88 93
FD fan A B
SecAirDuct E 2.9 W 3.1 ?

r2

ABT- predicted outer air register settings for air flow balancing

4/20/04

NOTE: U2 Spring Outage, 3/2004 ABT burners replaced and BPI overfire air added plus installed windbox baffles

			UNIT 2 Outer Air Register	initial settings	
Front	Pulv	1	11.0	**8.1**	3.6
		2	11.0	**7.8**	
	E	3	11.0	**7.6**	min
		4	11.0	**7.6**	min
		5	11.0	**7.8**	
		6	11.0	**8.1**	
Small	Pulv	1	11.0	**8.7**	~~3.7~~
		2	11.0	**8.4**	
	A	3	11.0	**8.2**	
		4	11.0	**8.2**	
		5	11.0	**8.4**	
		6	11.0	**8.7**	
	Pulv	1	11.0	**8.5**	3.7 ↓
		2	11.0	**8.1**	
	F	3	11.0	**8.0**	
		4	11.0	**8.0**	
		5	11.0	**8.1**	
		6	11.0	**8.5**	
Small	Pulv	1	11.0	**9.7**	3.4
		2	11.0	**9.3**	
	B	3	11.0	**9.1**	
		4	11.0	**9.1**	
		5	11.0	**9.3**	
		6	11.0	**9.7**	
			ave	8.4	

			Outer Air Register	initial settings	
Rear	Pulv	1	11.0	**9.2**	3.7
		2	11.0	**8.8**	
	D	3	11.0	**8.6**	
		4	11.0	**8.6**	
		5	11.0	**8.8**	
		6	11.0	**9.2**	
	Pulv	1	11.0	**9.9**	3.7
		2	11.0	**9.5**	
	H	3	11.0	**9.3**	
		4	11.0	**9.3**	
		5	11.0	**9.5**	
		6	11.0	**9.9**	
	Pulv	1	11.0	**9.6**	3.9 ↓
		2	11.0	**9.2**	
	C	3	11.0	**9.0**	
		4	11.0	**9.0**	
		5	11.0	**9.2**	
		6	11.0	**9.6**	
	Pulv	1	11.0	**11.0**	max ?
		2	11.0	**10.6**	2.7
	G	3	11.0	**10.3**	need to increase
		4	11.0	**10.3**	
		5	11.0	**10.6**	
		6	11.0	**11.0**	max
			ave	9.6	**9.0**

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BIAS:

										F	R
Front to Rear BIAS	Rear	1.00	Front	0.88 ~~.88~~						.88	1.0 ok
Top to Bottom BIAS	1st- B/ G	1.00	2nd- F/ C	~~0.92~~	3rd- A/ H	0.90	4th- E/ D	0.88		4 ~~.88~~ .86	
Side to Side BIAS (**w/ baffles**)	Out- 1/ 6	1.00	Mid- 2/ 5	0.96	Inner- 3/ 4	0.94				3 ~~.90~~ .88	
Windbow Sizing Bias (rows 1& 3	1st& 3rd	1.00	2nd & 4th	0.95						2 ~~.91~~ .88	
										1 1.0	

Side to Side (need more air to west from east)

Profile - due we need more air to outsides

E 100% 96% 94% | 94% 96% 100%
~~8~~ 6 8 10 8

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