

```

BLOCK=OLD
DATASET=STACK
DATASET=ISOTXS
BLOCK=STP027,3
UNFORM=A.STP027
01 0 0 0 1 0 0 0 0 0 999999 1
02 0 0 0 2 0 0 0 1 1 1 0
03 1 0 1 1 1 0 0 0 111111 110000
04
05 0 0 1
UNFORM=A.DIF3D
01 RINSC core3 2MW
02 20000 16000000 0
03 0 0 0 4500 50 0 0 5 1 0 50
04 1 0 0 00 101 12 120 1 1 0 0
05 1.0-5 1.0-4 1.0-5
06 1.0 1.0-3 4.0-2 5.0+6
DATASET=A.HMG4C
01 RINSC LEU Fresh CORE 3, ALL RODS 100% OUT
02 400000
DATASET=A.NIP3
01 RINSC LEU STARTUP CORE
01 ALL CONTROL BLADES FULL OUT
01 REG ROD FULL OUT
02 1 25000 1
03 44
04 2 2 2 2 2
06 H2ORFO 0.0 113.03 0 43 0.0 160.0
06 TCB1 0.0 113.03 0 43 0.0 29.527
06 TCB2 11.43 101.60 11 39 0.0 52.387
06 TC1 0.0 113.03 0 43 0.0 26.987
06 TC2 13.97 99.06 12 38 26.987 49.847
06 GSBOX 26.352 86.678 11 34 52.387 63.187
06 SHIELD 27.940 85.090 14 33 53.977 61.597
06 GRID 26.085 86.945 4 10 63.822 135.146
06 GBOX 26.085 86.945 10 37 63.822 135.146
06 H2ORFI 26.720 86.310 10 37 64.457 134.511
06 AXREFT 26.773 86.257 32 37 64.51 134.458
06 AXREFB 26.773 86.257 10 15 64.51 134.458
06 POST1 26.085 34.545 10 37 63.822 72.282
06 POST2 26.085 34.545 10 37 126.686 135.146
06 POST3 78.485 86.945 10 37 63.822 72.282
06 POST4 78.485 86.945 10 37 126.686 135.146
06 GRAF1 44.857 68.173 13 35 64.51 72.282
01 moved 5 Be to core boundary E8 D8 C8 E2 C2 11/98
06 BEEC8 44.857 68.173 13 35 118.914 126.686
06 BE-E2 44.857 52.629 13 35 72.282 80.054
06 BE-C2 60.401 68.173 13 35 72.282 80.054
06 GRAF5 34.545 42.317 13 35 64.51 126.686
06 BEF5A 34.545 42.317 13 35 80.054 118.914 Be
06 GRAF6 70.713 78.485 13 35 64.51 126.686
06 BEF6A 70.713 78.485 13 35 80.054 118.914 Be
01 move 2 BE away BE1 26.773 34.545 9 26 72.282 126.686
06 GRAG1 26.773 34.545 15 32 72.282 126.686 G
01 move 2 Be away BE2 78.485 86.257 9 26 72.282 126.686
06 GRAG2 78.485 86.257 15 32 72.282 126.686 G
06 FC 78.485 86.257 41 43 126.686 134.458
06 CIC 26.773 34.545 41 43 126.686 134.458
01 RBBL1S to BE-F9 11/99
06 BE-F9 34.545 42.317 15 32 126.686 134.458
01 RBBL2S to BE-E9 updated from rinsc info 8/98
01 removed RB box 11/98 06 RBBL2E 45.351 52.135 9 26 126.686 134.458
01 removed 06 RB2 45.351 52.135 9 26 127.0417 134.1023
06 G-E9 44.857 52.629 15 32 126.686 134.458
06 RBBL3S 52.629 60.401 15 32 126.686 134.458
06 RBBL3E 53.123 59.907 15 32 126.686 134.458
06 RB3 53.123 59.907 15 32 127.0417 134.1023
06 RBBL4S 60.401 68.173 15 32 126.686 134.458
06 RBBL4E 60.895 67.679 15 32 126.686 134.458
06 RB4 60.895 67.679 15 32 127.0417 134.1023
06 RBBL5S 70.713 78.485 15 32 126.686 134.458

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06	RBBL5E	71.207	77.991	15	32	126.686	134.458
06	RB5	71.207	77.991	15	32	127.0417	134.1023
06	E3A	44.857	52.629	15	19	80.054	87.826
06	E4A	44.857	52.629	15	19	87.826	95.598
06	E5A	44.857	52.629	15	19	95.598	103.370
06	E6A	44.857	52.629	15	19	103.370	111.142
06	E7A	44.857	52.629	15	19	111.142	118.914
06	D3A	52.629	60.401	15	19	80.054	87.826
06	D4A	52.629	60.401	15	19	87.826	95.598
06	D6A	52.629	60.401	15	19	103.370	111.142
06	D7A	52.629	60.401	15	19	111.142	118.914
06	C3A	60.401	68.173	15	19	80.054	87.826
06	C4A	60.401	68.173	15	19	87.826	95.598
06	C5A	60.401	68.173	15	19	95.598	103.370
06	C6A	60.401	68.173	15	19	103.370	111.142
06	C7A	60.401	68.173	15	19	111.142	118.914
06	E3B	44.857	52.629	19	23	80.054	87.826
06	E4B	44.857	52.629	19	23	87.826	95.598
06	E5B	44.857	52.629	19	23	95.598	103.370
06	E6B	44.857	52.629	19	23	103.370	111.142
06	E7B	44.857	52.629	19	23	111.142	118.914
06	D3B	52.629	60.401	19	23	80.054	87.826
06	D4B	52.629	60.401	19	23	87.826	95.598
06	D6B	52.629	60.401	19	23	103.370	111.142
06	D7B	52.629	60.401	19	23	111.142	118.914
06	C3B	60.401	68.173	19	23	80.054	87.826
06	C4B	60.401	68.173	19	23	87.826	95.598
06	C5B	60.401	68.173	19	23	95.598	103.370
06	C6B	60.401	68.173	19	23	103.370	111.142
06	C7B	60.401	68.173	19	23	111.142	118.914
06	E3C	44.857	52.629	23	27	80.054	87.826
06	E4C	44.857	52.629	23	27	87.826	95.598
06	E5C	44.857	52.629	23	27	95.598	103.370
06	E6C	44.857	52.629	23	27	103.370	111.142
06	E7C	44.857	52.629	23	27	111.142	118.914
06	D3C	52.629	60.401	23	27	80.054	87.826
06	D4C	52.629	60.401	23	27	87.826	95.598
06	D6C	52.629	60.401	23	27	103.370	111.142
06	D7C	52.629	60.401	23	27	111.142	118.914
06	C3C	60.401	68.173	23	27	80.054	87.826
06	C4C	60.401	68.173	23	27	87.826	95.598
06	C5C	60.401	68.173	23	27	95.598	103.370
06	C6C	60.401	68.173	23	27	103.370	111.142
06	C7C	60.401	68.173	23	27	111.142	118.914
06	E3D	44.857	52.629	27	32	80.054	87.826
06	E4D	44.857	52.629	27	32	87.826	95.598
06	E5D	44.857	52.629	27	32	95.598	103.370
06	E6D	44.857	52.629	27	32	103.370	111.142
06	E7D	44.857	52.629	27	32	111.142	118.914
06	D3D	52.629	60.401	27	32	80.054	87.826
06	D4D	52.629	60.401	27	32	87.826	95.598
06	D6D	52.629	60.401	27	32	103.370	111.142
06	D7D	52.629	60.401	27	32	111.142	118.914
06	C3D	60.401	68.173	27	32	80.054	87.826
06	C4D	60.401	68.173	27	32	87.826	95.598
06	C5D	60.401	68.173	27	32	95.598	103.370
06	C6D	60.401	68.173	27	32	103.370	111.142
06	C7D	60.401	68.173	27	32	111.142	118.914
06	S1	44.857	45.7015	15	32	80.054	118.914
06	S2	51.7845	52.629	15	32	80.054	118.914
06	S3	52.629	53.4735	15	32	80.054	118.914
06	S4	59.5565	60.401	15	32	80.054	118.914
06	S5	60.401	61.2455	15	32	80.054	118.914
06	S6	67.3285	68.173	15	32	80.054	118.914
06	G1	42.317	44.857	15	32	64.51	70.086
06	G2	42.317	44.857	15	32	98.090	100.878
06	G3	42.317	44.857	15	32	128.882	134.458
06	G4	68.173	70.713	15	32	64.51	70.086
06	G5	68.173	70.713	15	32	98.090	100.878
06	G6	68.173	70.713	15	32	128.882	134.458
06	TRAP	52.629	60.401	15	32	95.598	103.370

01	flux trap size different 9/98 **									
01	06	HOLE	54.8265	58.2035		9	26	97.7955	101.1725	
06		HOLE	54.6861	58.3439	15	32	97.6551	101.3130		
01	G1 to G6 CR guide tubes									
06		CNTL1O	68.173	70.713	13	36	100.878	128.882		
06		CNTL2O	68.173	70.713	13	36	70.086	98.090		
06		CNTL3O	42.317	44.857	13	36	70.086	98.090		
06		CNTL4O	42.317	44.857	13	36	100.878	128.882		
06		CNTL1I	68.173	70.713	36	43	100.878	128.882		
06		CNTL2I	68.173	70.713	36	43	70.086	98.090		
06		CNTL3I	42.317	44.857	36	43	70.086	98.090		
06		CNTL4I	42.317	44.857	36	43	100.878	128.882		
06		BLADE1	69.11915	69.76685	36	43	101.507	128.253		
06		BLADE2	69.11915	69.76685	36	43	70.715	97.461		
06		BLADE3	43.26315	43.91085	36	43	70.715	97.461		
06		BLADE4	43.26315	43.91085	36	43	101.507	128.253		
06		REGOUT	52.629	60.401	13	43	72.282	80.054		
01	make the reg rod fully out 9/98 **									
06		REGIN1	52.629	60.401	36	43	72.282	80.054		
06		ROD1	53.816	59.214	36	43	73.46925	78.86675		
06		REGIN2	54.451	58.579	36	43	74.10425	78.23175		
07	E3	E3A	E3B	E3C	E3D					
07	E4	E4A	E4B	E4C	E4D					
07	E5	E5A	E5B	E5C	E5D					
07	E6	E6A	E6B	E6C	E6D					
07	E7	E7A	E7B	E7C	E7D					
07	D3	D3A	D3B	D3C	D3D					
07	D4	D4A	D4B	D4C	D4D					
07	D6	D6A	D6B	D6C	D6D					
07	D7	D7A	D7B	D7C	D7D					
07	C3	C3A	C3B	C3C	C3D					
07	C4	C4A	C4B	C4C	C4D					
07	C5	C5A	C5B	C5C	C5D					
07	C6	C6A	C6B	C6C	C6D					
07	C7	C7A	C7B	C7C	C7D					
07	FUEL	E3A	E3B	E3C	E3D					
07	FUEL	E4A	E4B	E4C	E4D					
07	FUEL	E5A	E5B	E5C	E5D					
07	FUEL	E6A	E6B	E6C	E6D					
07	FUEL	E7A	E7B	E7C	E7D					
07	FUEL	D3A	D3B	D3C	D3D					
07	FUEL	D4A	D4B	D4C	D4D					
07	FUEL	D6A	D6B	D6C	D6D					
07	FUEL	D7A	D7B	D7C	D7D					
07	FUEL	C3A	C3B	C3C	C3D					
07	FUEL	C4A	C4B	C4C	C4D					
07	FUEL	C5A	C5B	C5C	C5D					
07	FUEL	C6A	C6B	C6C	C6D					
07	FUEL	C7A	C7B	C7C	C7D					
09	X	4	11.430000	1	13.970000	1	26.085000			
09	X	1	26.352000	1	26.720000	1	26.773000			
09	X	1	27.940000	1	34.545000	1	35.039000			
09	X	1	41.823000	1	42.317000	1	43.263150			
09	X	2	43.910850	1	44.857000	1	45.351000			
09	X	1	45.701500	3	51.784500	1	52.135000			
09	X	1	52.629000	1	53.123000	1	53.473500			
09	X	1	53.816000	2	54.451000	1	54.686100			
09	X	2	58.343900	1	58.579000	2	59.214000			
09	X	1	59.556500	1	59.907000	1	60.401000			
09	X	1	60.895000	1	61.245500	3	67.328500			
09	X	1	67.679000	1	68.173000	1	69.119150			
09	X	2	69.766850	1	70.713000	1	71.207000			
09	X	1	77.991000	1	78.485000	1	85.090000			
09	X	1	86.257000	1	86.310000	1	86.678000			
09	X	1	86.945000	1	99.060000	1	101.600000			
09	X	1	113.030000							
09	Y	8	26.987	1	29.527	3	49.847			
09	Y	1	52.387	1	53.977	2	61.597			
09	Y	1	63.187	1	63.822	1	64.457			
09	Y	1	64.51	3	70.086	1	70.715			
09	Y	1	72.282	1	73.46925	2	74.10425			

09	Y	3	78.23175	2	78.86675									
09	Y	2	80.054	2	82.8145	1	85.0655							
09	Y	2	87.826	2	90.5865	1	92.8375							
09	Y	2	95.598	2	97.461	1	97.6551							
09	Y	1	98.090	1	100.878	1	101.3130							
09	Y	1	101.507											
09	Y	2	103.370	2	106.1305	1	108.3815							
09	Y	2	111.142	2	113.9025	1	116.1535							
09	Y	2	118.914											
09	Y	1	119.2697	3	126.3303	1	126.686							
09	Y	1	127.0417	1	128.253									
09	Y	1	128.882	1	134.1023									
09	Y	1	134.458	1	134.511	1	135.146							
09	Y	4	160.0											
09	Z	4	13.36	5	26.22									
09	Z	1	28.45	1	29.72									
09	Z	1	32.26	1	34.16	1	35.75							
09	Z	1	37.0175	14	88.690625	2	95.44							
09	Z	1	96.0725											
09	Z	1	97.35	1	103.38	1	107.503							
09	Z	1	110.510	1	116.08	1	117.35							
09	Z	1	119.89	2	137.39	2	158.94							
13	MEAT	U5F4	0	1.75523E-03	U8F4	0	7.04193E-03	ALF4	0	3.88984E-02				
13	MEAT	SIF4	0	5.94365E-03										
13	MEAT	FU6B	0	1.00000E-10	FP9B	0	1.00000E-10	FP0B	0	1.00000E-10				
13	MEAT	FP1B	0	1.00000E-10	FP2B	0	1.00000E-10	FXEB	0	1.00000E-10				
13	MEAT	FPMB	0	1.00000E-10	FSMB	0	1.00000E-10	FI5B	0	1.00000E-10				
13	MEAT	FPF1	0	1.00000E-10	ODUM	0	1.00000E-10							
13	MTE3A	U5F4	2	1.65355E-03	FU6B	2	1.78449E-05	U8F4	2	7.03268E-03	\$	E3A	5.79E+00	%
13	MTE3A	FP9B	2	3.73387E-07	FP0B	2	1.81780E-08	FP1B	2	2.91412E-06				
13	MTE3A	FP2B	2	1.72392E-07	FXEB	2	1.13310E-08	FI5B	2	1.68241E-08				
13	MTE3A	FPMB	2	2.30570E-08	FSMB	2	1.41022E-07	FPF1	2	9.19193E-05				
13	MTE3A	ODUM	0	4.25960E-06	ALF4	0	3.88984E-02	SIF4	0	5.94365E-03				
13	MTE3B	U5F4	3	1.60702E-03	FU6B	3	2.62962E-05	U8F4	3	7.02782E-03	\$	E3B	8.44E+00	%
13	MTE3B	FP9B	3	5.59923E-07	FP0B	3	4.01829E-08	FP1B	3	4.86078E-06				
13	MTE3B	FP2B	3	4.33866E-07	FXEB	3	1.31113E-08	FI5B	3	2.44166E-08				
13	MTE3B	FPMB	3	3.35076E-08	FSMB	3	1.38275E-07	FPF1	3	1.34228E-04				
13	MTE3B	ODUM	0	5.80841E-06	ALF4	0	3.88984E-02	SIF4	0	5.94365E-03				
13	MTE3C	U5F4	3	1.60633E-03	FU6B	3	2.64214E-05	U8F4	3	7.02782E-03	\$	E3C	8.48E+00	%
13	MTE3C	FP9B	3	5.62302E-07	FP0B	3	4.05473E-08	FP1B	3	4.89054E-06				
13	MTE3C	FP2B	3	4.38804E-07	FXEB	3	1.31307E-08	FI5B	3	2.45271E-08				
13	MTE3C	FPMB	3	3.36606E-08	FSMB	3	1.38227E-07	FPF1	3	1.34861E-04				
13	MTE3C	ODUM	0	5.83136E-06	ALF4	0	3.88984E-02	SIF4	0	5.94365E-03				
13	MTE3D	U5F4	2	1.65174E-03	FU6B	2	1.81780E-05	U8F4	2	7.03268E-03	\$	E3D	5.90E+00	%
13	MTE3D	FP9B	2	3.80236E-07	FP0B	2	1.88512E-08	FP1B	2	2.98783E-06				
13	MTE3D	FP2B	2	1.80146E-07	FXEB	2	1.14207E-08	FI5B	2	1.71161E-08				
13	MTE3D	FPMB	2	2.34583E-08	FSMB	2	1.41036E-07	FPF1	2	9.35744E-05				
13	MTE3D	ODUM	0	4.32156E-06	ALF4	0	3.88984E-02	SIF4	0	5.94365E-03				
13	MTE4A	U5F4	3	1.63261E-03	FU6B	3	2.19381E-05	U8F4	3	7.02990E-03	\$	E4A	6.99E+00	%
13	MTE4A	FP9B	3	4.91606E-07	FP0B	3	2.93421E-08	FP1B	3	3.78804E-06				
13	MTE4A	FP2B	3	2.76377E-07	FXEB	3	1.23359E-08	FI5B	3	2.03637E-08				
13	MTE4A	FPMB	3	2.79298E-08	FSMB	3	1.40369E-07	FPF1	3	1.11363E-04				
13	MTE4A	ODUM	0	5.00389E-06	ALF4	0	3.88984E-02	SIF4	0	5.94365E-03				
13	MTE4B	U5F4	4	1.57608E-03	FU6B	4	3.24298E-05	U8F4	4	7.02364E-03	\$	E4B	1.02E+01	%
13	MTE4B	FP9B	4	7.30737E-07	FP0B	4	6.44298E-08	FP1B	4	6.18387E-06				
13	MTE4B	FP2B	4	6.87114E-07	FXEB	4	1.39722E-08	FI5B	4	2.96050E-08				
13	MTE4B	FPMB	4	4.06718E-08	FSMB	4	1.36794E-07	FPF1	4	1.63046E-04				
13	MTE4B	ODUM	0	6.93700E-06	ALF4	0	3.88984E-02	SIF4	0	5.94365E-03				
13	MTE4C	U5F4	4	1.57524E-03	FU6B	4	3.25786E-05	U8F4	4	7.02295E-03	\$	E4C	1.03E+01	%
13	MTE4C	FP9B	4	7.33658E-07	FP0B	4	6.49882E-08	FP1B	4	6.21843E-06				
13	MTE4C	FP2B	4	6.94506E-07	FXEB	4	1.39882E-08	FI5B	4	2.97337E-08				
13	MTE4C	FPMB	4	4.08498E-08	FSMB	4	1.36732E-07	FPF1	4	1.63790E-04				
13	MTE4C	ODUM	0	6.96523E-06	ALF4	0	3.88984E-02	SIF4	0	5.94365E-03				
13	MTE4D	U5F4	3	1.63039E-03	FU6B	3	2.23533E-05	U8F4	3	7.02990E-03	\$	E4D	7.11E+00	%

13	MTE4D	FP9B	3	5.00146E-07	FP0B	3	3.04068E-08	FP1B	3	3.88185E-06			
13	MTE4D	FP2B	3	2.88832E-07	FXEB	3	1.24221E-08	FI5B	3	2.07239E-08			
13	MTE4D	FPMB	3	2.84249E-08	FSMB	3	1.40334E-07	PFP1	3	1.13408E-04			
13	MTE4D	ODUM	0	5.07983E-06	ALF4	0	3.88984E-02	SIF4	0	5.94365E-03			
13	MTE5A	U5F4	3	1.61815E-03	FU6B	3	2.44402E-05	U8F4	3	7.02851E-03	\$	E5A	7.81E+00 %
13	MTE5A	FP9B	3	5.18053E-07	FP0B	3	3.44708E-08	FP1B	3	4.39249E-06			
13	MTE5A	FP2B	3	3.60793E-07	FXEB	3	1.28143E-08	FI5B	3	2.26843E-08			
13	MTE5A	FPMB	3	3.11210E-08	FSMB	3	1.39221E-07	PFP1	3	1.24312E-04			
13	MTE5A	ODUM	0	5.46280E-06	ALF4	0	3.88984E-02	SIF4	0	5.94365E-03			
13	MTE5B	U5F4	4	1.55772E-03	FU6B	4	3.57163E-05	U8F4	4	7.02156E-03	\$	E5B	1.13E+01 %
13	MTE5B	FP9B	4	7.65090E-07	FP0B	4	7.43463E-08	FP1B	4	6.94889E-06			
13	MTE5B	FP2B	4	8.60709E-07	FXEB	4	1.42837E-08	FI5B	4	3.25369E-08			
13	MTE5B	FPMB	4	4.47191E-08	FSMB	4	1.35403E-07	PFP1	4	1.79631E-04			
13	MTE5B	ODUM	0	7.56120E-06	ALF4	0	3.88984E-02	SIF4	0	5.94365E-03			
13	MTE5C	U5F4	4	1.55681E-03	FU6B	4	3.58762E-05	U8F4	4	7.02156E-03	\$	E5C	1.13E+01 %
13	MTE5C	FP9B	4	7.68011E-07	FP0B	4	7.49722E-08	FP1B	4	6.98540E-06			
13	MTE5C	FP2B	4	8.69611E-07	FXEB	4	1.42969E-08	FI5B	4	3.26745E-08			
13	MTE5C	FPMB	4	4.49096E-08	FSMB	4	1.35341E-07	PFP1	4	1.80431E-04			
13	MTE5C	ODUM	0	7.59179E-06	ALF4	0	3.88984E-02	SIF4	0	5.94365E-03			
13	MTE5D	U5F4	3	1.61592E-03	FU6B	3	2.48665E-05	U8F4	3	7.02851E-03	\$	E5D	7.94E+00 %
13	MTE5D	FP9B	3	5.26704E-07	FP0B	3	3.56474E-08	FP1B	3	4.48866E-06			
13	MTE5D	FP2B	3	3.75424E-07	FXEB	3	1.28901E-08	FI5B	3	2.30494E-08			
13	MTE5D	FPMB	3	3.16238E-08	FSMB	3	1.39186E-07	PFP1	3	1.26398E-04			
13	MTE5D	ODUM	0	5.54061E-06	ALF4	0	3.88984E-02	SIF4	0	5.94365E-03			
13	MTE6A	U5F4	3	1.63039E-03	FU6B	3	2.23310E-05	U8F4	3	7.02990E-03	\$	E6A	7.11E+00 %
13	MTE6A	FP9B	3	4.99332E-07	FP0B	3	3.03401E-08	FP1B	3	3.87976E-06			
13	MTE6A	FP2B	3	2.88533E-07	FXEB	3	1.24179E-08	FI5B	3	2.07204E-08			
13	MTE6A	FPMB	3	2.84193E-08	FSMB	3	1.40216E-07	PFP1	3	1.13345E-04			
13	MTE6A	ODUM	0	5.07601E-06	ALF4	0	3.88984E-02	SIF4	0	5.94365E-03			
13	MTE6B	U5F4	4	1.57302E-03	FU6B	4	3.29764E-05	U8F4	4	7.02295E-03	\$	E6B	1.04E+01 %
13	MTE6B	FP9B	4	7.40890E-07	FP0B	4	6.64374E-08	FP1B	4	6.31036E-06			
13	MTE6B	FP2B	4	7.14325E-07	FXEB	4	1.40306E-08	FI5B	4	3.00897E-08			
13	MTE6B	FPMB	4	4.13414E-08	FSMB	4	1.36572E-07	PFP1	4	1.65779E-04			
13	MTE6B	ODUM	0	7.04033E-06	ALF4	0	3.88984E-02	SIF4	0	5.94365E-03			
13	MTE6C	U5F4	4	1.57218E-03	FU6B	4	3.31266E-05	U8F4	4	7.02295E-03	\$	E6C	1.04E+01 %
13	MTE6C	FP9B	4	7.43811E-07	FP0B	4	6.70070E-08	FP1B	4	6.34513E-06			
13	MTE6C	FP2B	4	7.21975E-07	FXEB	4	1.40459E-08	FI5B	4	3.02197E-08			
13	MTE6C	FPMB	4	4.15209E-08	FSMB	4	1.36509E-07	PFP1	4	1.66530E-04			
13	MTE6C	ODUM	0	7.06885E-06	ALF4	0	3.88984E-02	SIF4	0	5.94365E-03			
13	MTE6D	U5F4	3	1.62816E-03	FU6B	3	2.27531E-05	U8F4	3	7.02921E-03	\$	E6D	7.24E+00 %
13	MTE6D	FP9B	3	5.07955E-07	FP0B	3	3.14374E-08	FP1B	3	3.97538E-06			
13	MTE6D	FP2B	3	3.01495E-07	FXEB	3	1.25035E-08	FI5B	3	2.10862E-08			
13	MTE6D	FPMB	3	2.89235E-08	FSMB	3	1.40181E-07	PFP1	3	1.15431E-04			
13	MTE6D	ODUM	0	5.15320E-06	ALF4	0	3.88984E-02	SIF4	0	5.94365E-03			
13	MTE7A	U5F4	2	1.65042E-03	FU6B	2	1.84583E-05	U8F4	2	7.03268E-03	\$	E7A	5.97E+00 %
13	MTE7A	FP9B	2	3.87768E-07	FP0B	2	1.95160E-08	FP1B	2	3.04284E-06			
13	MTE7A	FP2B	2	1.86224E-07	FXEB	2	1.14958E-08	FI5B	2	1.73484E-08			
13	MTE7A	FPMB	2	2.37782E-08	FSMB	2	1.40960E-07	PFP1	2	9.48261E-05			
13	MTE7A	ODUM	0	4.37128E-06	ALF4	0	3.88984E-02	SIF4	0	5.94365E-03			
13	MTE7B	U5F4	3	1.60327E-03	FU6B	3	2.70730E-05	U8F4	3	7.02712E-03	\$	E7B	8.66E+00 %
13	MTE7B	FP9B	3	5.79110E-07	FP0B	3	4.27490E-08	FP1B	3	5.02142E-06			
13	MTE7B	FP2B	3	4.61537E-07	FXEB	3	1.32378E-08	FI5B	3	2.50494E-08			
13	MTE7B	FPMB	3	3.43804E-08	FSMB	3	1.38164E-07	PFP1	3	1.37754E-04			
13	MTE7B	ODUM	0	5.94771E-06	ALF4	0	3.88984E-02	SIF4	0	5.94365E-03			
13	MTE7C	U5F4	3	1.60257E-03	FU6B	3	2.71975E-05	U8F4	3	7.02712E-03	\$	E7C	8.70E+00 %
13	MTE7C	FP9B	3	5.81495E-07	FP0B	3	4.31245E-08	FP1B	3	5.05083E-06			
13	MTE7C	FP2B	3	4.66586E-07	FXEB	3	1.32559E-08	FI5B	3	2.51586E-08			
13	MTE7C	FPMB	3	3.45313E-08	FSMB	3	1.38115E-07	PFP1	3	1.38380E-04			
13	MTE7C	ODUM	0	5.97058E-06	ALF4	0	3.88984E-02	SIF4	0	5.94365E-03			

13	MTE7D	U5F4	3	1.64861E-03	FU6B	3	1.87907E-05	U8F4	3	7.03199E-03	\$	E7D	6.07E+00	%
13	MTE7D	FP9B	3	3.94708E-07	FP0B	3	2.02170E-08	FP1B	3	3.11620E-06				
13	MTE7D	FP2B	3	1.94249E-07	FXEB	3	1.15821E-08	FI5B	3	1.76377E-08				
13	MTE7D	FPMB	3	2.41759E-08	FSMB	3	1.40974E-07	PFP1	3	9.64673E-05				
13	MTE7D	ODUM	0	4.43289E-06	ALF4	0	3.88984E-02	SIF4	0	5.94365E-03				
13	MTD3A	U5F4	3	1.64889E-03	FU6B	3	1.89882E-05	U8F4	3	7.03199E-03	\$	D3A	6.06E+00	%
13	MTD3A	FP9B	3	4.31321E-07	FP0B	3	2.22497E-08	FP1B	3	3.11001E-06				
13	MTD3A	FP2B	3	1.94374E-07	FXEB	3	1.16502E-08	FI5B	3	1.76871E-08				
13	MTD3A	FPMB	3	2.42483E-08	FSMB	3	1.41892E-07	PFP1	3	9.65647E-05				
13	MTD3A	ODUM	0	4.46120E-06	ALF4	0	3.88984E-02	SIF4	0	5.94365E-03				
13	MTD3B	U5F4	3	1.60056E-03	FU6B	3	2.79444E-05	U8F4	3	7.02643E-03	\$	D3B	8.81E+00	%
13	MTD3B	FP9B	3	6.45097E-07	FP0B	3	4.89075E-08	FP1B	3	5.14597E-06				
13	MTD3B	FP2B	3	4.84986E-07	FXEB	3	1.34117E-08	FI5B	3	2.56147E-08				
13	MTD3B	FPMB	3	3.51662E-08	FSMB	3	1.39006E-07	PFP1	3	1.40737E-04				
13	MTD3B	ODUM	0	6.10376E-06	ALF4	0	3.88984E-02	SIF4	0	5.94365E-03				
13	MTD3C	U5F4	3	1.59986E-03	FU6B	3	2.80772E-05	U8F4	3	7.02573E-03	\$	D3C	8.85E+00	%
13	MTD3C	FP9B	3	6.47802E-07	FP0B	3	4.93470E-08	FP1B	3	5.17705E-06				
13	MTD3C	FP2B	3	4.90452E-07	FXEB	3	1.34305E-08	FI5B	3	2.57302E-08				
13	MTD3C	FPMB	3	3.53255E-08	FSMB	3	1.38950E-07	PFP1	3	1.41405E-04				
13	MTD3C	ODUM	0	6.12823E-06	ALF4	0	3.88984E-02	SIF4	0	5.94365E-03				
13	MTD3D	U5F4	3	1.64694E-03	FU6B	3	1.93449E-05	U8F4	3	7.03129E-03	\$	D3D	6.17E+00	%
13	MTD3D	FP9B	3	4.39110E-07	FP0B	3	2.30688E-08	FP1B	3	3.18915E-06				
13	MTD3D	FP2B	3	2.03206E-07	FXEB	3	1.17406E-08	FI5B	3	1.79986E-08				
13	MTD3D	FPMB	3	2.46759E-08	FSMB	3	1.41892E-07	PFP1	3	9.83241E-05				
13	MTD3D	ODUM	0	4.52733E-06	ALF4	0	3.88984E-02	SIF4	0	5.94365E-03				
13	MTD4A	U5F4	3	1.62364E-03	FU6B	3	2.38950E-05	U8F4	3	7.02851E-03	\$	D4A	7.50E+00	%
13	MTD4A	FP9B	3	5.51064E-07	FP0B	3	3.56036E-08	FP1B	3	4.17156E-06				
13	MTD4A	FP2B	3	3.30229E-07	FXEB	3	1.27531E-08	FI5B	3	2.19277E-08				
13	MTD4A	FPMB	3	3.00841E-08	FSMB	3	1.40974E-07	PFP1	3	1.19958E-04				
13	MTD4A	ODUM	0	5.35264E-06	ALF4	0	3.88984E-02	SIF4	0	5.94365E-03				
13	MTD4B	U5F4	4	1.56613E-03	FU6B	4	3.48748E-05	U8F4	4	7.02086E-03	\$	D4B	1.08E+01	%
13	MTD4B	FP9B	4	8.16133E-07	FP0B	4	7.66759E-08	FP1B	4	6.61634E-06				
13	MTD4B	FP2B	4	7.86579E-07	FXEB	4	1.42949E-08	FI5B	4	3.13804E-08				
13	MTD4B	FPMB	4	4.31293E-08	FSMB	4	1.37399E-07	PFP1	4	1.72907E-04				
13	MTD4B	ODUM	0	7.39499E-06	ALF4	0	3.88984E-02	SIF4	0	5.94365E-03				
13	MTD4C	U5F4	4	1.56530E-03	FU6B	4	3.50341E-05	U8F4	4	7.02086E-03	\$	D4C	1.08E+01	%
13	MTD4C	FP9B	4	8.19332E-07	FP0B	4	7.73296E-08	FP1B	4	6.65243E-06				
13	MTD4C	FP2B	4	7.94923E-07	FXEB	4	1.43095E-08	FI5B	4	3.15160E-08				
13	MTD4C	FPMB	4	4.33171E-08	FSMB	4	1.37337E-07	PFP1	4	1.73693E-04				
13	MTD4C	ODUM	0	7.42559E-06	ALF4	0	3.88984E-02	SIF4	0	5.94365E-03				
13	MTD4D	U5F4	3	1.62156E-03	FU6B	3	2.42907E-05	U8F4	3	7.02782E-03	\$	D4D	7.62E+00	%
13	MTD4D	FP9B	3	5.60355E-07	FP0B	3	3.67879E-08	FP1B	3	4.25800E-06				
13	MTD4D	FP2B	3	3.42865E-07	FXEB	3	1.28282E-08	FI5B	3	2.22587E-08				
13	MTD4D	FPMB	3	3.05403E-08	FSMB	3	1.40960E-07	PFP1	3	1.21843E-04				
13	MTD4D	ODUM	0	5.42483E-06	ALF4	0	3.88984E-02	SIF4	0	5.94365E-03				
13	MTD6A	U5F4	3	1.62149E-03	FU6B	3	2.42900E-05	U8F4	3	7.02782E-03	\$	D6A	7.62E+00	%
13	MTD6A	FP9B	3	5.59465E-07	FP0B	3	3.67441E-08	FP1B	3	4.26182E-06				
13	MTD6A	FP2B	3	3.43373E-07	FXEB	3	1.28268E-08	FI5B	3	2.22768E-08				
13	MTD6A	FPMB	3	3.05654E-08	FSMB	3	1.40828E-07	PFP1	3	1.21905E-04				
13	MTD6A	ODUM	0	5.42496E-06	ALF4	0	3.88984E-02	SIF4	0	5.94365E-03				
13	MTD6B	U5F4	4	1.56328E-03	FU6B	4	3.54061E-05	U8F4	4	7.02017E-03	\$	D6B	1.09E+01	%
13	MTD6B	FP9B	4	8.26843E-07	FP0B	4	7.88665E-08	FP1B	4	6.73463E-06				
13	MTD6B	FP2B	4	8.14186E-07	FXEB	4	1.43456E-08	FI5B	4	3.18373E-08				
13	MTD6B	FPMB	4	4.37615E-08	FSMB	4	1.37197E-07	PFP1	4	1.75494E-04				
13	MTD6B	ODUM	0	7.49722E-06	ALF4	0	3.88984E-02	SIF4	0	5.94365E-03				
13	MTD6C	U5F4	4	1.56245E-03	FU6B	4	3.55668E-05	U8F4	4	7.02017E-03	\$	D6C	1.10E+01	%
13	MTD6C	FP9B	4	8.30042E-07	FP0B	4	7.95271E-08	FP1B	4	6.77086E-06				
13	MTD6C	FP2B	4	8.22740E-07	FXEB	4	1.43602E-08	FI5B	4	3.19736E-08				
13	MTD6C	FPMB	4	4.39499E-08	FSMB	4	1.37135E-07	PFP1	4	1.76286E-04				
13	MTD6C	ODUM	0	7.52782E-06	ALF4	0	3.88984E-02	SIF4	0	5.94365E-03				

13	MTD6D	U5F4	3	1.61940E-03	FU6B	3	2.46926E-05	U8F4	3	7.02782E-03	\$	D6D	7.74E+00	%
13	MTD6D	FP9B	3	5.68832E-07	FP0B	3	3.79618E-08	FP1B	3	4.35000E-06				
13	MTD6D	FP2B	3	3.56509E-07	FXEB	3	1.29013E-08	FI5B	3	2.26140E-08				
13	MTD6D	FPMB	3	3.10292E-08	FSMB	3	1.40814E-07	PFP1	3	1.23832E-04				
13	MTD6D	ODUM	0	5.49847E-06	ALF4	0	3.88984E-02	SIF4	0	5.94365E-03				
13	MTD7A	U5F4	2	1.64986E-03	FU6B	2	1.90132E-05	U8F4	2	7.03129E-03	\$	D7A	6.00E+00	%
13	MTD7A	FP9B	2	4.48866E-07	FP0B	2	2.31224E-08	FP1B	2	3.07316E-06				
13	MTD7A	FP2B	2	1.91154E-07	FXEB	2	1.16558E-08	FI5B	2	1.75737E-08				
13	MTD7A	FPMB	2	2.40939E-08	FSMB	2	1.42378E-07	PFP1	2	9.59249E-05				
13	MTD7A	ODUM	0	4.45640E-06	ALF4	0	3.88984E-02	SIF4	0	5.94365E-03				
13	MTD7B	U5F4	3	1.60452E-03	FU6B	3	2.76168E-05	U8F4	3	7.02573E-03	\$	D7B	8.59E+00	%
13	MTD7B	FP9B	3	6.68825E-07	FP0B	3	4.98825E-08	FP1B	3	4.98957E-06				
13	MTD7B	FP2B	3	4.60264E-07	FXEB	3	1.33915E-08	FI5B	3	2.50800E-08				
13	MTD7B	FPMB	3	3.44325E-08	FSMB	3	1.39826E-07	PFP1	3	1.37684E-04				
13	MTD7B	ODUM	0	6.03387E-06	ALF4	0	3.88984E-02	SIF4	0	5.94365E-03				
13	MTD7C	U5F4	3	1.60382E-03	FU6B	3	2.77434E-05	U8F4	3	7.02573E-03	\$	D7C	8.63E+00	%
13	MTD7C	FP9B	3	6.71551E-07	FP0B	3	5.03150E-08	FP1B	3	5.01871E-06				
13	MTD7C	FP2B	3	4.65264E-07	FXEB	3	1.34103E-08	FI5B	3	2.51885E-08				
13	MTD7C	FPMB	3	3.45828E-08	FSMB	3	1.39777E-07	PFP1	3	1.38310E-04				
13	MTD7C	ODUM	0	6.05723E-06	ALF4	0	3.88984E-02	SIF4	0	5.94365E-03				
13	MTD7D	U5F4	3	1.64833E-03	FU6B	3	1.93241E-05	U8F4	3	7.03129E-03	\$	D7D	6.09E+00	%
13	MTD7D	FP9B	3	4.56725E-07	FP0B	3	2.39006E-08	FP1B	3	3.13866E-06				
13	MTD7D	FP2B	3	1.98449E-07	FXEB	3	1.17357E-08	FI5B	3	1.78338E-08				
13	MTD7D	FPMB	3	2.44513E-08	FSMB	3	1.42420E-07	PFP1	3	9.73992E-05				
13	MTD7D	ODUM	0	4.51363E-06	ALF4	0	3.88984E-02	SIF4	0	5.94365E-03				
13	MTC3A	U5F4	2	1.65362E-03	FU6B	2	1.78303E-05	U8F4	2	7.03268E-03	\$	C3A	5.79E+00	%
13	MTC3A	FP9B	2	3.73129E-07	FP0B	2	1.81509E-08	FP1B	2	2.91057E-06				
13	MTC3A	FP2B	2	1.72024E-07	FXEB	2	1.13268E-08	FI5B	2	1.68102E-08				
13	MTC3A	FPMB	2	2.30376E-08	FSMB	2	1.41029E-07	PFP1	2	9.18428E-05				
13	MTC3A	ODUM	0	4.25675E-06	ALF4	0	3.88984E-02	SIF4	0	5.94365E-03				
13	MTC3B	U5F4	3	1.60716E-03	FU6B	3	2.62740E-05	U8F4	3	7.02782E-03	\$	C3B	8.44E+00	%
13	MTC3B	FP9B	3	5.59562E-07	FP0B	3	4.01224E-08	FP1B	3	4.85542E-06				
13	MTC3B	FP2B	3	4.32990E-07	FXEB	3	1.31085E-08	FI5B	3	2.43971E-08				
13	MTC3B	FPMB	3	3.34805E-08	FSMB	3	1.38289E-07	PFP1	3	1.34110E-04				
13	MTC3B	ODUM	0	5.80438E-06	ALF4	0	3.88984E-02	SIF4	0	5.94365E-03				
13	MTC3C	U5F4	3	1.60647E-03	FU6B	3	2.63992E-05	U8F4	3	7.02782E-03	\$	C3C	8.48E+00	%
13	MTC3C	FP9B	3	5.61933E-07	FP0B	3	4.04868E-08	FP1B	3	4.88519E-06				
13	MTC3C	FP2B	3	4.37914E-07	FXEB	3	1.31273E-08	FI5B	3	2.45076E-08				
13	MTC3C	FPMB	3	3.36328E-08	FSMB	3	1.38241E-07	PFP1	3	1.34750E-04				
13	MTC3C	ODUM	0	5.82733E-06	ALF4	0	3.88984E-02	SIF4	0	5.94365E-03				
13	MTC3D	U5F4	2	1.65181E-03	FU6B	2	1.81620E-05	U8F4	2	7.03268E-03	\$	C3D	5.89E+00	%
13	MTC3D	FP9B	2	3.79972E-07	FP0B	2	1.88220E-08	FP1B	2	2.98414E-06				
13	MTC3D	FP2B	2	1.79757E-07	FXEB	2	1.14166E-08	FI5B	2	1.71015E-08				
13	MTC3D	FPMB	2	2.34388E-08	FSMB	2	1.41043E-07	PFP1	2	9.34910E-05				
13	MTC3D	ODUM	0	4.31864E-06	ALF4	0	3.88984E-02	SIF4	0	5.94365E-03				
13	MTC4A	U5F4	3	1.63275E-03	FU6B	3	2.19075E-05	U8F4	3	7.02990E-03	\$	C4A	6.98E+00	%
13	MTC4A	FP9B	3	4.91057E-07	FP0B	3	2.92684E-08	FP1B	3	3.78060E-06				
13	MTC4A	FP2B	3	2.75410E-07	FXEB	3	1.23296E-08	FI5B	3	2.03359E-08				
13	MTC4A	FPMB	3	2.78908E-08	FSMB	3	1.40382E-07	PFP1	3	1.11203E-04				
13	MTC4A	ODUM	0	4.99819E-06	ALF4	0	3.88984E-02	SIF4	0	5.94365E-03				
13	MTC4B	U5F4	4	1.57629E-03	FU6B	4	3.23846E-05	U8F4	4	7.02364E-03	\$	C4B	1.02E+01	%
13	MTC4B	FP9B	4	7.29972E-07	FP0B	4	6.42719E-08	FP1B	4	6.17309E-06				
13	MTC4B	FP2B	4	6.84833E-07	FXEB	4	1.39680E-08	FI5B	4	2.95647E-08				
13	MTC4B	FPMB	4	4.06161E-08	FSMB	4	1.36815E-07	PFP1	4	1.62809E-04				
13	MTC4B	ODUM	0	6.92844E-06	ALF4	0	3.88984E-02	SIF4	0	5.94365E-03				
13	MTC4C	U5F4	4	1.57545E-03	FU6B	4	3.25334E-05	U8F4	4	7.02364E-03	\$	C4C	1.02E+01	%
13	MTC4C	FP9B	4	7.32893E-07	FP0B	4	6.48289E-08	FP1B	4	6.20758E-06				
13	MTC4C	FP2B	4	6.92197E-07	FXEB	4	1.39833E-08	FI5B	4	2.96933E-08				
13	MTC4C	FPMB	4	4.07942E-08	FSMB	4	1.36752E-07	PFP1	4	1.63554E-04				

13	MTC4C	ODUM	0	6.95688E-06	ALF4	0	3.88984E-02	SIF4	0	5.94365E-03			
13	MTC4D	U5F4	3	1.63053E-03	FU6B	3	2.23213E-05	U8F4	3	7.02990E-03	\$	C4D	7.10E+00 %
13	MTC4D	FP9B	3	4.99583E-07	FP0B	3	3.03296E-08	FP1B	3	3.87420E-06			
13	MTC4D	FP2B	3	2.87809E-07	FXEB	3	1.24159E-08	FI5B	3	2.06954E-08			
13	MTC4D	FPMB	3	2.83853E-08	FSMB	3	1.40355E-07	PFP1	3	1.13248E-04			
13	MTC4D	ODUM	0	5.07399E-06	ALF4	0	3.88984E-02	SIF4	0	5.94365E-03			
13	MTC5A	U5F4	3	1.61857E-03	FU6B	3	2.43748E-05	U8F4	3	7.02851E-03	\$	C5A	7.79E+00 %
13	MTC5A	FP9B	3	5.16933E-07	FP0B	3	3.43039E-08	FP1B	3	4.37663E-06			
13	MTC5A	FP2B	3	3.58428E-07	FXEB	3	1.28032E-08	FI5B	3	2.26245E-08			
13	MTC5A	FPMB	3	3.10382E-08	FSMB	3	1.39256E-07	PFP1	3	1.23978E-04			
13	MTC5A	ODUM	0	5.45083E-06	ALF4	0	3.88984E-02	SIF4	0	5.94365E-03			
13	MTC5B	U5F4	4	1.55821E-03	FU6B	4	3.56217E-05	U8F4	4	7.02156E-03	\$	C5B	1.12E+01 %
13	MTC5B	FP9B	4	7.63560E-07	FP0B	4	7.39917E-08	FP1B	4	6.92650E-06			
13	MTC5B	FP2B	4	8.55285E-07	FXEB	4	1.42761E-08	FI5B	4	3.24520E-08			
13	MTC5B	FPMB	4	4.46015E-08	FSMB	4	1.35452E-07	PFP1	4	1.79145E-04			
13	MTC5B	ODUM	0	7.54242E-06	ALF4	0	3.88984E-02	SIF4	0	5.94365E-03			
13	MTC5C	U5F4	4	1.55737E-03	FU6B	4	3.57816E-05	U8F4	4	7.02156E-03	\$	C5C	1.13E+01 %
13	MTC5C	FP9B	4	7.66481E-07	FP0B	4	7.46175E-08	FP1B	4	6.96314E-06			
13	MTC5C	FP2B	4	8.64186E-07	FXEB	4	1.42893E-08	FI5B	4	3.25890E-08			
13	MTC5C	FPMB	4	4.47914E-08	FSMB	4	1.35382E-07	PFP1	4	1.79944E-04			
13	MTC5C	ODUM	0	7.57371E-06	ALF4	0	3.88984E-02	SIF4	0	5.94365E-03			
13	MTC5D	U5F4	3	1.61627E-03	FU6B	3	2.47997E-05	U8F4	3	7.02851E-03	\$	C5D	7.92E+00 %
13	MTC5D	FP9B	3	5.25563E-07	FP0B	3	3.54729E-08	FP1B	3	4.47232E-06			
13	MTC5D	FP2B	3	3.72949E-07	FXEB	3	1.28790E-08	FI5B	3	2.29882E-08			
13	MTC5D	FPMB	3	3.15389E-08	FSMB	3	1.39221E-07	PFP1	3	1.26050E-04			
13	MTC5D	ODUM	0	5.52823E-06	ALF4	0	3.88984E-02	SIF4	0	5.94365E-03			
13	MTC6A	U5F4	3	1.63115E-03	FU6B	3	2.22017E-05	U8F4	3	7.02990E-03	\$	C6A	7.07E+00 %
13	MTC6A	FP9B	3	4.97086E-07	FP0B	3	3.00257E-08	FP1B	3	3.84847E-06			
13	MTC6A	FP2B	3	2.84374E-07	FXEB	3	1.23908E-08	FI5B	3	2.05994E-08			
13	MTC6A	FPMB	3	2.82538E-08	FSMB	3	1.40278E-07	PFP1	3	1.12677E-04			
13	MTC6A	ODUM	0	5.05202E-06	ALF4	0	3.88984E-02	SIF4	0	5.94365E-03			
13	MTC6B	U5F4	4	1.57413E-03	FU6B	4	3.27823E-05	U8F4	4	7.02295E-03	\$	C6B	1.03E+01 %
13	MTC6B	FP9B	4	7.37691E-07	FP0B	4	6.57573E-08	FP1B	4	6.26405E-06			
13	MTC6B	FP2B	4	7.04381E-07	FXEB	4	1.40111E-08	FI5B	4	2.99138E-08			
13	MTC6B	FPMB	4	4.10987E-08	FSMB	4	1.36662E-07	PFP1	4	1.64784E-04			
13	MTC6B	ODUM	0	7.00348E-06	ALF4	0	3.88984E-02	SIF4	0	5.94365E-03			
13	MTC6C	U5F4	4	1.57330E-03	FU6B	4	3.29319E-05	U8F4	4	7.02295E-03	\$	C6C	1.04E+01 %
13	MTC6C	FP9B	4	7.40612E-07	FP0B	4	6.63206E-08	FP1B	4	6.29861E-06			
13	MTC6C	FP2B	4	7.11892E-07	FXEB	4	1.40264E-08	FI5B	4	3.00431E-08			
13	MTC6C	FPMB	4	4.12768E-08	FSMB	4	1.36606E-07	PFP1	4	1.65529E-04			
13	MTC6C	ODUM	0	7.03199E-06	ALF4	0	3.88984E-02	SIF4	0	5.94365E-03			
13	MTC6D	U5F4	3	1.62893E-03	FU6B	3	2.26196E-05	U8F4	3	7.02990E-03	\$	C6D	7.20E+00 %
13	MTC6D	FP9B	3	5.05668E-07	FP0B	3	3.11099E-08	FP1B	3	3.94318E-06			
13	MTC6D	FP2B	3	2.97128E-07	FXEB	3	1.24771E-08	FI5B	3	2.09631E-08			
13	MTC6D	FPMB	3	2.87538E-08	FSMB	3	1.40243E-07	PFP1	3	1.14736E-04			
13	MTC6D	ODUM	0	5.12865E-06	ALF4	0	3.88984E-02	SIF4	0	5.94365E-03			
13	MTC7A	U5F4	2	1.65243E-03	FU6B	2	1.81057E-05	U8F4	2	7.03268E-03	\$	C7A	5.86E+00 %
13	MTC7A	FP9B	2	3.83407E-07	FP0B	2	1.89235E-08	FP1B	2	2.95918E-06			
13	MTC7A	FP2B	2	1.77364E-07	FXEB	2	1.14019E-08	FI5B	2	1.70167E-08			
13	MTC7A	FPMB	2	2.33227E-08	FSMB	2	1.41127E-07	PFP1	2	9.29833E-05			
13	MTC7A	ODUM	0	4.30501E-06	ALF4	0	3.88984E-02	SIF4	0	5.94365E-03			
13	MTC7B	U5F4	3	1.60626E-03	FU6B	3	2.65522E-05	U8F4	3	7.02782E-03	\$	C7B	8.49E+00 %
13	MTC7B	FP9B	3	5.72976E-07	FP0B	3	4.14638E-08	FP1B	3	4.89520E-06			
13	MTC7B	FP2B	3	4.40313E-07	FXEB	3	1.31599E-08	FI5B	3	2.45695E-08			
13	MTC7B	FPMB	3	3.37197E-08	FSMB	3	1.38414E-07	PFP1	3	1.35063E-04			
13	MTC7B	ODUM	0	5.85216E-06	ALF4	0	3.88984E-02	SIF4	0	5.94365E-03			
13	MTC7C	U5F4	3	1.60563E-03	FU6B	3	2.66745E-05	U8F4	3	7.02782E-03	\$	C7C	8.52E+00 %
13	MTC7C	FP9B	3	5.75334E-07	FP0B	3	4.18282E-08	FP1B	3	4.92406E-06			
13	MTC7C	FP2B	3	4.45139E-07	FXEB	3	1.31787E-08	FI5B	3	2.46766E-08			

13	MTC7C	FPMB	3	3.38679E-08FSMB	3	1.38366E-07PFP1	3	1.35682E-04	
13	MTC7C	ODUM	0	5.87455E-06ALF4	0	3.88984E-02SIF4	0	5.94365E-03	
13	MTC7D	U5F4	2	1.65070E-03FU6B	2	1.84325E-05U8F4	2	7.03268E-03	\$ C7D 5.96E+00 %
13	MTC7D	FP9B	2	3.90278E-07FP0B	2	1.96036E-08FP1B	2	3.03102E-06	
13	MTC7D	FP2B	2	1.85035E-07FXEB	2	1.14882E-08FI5B	2	1.73011E-08	
13	MTC7D	FPMB	2	2.37135E-08FSMB	2	1.41140E-07PFP1	2	9.45967E-05	
13	MTC7D	ODUM	0	4.36565E-06ALF4	0	3.88984E-02SIF4	0	5.94365E-03	
13	CLAD	ALF4	0	6.02669E-02B10F	0	2.98636E-07B11F	0	1.21115E-06	
13	MOD	HFT9	0	6.68610E-02OFT9	0	3.34305E-02			
01	water in Be, G and Radiation Basket different from Ken's setup 9/98								
13	H2OBE	BE-H	0	6.68610E-02BE-O	0	3.34305E-02			
13	H2OG	G-H	0	6.68610E-02G-O	0	3.34305E-02			
13	H2ORB	RB-H	0	6.68610E-02RB-O	0	3.34305E-02			
13	H2OR	HH2O	0	6.68610E-02OH2O	0	3.34305E-02			
01	13	different Graphite density 9/98							
01	13	GRAF	GRAF	0	8.52340E-02				
13	GRAF	GRAF	0	8.02300E-02					
13	H2OS	HS4	0	6.68610E-02OS4	0	3.34305E-02			
13	H2OCR	CRH	0	6.68610E-02CRO	0	3.34305E-02			
13	ALS	ALS4	0	6.02669E-02B10S	0	2.98636E-07B11S	0	1.21115E-06	
13	ALCR	CRAL	0	6.02669E-02B10S	0	2.98636E-07B11S	0	1.21115E-06	
13	ALB	ALB	0	6.02669E-02B10B	0	2.98636E-07B11B	0	1.21115E-06	
13	ALBX	ALB	0	5.60774E-02SIB	0	4.06809E-03MGB	0	2.01411E-04	
13	LEAD	PBS	0	3.29620E-02					
13	BE	BET	0	1.23640E-01					
13	ALP	ALT	0	6.02669E-02					
14	FE3A	MTE3A	0.14380	CLAD	0.21570	MOD	0.64050		
14	FE3B	MTE3B	0.14380	CLAD	0.21570	MOD	0.64050		
14	FE3C	MTE3C	0.14380	CLAD	0.21570	MOD	0.64050		
14	FE3D	MTE3D	0.14380	CLAD	0.21570	MOD	0.64050		
14	FE4A	MTE4A	0.14380	CLAD	0.21570	MOD	0.64050		
14	FE4B	MTE4B	0.14380	CLAD	0.21570	MOD	0.64050		
14	FE4C	MTE4C	0.14380	CLAD	0.21570	MOD	0.64050		
14	FE4D	MTE4D	0.14380	CLAD	0.21570	MOD	0.64050		
14	FE5A	MTE5A	0.14380	CLAD	0.21570	MOD	0.64050		
14	FE5B	MTE5B	0.14380	CLAD	0.21570	MOD	0.64050		
14	FE5C	MTE5C	0.14380	CLAD	0.21570	MOD	0.64050		
14	FE5D	MTE5D	0.14380	CLAD	0.21570	MOD	0.64050		
14	FE6A	MTE6A	0.14380	CLAD	0.21570	MOD	0.64050		
14	FE6B	MTE6B	0.14380	CLAD	0.21570	MOD	0.64050		
14	FE6C	MTE6C	0.14380	CLAD	0.21570	MOD	0.64050		
14	FE6D	MTE6D	0.14380	CLAD	0.21570	MOD	0.64050		
14	FE7A	MTE7A	0.14380	CLAD	0.21570	MOD	0.64050		
14	FE7B	MTE7B	0.14380	CLAD	0.21570	MOD	0.64050		
14	FE7C	MTE7C	0.14380	CLAD	0.21570	MOD	0.64050		
14	FE7D	MTE7D	0.14380	CLAD	0.21570	MOD	0.64050		
14	FD3A	MTD3A	0.14380	CLAD	0.21570	MOD	0.64050		
14	FD3B	MTD3B	0.14380	CLAD	0.21570	MOD	0.64050		
14	FD3C	MTD3C	0.14380	CLAD	0.21570	MOD	0.64050		
14	FD3D	MTD3D	0.14380	CLAD	0.21570	MOD	0.64050		
14	FD4A	MTD4A	0.14380	CLAD	0.21570	MOD	0.64050		
14	FD4B	MTD4B	0.14380	CLAD	0.21570	MOD	0.64050		
14	FD4C	MTD4C	0.14380	CLAD	0.21570	MOD	0.64050		
14	FD4D	MTD4D	0.14380	CLAD	0.21570	MOD	0.64050		
14	FD6A	MTD6A	0.14380	CLAD	0.21570	MOD	0.64050		
14	FD6B	MTD6B	0.14380	CLAD	0.21570	MOD	0.64050		
14	FD6C	MTD6C	0.14380	CLAD	0.21570	MOD	0.64050		
14	FD6D	MTD6D	0.14380	CLAD	0.21570	MOD	0.64050		
14	FD7A	MTD7A	0.14380	CLAD	0.21570	MOD	0.64050		
14	FD7B	MTD7B	0.14380	CLAD	0.21570	MOD	0.64050		
14	FD7C	MTD7C	0.14380	CLAD	0.21570	MOD	0.64050		
14	FD7D	MTD7D	0.14380	CLAD	0.21570	MOD	0.64050		
14	FC3A	MTC3A	0.14380	CLAD	0.21570	MOD	0.64050		
14	FC3B	MTC3B	0.14380	CLAD	0.21570	MOD	0.64050		
14	FC3C	MTC3C	0.14380	CLAD	0.21570	MOD	0.64050		
14	FC3D	MTC3D	0.14380	CLAD	0.21570	MOD	0.64050		
14	FC4A	MTC4A	0.14380	CLAD	0.21570	MOD	0.64050		
14	FC4B	MTC4B	0.14380	CLAD	0.21570	MOD	0.64050		
14	FC4C	MTC4C	0.14380	CLAD	0.21570	MOD	0.64050		

14	FC4D	MTC4D	0.14380	CLAD	0.21570	MOD	0.64050
14	FC5A	MTC5A	0.14380	CLAD	0.21570	MOD	0.64050
14	FC5B	MTC5B	0.14380	CLAD	0.21570	MOD	0.64050
14	FC5C	MTC5C	0.14380	CLAD	0.21570	MOD	0.64050
14	FC5D	MTC5D	0.14380	CLAD	0.21570	MOD	0.64050
14	FC6A	MTC6A	0.14380	CLAD	0.21570	MOD	0.64050
14	FC6B	MTC6B	0.14380	CLAD	0.21570	MOD	0.64050
14	FC6C	MTC6C	0.14380	CLAD	0.21570	MOD	0.64050
14	FC6D	MTC6D	0.14380	CLAD	0.21570	MOD	0.64050
14	FC7A	MTC7A	0.14380	CLAD	0.21570	MOD	0.64050
14	FC7B	MTC7B	0.14380	CLAD	0.21570	MOD	0.64050
14	FC7C	MTC7C	0.14380	CLAD	0.21570	MOD	0.64050
14	FC7D	MTC7D	0.14380	CLAD	0.21570	MOD	0.64050
01	Be block, Graphite block, and Be plug composition are different 9/18						
01	14	BEBLK H2OBE	0.04178	BE	0.95822		
01	14	BETRP H2OBE	0.03873	BE	0.96127		
01	14	REFGR H2OG	0.14165	ALB	0.07113	GRAF	0.78722
14		BEBLK H2OBE	0.04620	BE	0.95380		
14		BETPI H2OBE	0.08942	BE	0.91058		
14		BETPO H2OBE	0.02478	BE	0.97522		
14		REFGR H2OG	0.07348	ALB	0.03922	GRAF	0.88730
01	sideplate composition is different 9/98						
01	14	SIDES H2OS	0.32360	ALS	0.67640		
14		SIDES H2OS	0.29235	ALS	0.70765		
14		AXH2O H2ORB	0.77100	ALB	0.05315	ALBX	0.17585
14		CNTL H2OS	0.76496	ALS	0.23504		
01	Reg rod out composition is different 9/98						
01	14	REGO H2OS	0.68347	ALS	0.31653		
14		REGO H2OCR	0.84580	ALCR	0.15420		
14		REGI1 H2OCR	0.16000	ALCR	0.84000		
14		REGI2 H2OCR	0.91000	ALCR	0.09000		
01	SS 304						
14		ROD CRSS	0 1.75980E-02	MNSS	0 1.75320E-03	FESS	0 5.85050E-02
14		ROD NISS	0 8.20290E-03	SISS	0 1.71470E-03		
01	CNTL0 use detail CR xs for water, composition same 9/98						
14		CNTLO H2OCR	0.76496	ALCR	0.23504		
14		CNTLI H2OS	0.53238	ALS	0.46762		
14		BLADE B10C	0 7.92800E-03	B11C	0 3.21530E-02	C12C	0 1.00200E-02
14		BLADE ALC	0 3.81090E-02				
14		POSTS H2ORB	0.50	ALB	0.50		
14		BLOK1 H2ORB	0.04316	ALS	0.95684		
14		BLOK2 H2ORB	0.57127	ALS	0.42873		
14		BLOK3 H2ORB	0.01065	BE	0.98935		
01	plug not used 14 PLUG ALP 1.0						
14		GBOX H2ORB	0.37264	ALB	0.62726		
14		GRID H2ORB	0.60	ALB	0.40		
14		REFH2OH2OR	1.0				
14		GUIDE ALCR	1.0				
14		BOX ALB	1.0				
14		SHIELDLEAD	1.0				
14		THERM GRAF	1.0				
15		SIDES S1	S2	S3	S4	S5	S6
15		REFH2OH2OR	FOH2OR	FIFC	RB3	RB4	RB5
15		BETPO	TRAP				CIC
15		BETPI	HOLE				
15		REGO	REGOUT				
15		REGI1	REGIN1				
15		REGI2	REGIN2				
15		ROD	ROD1				
01	removed RBBL2S & RBBL2E, replace with G-E9						
15		BLOK1	RBBL3SRBBL4SRBBL5S				
15		BLOK2	RBBL3ERBBL4ERBBL5E				
15		BEBLK	BEF5A BEF6A BEEC8	BE-E2			
15		BEBLK	BE-C2	BE-F9			
15		GRID	GRID				
15		AXH2O	AXREFTAXREFB				
15		GUIDE	G1	G2	G3	G4	G5
15						G6	G-E9
15		CNTLO	CNTL1OCNTL2OCNTL3OCNTL4O				
15		CNTLI	CNTL1ICNTL2ICNTL3ICNTL4I				
15		BLADE	BLADE1BLADE2BLADE3BLADE4				
15		REFGR	GRAF1	GRAF5	GRAF6	GRAG1	GRAG2

15	REFGR	G-E9				
15	GBOX	GSBOX				
15	SHIELDSHIELD					
15	THERM	TC1	TC2			
15	POSTS	POST3	POST4	POST1	POST2	
15	BOX	GBOX	TCB1	TCB2		
15	FE3A	E3A				
15	FE3B	E3B				
15	FE3C	E3C				
15	FE3D	E3D				
15	FE4A	E4A				
15	FE4B	E4B				
15	FE4C	E4C				
15	FE4D	E4D				
15	FE5A	E5A				
15	FE5B	E5B				
15	FE5C	E5C				
15	FE5D	E5D				
15	FE6A	E6A				
15	FE6B	E6B				
15	FE6C	E6C				
15	FE6D	E6D				
15	FE7A	E7A				
15	FE7B	E7B				
15	FE7C	E7C				
15	FE7D	E7D				
15	FD3A	D3A				
15	FD3B	D3B				
15	FD3C	D3C				
15	FD3D	D3D				
15	FD4A	D4A				
15	FD4B	D4B				
15	FD4C	D4C				
15	FD4D	D4D				
15	FD6A	D6A				
15	FD6B	D6B				
15	FD6C	D6C				
15	FD6D	D6D				
15	FD7A	D7A				
15	FD7B	D7B				
15	FD7C	D7C				
15	FD7D	D7D				
15	FC3A	C3A				
15	FC3B	C3B				
15	FC3C	C3C				
15	FC3D	C3D				
15	FC4A	C4A				
15	FC4B	C4B				
15	FC4C	C4C				
15	FC4D	C4D				
15	FC5A	C5A				
15	FC5B	C5B				
15	FC5C	C5C				
15	FC5D	C5D				
15	FC6A	C6A				
15	FC6B	C6B				
15	FC6C	C6C				
15	FC6D	C6D				
15	FC7A	C7A				
15	FC7B	C7B				
15	FC7C	C7C				
15	FC7D	C7D				
34	BLADE	-4.11428E-01	3	2.57877E+00		4
34	BLADE	9.15215E+01	5	2.02441E+03		6
34	BLADE	4.19631E+05	7			
35	ADJB	0.0	.44189	0.0	.44189	3
35	ADJB	0.0	.10218	0.0	.10218	4
35	ADJB	0.0	.08354	0.0	.08354	5
35	ADJB	0.0	.07663	0.0	.07663	6
35	ADJB	0.0	.07598	0.0	.07598	7
36	ADJB	BLADE				

