MEMO

Burner Alarm Points

SGC approval

Draft route to Bill M, Cecil James, Jim N, Jerry H

Please authorize us to proceed with burner alarm pt changes. Existing alarms need to be changed to be more effective in identifying ~~on going~~ operational problems

(3) Burner Backplate Temp 1250F max
(lowered from 1350 F)

Why Due to modifications (PS + bal)

Action If backplate temps exceed 1250F, increase cooling air quantity to o/s windbox by opening secondary air dampers (windbox)

(1) Burner Nozzle Temp 1050 max

Why

Action ① Send operator up to physically verify

Pulv/Burner Instructions

If a burner line fire, verify locally that there is a ~~problem~~ burner line fire ~~oppo~~ (no instr problems)

1) ~~trip pulv~~ decrease primary air flow (increase fuel rich mixture)

2) trip Pulv loaded

1) Safety prevent possibly explosion

~~[illegible]~~

3) inert pulv immediately

4) Let burner line fire, burn out on own

5) Inspect diffuser/nozzle

6) ~~Isolate~~ burner line if diffuser gone or extensive nozzle damage

7) Derate pulv

8) WO replacement for next outage

(2)

Same as 1

flame stabilizer Vortex

↑ sec air cooldown

Gale

cc: Operations
Maint
Brook

22-141 50 SHEETS
22-142 100 SHEETS
22-144 200 SHEETS
AMPAD