | 1     | 127    | 0.10   |
| 0.870 | 2     | 129    | 0.10   |
| 0.880 | 38    | 167    | 0.13   |
| 0.890 | 28    | 195    | 0.15   |
| 0.900 | 68    | 263    | 0.20   |
| 0.910 | 156   | 419    | 0.32   |
| 0.920 | 178   | 597    | 0.45   |
| 0.930 | 324   | 921    | 0.70   |
| 0.940 | 687   | 1608   | 1.22   |
| 0.950 | 1613  | 3221   | 2.45   |
| 0.960 | 3715  | 6936   | 5.27   |
| 0.970 | 6209  | 13145  | 9.99   |
| 0.980 | 8886  | 22031  | 16.75  |
| 0.990 | 11496 | 33527  | 25.49  |
| 1.000 | 13957 | 47484  | 36.10  |
| 1.010 | 13759 | 61243  | 46.56  |
| 1.020 | 12348 | 73591  | 55.95  |
| 1.030 | 16440 | 90031  | 68.45  |
| 1.040 | 10665 | 100696 | 76.56  |
| 1.050 | 6703  | 107399 | 81.66  |
| 1.060 | 4514  | 111913 | 85.09  |
| 1.070 | 3176  | 115089 | 87.51  |
| 1.080 | 2181  | 117270 | 89.16  |
| 1.090 | 2212  | 119482 | 90.85  |
| 1.100 | 2343  | 121825 | 92.63  |
| 1.110 | 1655  | 123480 | 93.89  |
| 1.120 | 1215  | 124695 | 94.81  |
| 1.130 | 1265  | 125960 | 95.77  |
| 1.140 | 611   | 126571 | 96.24  |
| 1.150 | 533   | 127104 | 96.64  |
| 1.160 | 652   | 127756 | 97.14  |
| 1.170 | 275   | 128031 | 97.35  |
| 1.180 | 324   | 128355 | 97.59  |
| 1.190 | 548   | 128903 | 98.01  |
| 1.200 | 272   | 129175 | 98.22  |
| 1.210 | 266   | 129441 | 98.42  |
| 1.220 | 117   | 129558 | 98.51  |
| 1.230 | 247   | 129805 | 98.69  |
| 1.240 | 394   | 130199 | 98.99  |
| 1.250 | 324   | 130523 | 99.24  |
| 1.260 | 141   | 130664 | 99.35  |
| 1.270 | 290   | 130954 | 99.57  |
| 1.280 | 67    | 131021 | 99.62  |
| 1.290 | 186   | 131207 | 99.76  |
| 1.300 | 107   | 131314 | 99.84  |
| 1.310 | 29    | 131343 | 99.86  |
| 1.320 | 61    | 131404 | 99.91  |
| 1.330 | 20    | 131424 | 99.93  |
| 1.340 | 8     | 131432 | 99.93  |
| 1.350 | 2     | 131434 | 99.93  |
| 1.360 | 44    | 131478 | 99.97  |
| 1.370 | 7     | 131485 | 99.97  |
| 1.380 | 0     | 131485 | 99.97  |
| 1.390 | 0     | 131485 | 99.97  |
| 1.400 | 0     | 131485 | 99.97  |
| 1.410 | 1     | 131486 | 99.97  |
| 1.420 | 0     | 131486 | 99.97  |
| 1.430 | 12    | 131498 | 99.98  |
| 1.440 | 0     | 131498 | 99.98  |
| 1.450 | 16    | 131514 | 99.99  |
| 1.460 | 8     | 131522 | 100.00 |
| 1.470 | 0     | 131522 | 100.00 |
| 1.480 | 0     | 131522 | 100.00 |
| 1.490 | 0     | 131522 | 100.00 |
| 1.500 | 0     | 131522 | 100.00 |
| 1.510 | 0     | 131522 | 100.00 |
| 1.520 | 0     | 131522 | 100.00 |
| 1.530 | 0     | 131522 | 100.00 |

|       |   |        |        |
|-------|---|--------|--------|
| 1.540 | 0 | 131522 | 100.00 |
| 1.550 | 0 | 131522 | 100.00 |
| 1.560 | 0 | 131522 | 100.00 |
| 1.570 | 0 | 131522 | 100.00 |
| 1.580 | 0 | 131522 | 100.00 |
| 1.590 | 0 | 131522 | 100.00 |
| Above | 0 | 131522 | 100.00 |

| Year | MTU     | B Assy | P Assy |
|------|---------|--------|--------|
| 2010 | 295.63  | 616    | 420    |
| 2011 | 597.83  | 1232   | 861    |
| 2012 | 1191.39 | 2772   | 1545   |
| 2013 | 2013.79 | 3520   | 3151   |
| 2014 | 2995.15 | 5697   | 4614   |
| 2015 | 2989.70 | 5847   | 4518   |
| 2016 | 3010.31 | 5788   | 4569   |
| 2017 | 3006.31 | 5192   | 4740   |
| 2018 | 2991.74 | 5891   | 4521   |
| 2019 | 2998.63 | 5696   | 4554   |
| 2020 | 3000.01 | 5304   | 4716   |
| 2021 | 3002.37 | 6072   | 4398   |
| 2022 | 2992.56 | 5772   | 4536   |
| 2023 | 3018.49 | 5412   | 4728   |
| 2024 | 2981.63 | 6028   | 4413   |
| 2025 | 3006.06 | 6556   | 4287   |
| 2026 | 3003.30 | 5808   | 4506   |
| 2027 | 3020.78 | 5720   | 4656   |
| 2028 | 2983.36 | 6204   | 4314   |
| 2029 | 3002.33 | 4444   | 5031   |
| 2030 | 3005.59 | 5104   | 4758   |
| 2031 | 2998.53 | 5852   | 4470   |
| 2032 | 3005.33 | 6428   | 4347   |
| 2033 | 2987.32 | 6280   | 4338   |
| 2034 | 2993.73 | 7319   | 4108   |
| 2035 | 2996.20 | 6948   | 4032   |
| 2036 | 3016.83 | 6165   | 4452   |
| 2037 | 2985.21 | 5236   | 4749   |
| 2038 | 3020.84 | 6534   | 4386   |
| 2039 | 2988.14 | 4928   | 4935   |
| 2040 | 3012.50 | 4507   | 5202   |
| 2041 | 1658.45 | 2880   | 2667   |
| 2042 | 0.00    | 0      | 0      |
| 2043 | 0.00    | 0      | 0      |
| 2044 | 0.00    | 0      | 0      |
| 2045 | 0.00    | 0      | 0      |

Average age = 25.774

JUNK FILE LISTING:

|                     |                                  |             |
|---------------------|----------------------------------|-------------|
| Nassy=1 burnup=1.87 | kinf=1.529 Enrch=3.63 Dschg=1968 | WEST VALLEY |
| Nassy=2 burnup=1.45 | kinf=1.536 Enrch=3.63 Dschg=1968 | WEST VALLEY |
| Nassy=2 burnup=1.53 | kinf=1.535 Enrch=3.63 Dschg=1968 | WEST VALLEY |
| Nassy=1 burnup=6.38 | kinf=1.455 Enrch=3.63 Dschg=1969 | WEST VALLEY |
| Nassy=2 burnup=0.32 | kinf=1.314 Enrch=2.13 Dschg=1970 | GE MORRIS ( |
| Nassy=1 burnup=0.32 | kinf=1.315 Enrch=2.13 Dschg=1970 | GE MORRIS ( |
| Nassy=3 burnup=0.35 | kinf=1.314 Enrch=2.13 Dschg=1970 | GE MORRIS ( |
| Nassy=8 burnup=0.34 | kinf=1.314 Enrch=2.13 Dschg=1970 | GE MORRIS ( |
| Nassy=1 burnup=0.35 | kinf=1.314 Enrch=2.13 Dschg=1970 | GE MORRIS ( |
| Nassy=1 burnup=0.18 | kinf=1.317 Enrch=2.13 Dschg=1970 | GE MORRIS ( |
| Nassy=1 burnup=0.36 | kinf=1.314 Enrch=2.13 Dschg=1970 | GE MORRIS ( |
| Nassy=1 burnup=0.23 | kinf=1.317 Enrch=2.13 Dschg=1970 | GE MORRIS ( |
| Nassy=1 burnup=0.32 | kinf=1.314 Enrch=2.13 Dschg=1970 | GE MORRIS ( |
| Nassy=6 burnup=0.34 | kinf=1.315 Enrch=2.13 Dschg=1970 | GE MORRIS ( |
| Nassy=4 burnup=0.34 | kinf=1.315 Enrch=2.13 Dschg=1970 | GE MORRIS ( |
| Nassy=1 burnup=1.48 | kinf=1.297 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=0.86 | kinf=1.307 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.22 | kinf=1.301 Enrch=2.13 Dschg=1971 | GE MORRIS ( |

|                      |                                  |             |
|----------------------|----------------------------------|-------------|
| Nassy=7 burnup=1.63  | kinf=1.295 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.77  | kinf=1.260 Enrch=1.93 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.31  | kinf=1.299 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=6 burnup=1.86  | kinf=1.291 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=4 burnup=1.85  | kinf=1.257 Enrch=1.93 Dschg=1971 | GE MORRIS ( |
| Nassy=4 burnup=1.79  | kinf=1.292 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=8 burnup=1.74  | kinf=1.293 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=11 burnup=1.74 | kinf=1.293 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.34  | kinf=1.299 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.46  | kinf=1.270 Enrch=1.97 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.57  | kinf=1.267 Enrch=1.96 Dschg=1971 | GE MORRIS ( |
| Nassy=8 burnup=1.50  | kinf=1.297 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=5 burnup=1.76  | kinf=1.261 Enrch=1.94 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.23  | kinf=1.279 Enrch=2.00 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.31  | kinf=1.299 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=1.46  | kinf=1.298 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=6 burnup=1.48  | kinf=1.297 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.00  | kinf=1.305 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.00  | kinf=1.305 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=1.09  | kinf=1.303 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=4 burnup=1.27  | kinf=1.300 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=0.86  | kinf=1.307 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.28  | kinf=1.300 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=1.32  | kinf=1.275 Enrch=1.99 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.11  | kinf=1.302 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=5 burnup=1.42  | kinf=1.298 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=6 burnup=1.23  | kinf=1.301 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=11 burnup=1.34 | kinf=1.300 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=5 burnup=1.88  | kinf=1.291 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.15  | kinf=1.302 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=3 burnup=1.15  | kinf=1.302 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=8 burnup=1.44  | kinf=1.298 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=15 burnup=1.85 | kinf=1.291 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=5 burnup=1.85  | kinf=1.291 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=0.86  | kinf=1.291 Enrch=2.04 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.62  | kinf=1.265 Enrch=1.96 Dschg=1971 | GE MORRIS ( |
| Nassy=1 burnup=1.64  | kinf=1.264 Enrch=1.95 Dschg=1971 | GE MORRIS ( |
| Nassy=10 burnup=1.83 | kinf=1.292 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=15 burnup=1.83 | kinf=1.292 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=1.13  | kinf=1.303 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=24 burnup=1.63 | kinf=1.295 Enrch=2.13 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=1.78  | kinf=1.260 Enrch=1.94 Dschg=1971 | GE MORRIS ( |
| Nassy=2 burnup=9.28  | kinf=1.410 Enrch=3.63 Dschg=1971 | WEST VALLEY |
| Nassy=1 burnup=4.99  | kinf=1.478 Enrch=3.63 Dschg=1971 | WEST VALLEY |
| Nassy=1 burnup=8.24  | kinf=1.426 Enrch=3.63 Dschg=1971 | WEST VALLEY |
| Nassy=1 burnup=9.23  | kinf=1.411 Enrch=3.63 Dschg=1971 | WEST VALLEY |
| Nassy=1 burnup=1.53  | kinf=1.318 Enrch=2.26 Dschg=1971 | DRESDEN     |
| Nassy=1 burnup=4.49  | kinf=1.250 Enrch=2.11 Dschg=1971 | OYSTER CRK  |
| Nassy=1 burnup=3.27  | kinf=1.212 Enrch=1.78 Dschg=1972 | GE MORRIS ( |
| Nassy=44 burnup=4.52 | kinf=1.253 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=16 burnup=4.52 | kinf=1.253 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=28 burnup=3.43 | kinf=1.269 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=8 burnup=3.43  | kinf=1.269 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=12 burnup=2.81 | kinf=1.227 Enrch=1.83 Dschg=1972 | GE MORRIS ( |
| Nassy=10 burnup=3.13 | kinf=1.217 Enrch=1.80 Dschg=1972 | GE MORRIS ( |
| Nassy=3 burnup=3.87  | kinf=1.195 Enrch=1.73 Dschg=1972 | GE MORRIS ( |
| Nassy=11 burnup=3.87 | kinf=1.195 Enrch=1.73 Dschg=1972 | GE MORRIS ( |
| Nassy=16 burnup=3.87 | kinf=1.195 Enrch=1.73 Dschg=1972 | GE MORRIS ( |
| Nassy=28 burnup=4.14 | kinf=1.258 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=6 burnup=4.14  | kinf=1.258 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=33 burnup=4.14 | kinf=1.258 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=5 burnup=4.62  | kinf=1.173 Enrch=1.67 Dschg=1972 | GE MORRIS ( |
| Nassy=9 burnup=4.62  | kinf=1.173 Enrch=1.67 Dschg=1972 | GE MORRIS ( |
| Nassy=13 burnup=3.39 | kinf=1.209 Enrch=1.77 Dschg=1972 | GE MORRIS ( |
| Nassy=1 burnup=3.34  | kinf=1.269 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=4 burnup=3.34  | kinf=1.269 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=5 burnup=4.77  | kinf=1.249 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=5 burnup=3.84  | kinf=1.195 Enrch=1.73 Dschg=1972 | GE MORRIS ( |
| Nassy=1 burnup=3.28  | kinf=1.271 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=1 burnup=2.73  | kinf=1.279 Enrch=2.13 Dschg=1972 | GE MORRIS ( |

|                      |                                  |             |
|----------------------|----------------------------------|-------------|
| Nassy=5 burnup=4.69  | kinf=1.250 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=18 burnup=4.69 | kinf=1.250 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=22 burnup=4.31 | kinf=1.182 Enrch=1.69 Dschg=1972 | GE MORRIS ( |
| Nassy=1 burnup=4.31  | kinf=1.182 Enrch=1.69 Dschg=1972 | GE MORRIS ( |
| Nassy=3 burnup=3.12  | kinf=1.273 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=7 burnup=3.12  | kinf=1.273 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=13 burnup=3.60 | kinf=1.203 Enrch=1.76 Dschg=1972 | GE MORRIS ( |
| Nassy=4 burnup=2.84  | kinf=1.277 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=20 burnup=4.38 | kinf=1.254 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=13 burnup=4.38 | kinf=1.254 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=22 burnup=4.38 | kinf=1.254 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=3 burnup=3.91  | kinf=1.261 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=6 burnup=3.79  | kinf=1.263 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=15 burnup=3.79 | kinf=1.263 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=15 burnup=3.77 | kinf=1.264 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=14 burnup=3.77 | kinf=1.264 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=30 burnup=3.77 | kinf=1.264 Enrch=2.13 Dschg=1972 | GE MORRIS ( |
| Nassy=14 burnup=4.39 | kinf=1.179 Enrch=1.68 Dschg=1972 | GE MORRIS ( |
| Nassy=3 burnup=4.39  | kinf=1.179 Enrch=1.68 Dschg=1972 | GE MORRIS ( |
| Nassy=7 burnup=4.39  | kinf=1.179 Enrch=1.68 Dschg=1972 | GE MORRIS ( |
| Nassy=14 burnup=4.64 | kinf=1.172 Enrch=1.66 Dschg=1972 | GE MORRIS ( |
| Nassy=1 burnup=8.59  | kinf=1.421 Enrch=3.63 Dschg=1972 | WEST VALLEY |
| Nassy=1 burnup=9.12  | kinf=1.413 Enrch=3.63 Dschg=1972 | WEST VALLEY |
| Nassy=1 burnup=8.73  | kinf=1.419 Enrch=3.63 Dschg=1972 | WEST VALLEY |
| Nassy=2 burnup=4.86  | kinf=1.239 Enrch=2.08 Dschg=1972 | MILLSTONE   |
| Nassy=4 burnup=6.45  | kinf=1.454 Enrch=3.63 Dschg=1973 | WEST VALLEY |
| Nassy=1 burnup=8.75  | kinf=1.418 Enrch=3.63 Dschg=1973 | WEST VALLEY |
| Nassy=1 burnup=7.35  | kinf=1.440 Enrch=3.63 Dschg=1973 | WEST VALLEY |
| Nassy=1 burnup=3.88  | kinf=1.262 Enrch=2.13 Dschg=1973 | DRESDEN     |
| Nassy=2 burnup=4.96  | kinf=1.246 Enrch=2.13 Dschg=1973 | DRESDEN     |
| Nassy=1 burnup=1.05  | kinf=1.365 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=3 burnup=0.97  | kinf=1.366 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=5 burnup=4.32  | kinf=1.315 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=1 burnup=0.99  | kinf=1.366 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=7 burnup=4.39  | kinf=1.315 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=7 burnup=4.39  | kinf=1.315 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=7 burnup=4.39  | kinf=1.315 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=2 burnup=4.00  | kinf=1.320 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=5 burnup=4.05  | kinf=1.320 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=4 burnup=1.16  | kinf=1.364 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=6 burnup=4.66  | kinf=1.311 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=1 burnup=0.99  | kinf=1.366 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=1 burnup=4.69  | kinf=1.310 Enrch=2.50 Dschg=1973 | VT YANKEE   |
| Nassy=2 burnup=9.23  | kinf=1.411 Enrch=3.63 Dschg=1973 | LACROSSE    |
| Nassy=2 burnup=9.23  | kinf=1.411 Enrch=3.63 Dschg=1973 | LACROSSE    |
| Nassy=1 burnup=8.77  | kinf=1.418 Enrch=3.63 Dschg=1973 | LACROSSE    |
| Nassy=4 burnup=9.10  | kinf=1.413 Enrch=3.63 Dschg=1973 | LACROSSE    |
| Nassy=1 burnup=3.97  | kinf=1.271 Enrch=2.19 Dschg=1973 | PILGRIM     |
| Nassy=1 burnup=2.63  | kinf=1.290 Enrch=2.19 Dschg=1973 | PILGRIM     |
| Nassy=1 burnup=8.95  | kinf=1.415 Enrch=3.63 Dschg=1974 | WEST VALLEY |
| Nassy=1 burnup=8.15  | kinf=1.428 Enrch=3.63 Dschg=1974 | WEST VALLEY |
| Nassy=5 burnup=4.95  | kinf=1.306 Enrch=2.50 Dschg=1974 | VT YANKEE   |
| Nassy=3 burnup=4.95  | kinf=1.306 Enrch=2.50 Dschg=1974 | VT YANKEE   |
| Nassy=1 burnup=7.57  | kinf=1.476 Enrch=3.92 Dschg=1975 | LACROSSE    |
| Nassy=1 burnup=3.71  | kinf=1.263 Enrch=2.12 Dschg=1975 | DUANE ARNOL |
| Nassy=1 burnup=3.78  | kinf=1.280 Enrch=2.23 Dschg=1975 | DRESDEN     |
| Nassy=1 burnup=2.90  | kinf=1.273 Enrch=2.11 Dschg=1976 | BRUNSWICK   |
| Nassy=1 burnup=3.30  | kinf=1.267 Enrch=2.11 Dschg=1976 | BRUNSWICK   |
| Nassy=2 burnup=2.43  | kinf=1.105 Enrch=1.11 Dschg=1976 | BRUNSWICK   |
| Nassy=2 burnup=3.05  | kinf=1.320 Enrch=2.41 Dschg=1976 | HUMBOLDT BA |
| Nassy=2 burnup=3.30  | kinf=1.315 Enrch=2.40 Dschg=1976 | HUMBOLDT BA |
| Nassy=4 burnup=2.43  | kinf=1.329 Enrch=2.41 Dschg=1976 | HUMBOLDT BA |
| Nassy=2 burnup=2.69  | kinf=1.325 Enrch=2.41 Dschg=1976 | HUMBOLDT BA |
| Nassy=2 burnup=3.89  | kinf=1.308 Enrch=2.41 Dschg=1976 | HUMBOLDT BA |
| Nassy=2 burnup=4.34  | kinf=1.301 Enrch=2.41 Dschg=1976 | HUMBOLDT BA |
| Nassy=1 burnup=1.31  | kinf=1.346 Enrch=2.41 Dschg=1976 | HUMBOLDT BA |
| Nassy=1 burnup=12.04 | kinf=1.407 Enrch=3.92 Dschg=1977 | LACROSSE    |
| Nassy=1 burnup=12.30 | kinf=1.403 Enrch=3.93 Dschg=1977 | LACROSSE    |
| Nassy=1 burnup=7.61  | kinf=1.476 Enrch=3.92 Dschg=1977 | LACROSSE    |
| Nassy=1 burnup=12.42 | kinf=1.401 Enrch=3.92 Dschg=1977 | LACROSSE    |

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|----------------------|----------------------------------|-------------|
| Nassy=5 burnup=3.65  | kinf=1.282 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=2 burnup=3.35  | kinf=1.287 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=4 burnup=3.35  | kinf=1.287 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=2 burnup=3.08  | kinf=1.291 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=4 burnup=4.00  | kinf=1.277 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=3 burnup=4.97  | kinf=1.263 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=18 burnup=4.97 | kinf=1.263 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=5 burnup=4.97  | kinf=1.263 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=1 burnup=4.53  | kinf=1.269 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=2 burnup=4.53  | kinf=1.269 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=20 burnup=4.53 | kinf=1.269 Enrch=2.23 Dschg=1978 | DRESDEN     |
| Nassy=4 burnup=3.58  | kinf=1.019 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=16 burnup=1.89 | kinf=1.041 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=3 burnup=2.53  | kinf=1.032 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=5 burnup=2.53  | kinf=1.032 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=20 burnup=2.53 | kinf=1.032 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=16 burnup=2.83 | kinf=1.028 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=3 burnup=4.31  | kinf=1.009 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=5 burnup=4.31  | kinf=1.009 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=4 burnup=3.00  | kinf=1.026 Enrch=0.72 Dschg=1980 | HATCH       |
| Nassy=8 burnup=3.15  | kinf=1.024 Enrch=0.72 Dschg=1985 | SUSQUEHANNA |
| Nassy=8 burnup=4.11  | kinf=1.012 Enrch=0.72 Dschg=1985 | SUSQUEHANNA |
| Nassy=16 burnup=4.71 | kinf=1.004 Enrch=0.72 Dschg=1985 | SUSQUEHANNA |
| Nassy=29 burnup=4.71 | kinf=1.004 Enrch=0.72 Dschg=1985 | SUSQUEHANNA |
| Nassy=3 burnup=4.71  | kinf=1.004 Enrch=0.72 Dschg=1985 | SUSQUEHANNA |
| Nassy=8 burnup=2.96  | kinf=1.027 Enrch=0.72 Dschg=1985 | SUSQUEHANNA |
| Nassy=4 burnup=3.14  | kinf=1.024 Enrch=0.72 Dschg=1985 | LASALLE     |
| Nassy=8 burnup=4.86  | kinf=1.003 Enrch=0.72 Dschg=1985 | LASALLE     |
| Nassy=6 burnup=2.92  | kinf=1.027 Enrch=0.72 Dschg=1985 | LASALLE     |
| Nassy=2 burnup=2.92  | kinf=1.027 Enrch=0.72 Dschg=1985 | LASALLE     |
| Nassy=8 burnup=3.41  | kinf=1.021 Enrch=0.72 Dschg=1985 | LASALLE     |
| Nassy=18 burnup=4.08 | kinf=1.012 Enrch=0.72 Dschg=1985 | LASALLE     |
| Nassy=30 burnup=3.91 | kinf=1.015 Enrch=0.72 Dschg=1985 | LASALLE     |
| Nassy=8 burnup=2.64  | kinf=1.031 Enrch=0.72 Dschg=1985 | LASALLE     |
| Nassy=8 burnup=2.22  | kinf=1.038 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=14 burnup=2.86 | kinf=1.030 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=8 burnup=3.07  | kinf=1.027 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=1 burnup=2.65  | kinf=1.033 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=30 burnup=2.65 | kinf=1.033 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=11 burnup=2.65 | kinf=1.033 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=16 burnup=1.77 | kinf=1.044 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=1 burnup=3.28  | kinf=1.024 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=3 burnup=3.28  | kinf=1.024 Enrch=0.73 Dschg=1986 | WASH NUCLEA |
| Nassy=26 burnup=4.17 | kinf=1.013 Enrch=0.73 Dschg=1986 | SUSQUEHANNA |
| Nassy=8 burnup=3.09  | kinf=1.026 Enrch=0.73 Dschg=1986 | SUSQUEHANNA |
| Nassy=2 burnup=2.76  | kinf=1.030 Enrch=0.72 Dschg=1986 | SUSQUEHANNA |
| Nassy=6 burnup=2.76  | kinf=1.030 Enrch=0.72 Dschg=1986 | SUSQUEHANNA |
| Nassy=12 burnup=3.50 | kinf=1.020 Enrch=0.72 Dschg=1986 | SUSQUEHANNA |
| Nassy=7 burnup=3.98  | kinf=1.015 Enrch=0.73 Dschg=1986 | SUSQUEHANNA |
| Nassy=15 burnup=3.98 | kinf=1.015 Enrch=0.73 Dschg=1986 | SUSQUEHANNA |
| Nassy=8 burnup=4.72  | kinf=1.006 Enrch=0.73 Dschg=1986 | SUSQUEHANNA |
| Nassy=11 burnup=3.35 | kinf=1.022 Enrch=0.72 Dschg=1986 | GRAND GULF  |
| Nassy=21 burnup=3.35 | kinf=1.022 Enrch=0.72 Dschg=1986 | GRAND GULF  |
| Nassy=40 burnup=3.35 | kinf=1.022 Enrch=0.72 Dschg=1986 | GRAND GULF  |
| Nassy=4 burnup=3.35  | kinf=1.022 Enrch=0.72 Dschg=1986 | GRAND GULF  |
| Nassy=16 burnup=3.35 | kinf=1.022 Enrch=0.72 Dschg=1986 | GRAND GULF  |
| Nassy=2 burnup=4.00  | kinf=1.013 Enrch=0.72 Dschg=1987 | LASALLE     |
| Nassy=4 burnup=4.00  | kinf=1.013 Enrch=0.72 Dschg=1987 | LASALLE     |
| Nassy=44 burnup=4.00 | kinf=1.013 Enrch=0.72 Dschg=1987 | LASALLE     |
| Nassy=13 burnup=4.00 | kinf=1.013 Enrch=0.72 Dschg=1987 | LASALLE     |
| Nassy=28 burnup=4.00 | kinf=1.013 Enrch=0.72 Dschg=1987 | LASALLE     |
| Nassy=1 burnup=4.00  | kinf=1.013 Enrch=0.72 Dschg=1987 | LASALLE     |
| Nassy=1 burnup=5.00  | kinf=1.487 Enrch=3.70 Dschg=1987 | LACROSSE    |
| Nassy=6 burnup=5.00  | kinf=1.487 Enrch=3.70 Dschg=1987 | LACROSSE    |
| Nassy=9 burnup=5.00  | kinf=1.487 Enrch=3.70 Dschg=1987 | LACROSSE    |
| Nassy=7 burnup=5.00  | kinf=1.487 Enrch=3.70 Dschg=1987 | LACROSSE    |
| Nassy=1 burnup=5.00  | kinf=1.488 Enrch=3.71 Dschg=1987 | LACROSSE    |
| Nassy=18 burnup=3.00 | kinf=1.026 Enrch=0.72 Dschg=1987 | RVR BEND    |
| Nassy=16 burnup=3.00 | kinf=1.026 Enrch=0.72 Dschg=1987 | RVR BEND    |
| Nassy=28 burnup=3.00 | kinf=1.026 Enrch=0.72 Dschg=1987 | RVR BEND    |

|                        |             |            |            |            |             |
|------------------------|-------------|------------|------------|------------|-------------|
| Nassy=14               | burnup=3.00 | kinf=1.026 | Enrch=0.72 | Dschg=1987 | RVR BEND    |
| Nassy=41               | burnup=3.00 | kinf=1.028 | Enrch=0.73 | Dschg=1988 | NOPE CREEK  |
| Nassy=19               | burnup=3.00 | kinf=1.028 | Enrch=0.73 | Dschg=1988 | NOPE CREEK  |
| Nassy=31               | burnup=3.00 | kinf=1.028 | Enrch=0.73 | Dschg=1988 | NOPE CREEK  |
| Nassy=1                | burnup=3.00 | kinf=1.028 | Enrch=0.73 | Dschg=1988 | NOPE CREEK  |
| Nassy=44               | burnup=3.00 | kinf=1.026 | Enrch=0.72 | Dschg=1989 | CLINTON     |
| Nassy=32               | burnup=3.00 | kinf=1.026 | Enrch=0.72 | Dschg=1989 | CLINTON     |
| Nassy=8                | burnup=3.00 | kinf=1.026 | Enrch=0.72 | Dschg=1989 | ENRICO FERM |
| Nassy=25               | burnup=3.00 | kinf=1.026 | Enrch=0.72 | Dschg=1989 | ENRICO FERM |
| Nassy=19               | burnup=3.00 | kinf=1.026 | Enrch=0.72 | Dschg=1989 | ENRICO FERM |
| Nassy=25               | burnup=3.00 | kinf=1.026 | Enrch=0.72 | Dschg=1989 | ENRICO FERM |
| Nassy=15               | burnup=3.00 | kinf=1.026 | Enrch=0.72 | Dschg=1989 | ENRICO FERM |
| Nassy=17               | burnup=4.00 | kinf=1.013 | Enrch=0.72 | Dschg=1990 | NINE MILE P |
| Nassy=11               | burnup=4.00 | kinf=1.013 | Enrch=0.72 | Dschg=1990 | NINE MILE P |
| Nassy=33               | burnup=4.00 | kinf=1.013 | Enrch=0.72 | Dschg=1990 | NINE MILE P |
| Nassy=11               | burnup=4.00 | kinf=1.013 | Enrch=0.72 | Dschg=1990 | NINE MILE P |
| Nassy=20               | burnup=4.00 | kinf=1.013 | Enrch=0.72 | Dschg=1990 | NINE MILE P |
| Nassy=4                | burnup=3.00 | kinf=1.026 | Enrch=0.72 | Dschg=1991 | SUSQUEHANNA |
| Nassy=36               | burnup=3.00 | kinf=1.026 | Enrch=0.72 | Dschg=1991 | LIMERICK    |
| Nassy=44               | burnup=3.00 | kinf=1.026 | Enrch=0.72 | Dschg=1991 | LIMERICK    |
| Nassy=12               | burnup=3.00 | kinf=1.026 | Enrch=0.72 | Dschg=1991 | LIMERICK    |
| Nassy=1                | burnup=1.97 | kinf=1.483 | Enrch=3.34 | Dschg=1994 | RVR BEND    |
| age=9 , mass= 7.396000 |             |            |            |            |             |
| age=9 , mass= 0.172000 |             |            |            |            |             |
| Nassy=29               | burnup=7.19 | kinf=1.402 | Enrch=3.35 | Dschg=2009 | NINE MILE P |
| Nassy=8                | burnup=7.19 | kinf=1.402 | Enrch=3.35 | Dschg=2009 | NINE MILE P |
| Nassy=36               | burnup=7.19 | kinf=1.402 | Enrch=3.35 | Dschg=2009 | NINE MILE P |
| Nassy=8                | burnup=7.19 | kinf=1.402 | Enrch=3.35 | Dschg=2009 | NINE MILE P |
| Nassy=36               | burnup=7.19 | kinf=1.402 | Enrch=3.35 | Dschg=2009 | NINE MILE P |
| Nassy=8                | burnup=7.19 | kinf=1.402 | Enrch=3.35 | Dschg=2009 | NINE MILE P |
| Nassy=36               | burnup=7.19 | kinf=1.402 | Enrch=3.35 | Dschg=2009 | NINE MILE P |
| Nassy=8                | burnup=7.19 | kinf=1.402 | Enrch=3.35 | Dschg=2009 | NINE MILE P |
| Nassy=7                | burnup=7.19 | kinf=1.402 | Enrch=3.35 | Dschg=2009 | NINE MILE P |
| Nassy=24               | burnup=7.59 | kinf=1.400 | Enrch=3.38 | Dschg=2009 | OYSTER CRK  |
| Nassy=16               | burnup=7.59 | kinf=1.400 | Enrch=3.38 | Dschg=2009 | OYSTER CRK  |
| Nassy=28               | burnup=7.59 | kinf=1.400 | Enrch=3.38 | Dschg=2009 | OYSTER CRK  |
| Nassy=12               | burnup=7.59 | kinf=1.400 | Enrch=3.38 | Dschg=2009 | OYSTER CRK  |
| Nassy=176              | burnup=8.57 | kinf=1.410 | Enrch=3.56 | Dschg=2012 | PILGRIM     |
| Nassy=13               | burnup=8.57 | kinf=1.410 | Enrch=3.56 | Dschg=2012 | PILGRIM     |
| Nassy=3                | burnup=8.57 | kinf=1.410 | Enrch=3.56 | Dschg=2012 | PILGRIM     |
| Nassy=2                | burnup=6.41 | kinf=1.443 | Enrch=3.55 | Dschg=2012 | QUAD CITIES |
| Nassy=24               | burnup=6.41 | kinf=1.443 | Enrch=3.55 | Dschg=2012 | QUAD CITIES |
| Nassy=12               | burnup=6.41 | kinf=1.443 | Enrch=3.55 | Dschg=2012 | QUAD CITIES |
| Nassy=12               | burnup=6.41 | kinf=1.443 | Enrch=3.55 | Dschg=2012 | QUAD CITIES |
| Nassy=24               | burnup=6.41 | kinf=1.443 | Enrch=3.55 | Dschg=2012 | QUAD CITIES |
| Nassy=8                | burnup=6.41 | kinf=1.443 | Enrch=3.55 | Dschg=2012 | QUAD CITIES |
| Nassy=16               | burnup=6.41 | kinf=1.443 | Enrch=3.55 | Dschg=2012 | QUAD CITIES |
| Nassy=24               | burnup=6.41 | kinf=1.443 | Enrch=3.55 | Dschg=2012 | QUAD CITIES |
| Nassy=4                | burnup=6.41 | kinf=1.443 | Enrch=3.55 | Dschg=2012 | QUAD CITIES |
| Nassy=20               | burnup=6.41 | kinf=1.443 | Enrch=3.55 | Dschg=2012 | QUAD CITIES |
| Nassy=7                | burnup=6.41 | kinf=1.443 | Enrch=3.55 | Dschg=2012 | QUAD CITIES |
| Nassy=13               | burnup=6.61 | kinf=1.438 | Enrch=3.54 | Dschg=2014 | BRUNSWICK   |
| Nassy=6                | burnup=6.61 | kinf=1.438 | Enrch=3.54 | Dschg=2014 | BRUNSWICK   |
| Nassy=24               | burnup=6.61 | kinf=1.438 | Enrch=3.54 | Dschg=2014 | BRUNSWICK   |
| Nassy=14               | burnup=6.61 | kinf=1.438 | Enrch=3.54 | Dschg=2014 | BRUNSWICK   |
| Nassy=10               | burnup=6.61 | kinf=1.438 | Enrch=3.54 | Dschg=2014 | BRUNSWICK   |
| Nassy=24               | burnup=6.61 | kinf=1.438 | Enrch=3.54 | Dschg=2014 | BRUNSWICK   |
| Nassy=1                | burnup=6.61 | kinf=1.438 | Enrch=3.54 | Dschg=2014 | BRUNSWICK   |
| age=9 , mass= 0.912000 |             |            |            |            |             |
| age=9 , mass= 3.650000 |             |            |            |            |             |
| age=9 , mass= 4.845000 |             |            |            |            |             |
| age=9 , mass= 6.460000 |             |            |            |            |             |
| age=9 , mass= 1.615000 |             |            |            |            |             |
| age=9 , mass= 4.306000 |             |            |            |            |             |
| age=9 , mass= 0.538000 |             |            |            |            |             |
| age=9 , mass= 1.615000 |             |            |            |            |             |
| age=9 , mass= 1.077000 |             |            |            |            |             |
| age=9 , mass= 2.153000 |             |            |            |            |             |
| age=9 , mass= 1.615000 |             |            |            |            |             |
| age=9 , mass= 1.615000 |             |            |            |            |             |

age=9 , mass= 8.211000  
age=9 , mass= 0.456000  
age=9 , mass= 1.369000  
age=9 , mass= 8.211000  
age=9 , mass= 0.912000  
age=9 , mass= 8.668000  
age=9 , mass= 2.281000  
age=9 , mass= 1.228000  
age=9 , mass= 3.275000  
age=9 , mass= 5.322000  
age=9 , mass= 8.597000  
age=9 , mass= 7.369000  
age=9 , mass= 7.755000  
age=9 , mass= 1.369000  
age=9 , mass= 8.211000  
age=9 , mass= 3.193000  
age=9 , mass= 3.193000  
age=9 , mass= 3.193000  
age=9 , mass= 3.193000  
age=9 , mass= 3.649000  
age=9 , mass= 2.862000  
age=9 , mass= 2.862000  
age=9 , mass= 2.915000  
age=9 , mass= 2.632000  
age=9 , mass= 0.416000  
age=9 , mass= 1.249000  
age=9 , mass= 5.829000  
age=9 , mass= 1.636000  
age=9 , mass= 2.453000  
age=9 , mass= 6.133000  
age=9 , mass= 1.227000  
age=9 , mass= 2.632000  
age=9 , mass= 7.888000  
age=9 , mass= 1.392000  
age=9 , mass= 8.883000  
age=9 , mass= 2.115000  
age=9 , mass= 6.768000  
age=9 , mass= 4.230000  
age=9 , mass= 1.269000  
age=9 , mass= 2.682000  
age=9 , mass= 3.184000  
age=9 , mass= 4.190000  
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age=9 , mass= 0.850000  
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age=9 , mass= 5.950000  
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age=9 , mass= 5.161000  
age=9 , mass= 1.780000  
age=9 , mass= 3.026000  
age=9 , mass= 1.243000  
age=9 , mass= 1.424000  
Nassy=8 burnup=3.22 kinf=1.457 Enrch=3.30 Dschg=2022 LASALLE  
age=9 , mass= 6.942000  
Nassy=39 burnup=3.22 kinf=1.457 Enrch=3.30 Dschg=2022 LASALLE  
age=9 , mass= 0.890000

Nassy=5 burnup=3.22 kinf=1.457 Enrch=3.30 Dschg=2022 LASALLE  
age=9 , mass= 7.832000  
Nassy=44 burnup=3.22 kinf=1.457 Enrch=3.30 Dschg=2022 LASALLE  
age=9 , mass= 2.136000  
Nassy=12 burnup=3.22 kinf=1.457 Enrch=3.30 Dschg=2022 LASALLE  
age=9 , mass= 5.696000  
Nassy=32 burnup=3.22 kinf=1.457 Enrch=3.30 Dschg=2022 LASALLE  
age=9 , mass= 4.272000  
Nassy=24 burnup=3.22 kinf=1.457 Enrch=3.30 Dschg=2022 LASALLE  
age=9 , mass= 0.890000  
age=9 , mass= 2.670000  
age=9 , mass= 7.832000  
age=9 , mass= 0.356000  
age=9 , mass= 6.764000  
age=9 , mass= 0.712000  
age=9 , mass= 3.382000  
age=9 , mass= 4.450000  
age=9 , mass= 6.408000  
age=9 , mass= 1.424000  
age=9 , mass= 7.832000  
age=9 , mass= 1.602000  
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age=9 , mass= 3.560000  
age=9 , mass= 1.068000  
age=9 , mass= 3.204000  
age=9 , mass= 7.654000  
age=9 , mass= 0.178000  
age=9 , mass= 6.408000  
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age=9 , mass= 2.848000  
age=9 , mass= 4.984000  
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age=9 , mass= 1.068000  
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age=9 , mass= 4.224000  
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age=9 , mass= 7.744000  
age=9 , mass= 0.704000  
age=9 , mass= 7.040000  
age=9 , mass= 3.696000  
age=9 , mass= 4.048000  
age=9 , mass= 6.688000  
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age=9 , mass= 1.936000  
age=9 , mass= 5.808000  
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age=9 , mass= 2.640000  
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age=9 , mass= 7.568000  
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