CR 3.0 / 2.5 / 2.0 / 1.5

Test #5

2.5 target

Drop O_2 / airflow 86 / 84 1/2

dropped

leave OFA same 12% 2/3 dampers throttled

Test Start 345-445 (or 500)

		450pm
11.9% OFA @ 400pm		
952MW		952
001/55		1005/92
991/989	RH 100/100	1004/1001 100/100
343 tph		334
O_2 2.6/2.6 set 55.5		2.5/2.7 55.5
air 82.4		air 81.9
SA % 75.1/75.8	@420pm	74.3/75.1
NOx 0.386 / 240/232	.3738	0.386
SO_2 in 392 coming up coal supply		386

Cntrl	@445		CO kept spreading during test
CO E/W	~~3.5~~ 84/78	186/182	
O_2	3.5	2.3	
CO_2	14.76	14.94	high? co down/O_2 down
NOx	155.8	305.4	check calibration/flow meter/etc
Stack CO	205		

IP7_038090

TEST DAY I Summary

Coal Source? Find out

NOx tough to achieve <.37 #/mbtu
CO tough to achieve <100 ppm

- everything worked out pretty well
  supported w/ PulV IF interstage cooling

Need to twick set point during the day
either airflow or O_2 ~~set~~ actual
~~requirement~~
O_2 changes due to change in fuel
+ changes in overfire air (draw from air to furnace)

Dead off for CO
below CR O_2 2.5% / O_2 test grid 3.0

2/3 closed

FINAL TEST

9/6/03 @ 1710

Fairly balanced

OFA 7.7%

B dampers @ 40% flows

all the same

SW 138
SE 134
NW 141
NE 138

total 544 flow

NOx ~~38~~ 42

O_2 ~2.5

B dampers @ 50%

all the same

SW 162
SE 164
NW 166
NE 158

648

OFA ~~8.0~~% drifted up 9.3

Note @ 58% created E/W ~~bias~~/split

Breakover