Conference Call.

Platen
Extension
6-10-02

Excess Air

Blue: 20% → 18% for that zone. (?)
2½% vs. 3%
JNL: ↳ for NOx
Higher Excess Air w/ NOx ports.

NOx Ports vs. Burners.
Air Pressure will be the same as duct pressure.
Air Reqd is a function of Altitude, boiler width.
Must "punch through the gas stream" to mix.
Air balance - NOx ports vs. burners.
perforated "shrouds" on each burner.

5"-6" more than present. 1.05 stoichiometry.

NOx Predictors { Fixed Nitrogen-to-Volatiles ratio
O_2 content.
10-15% reduction in NOx with over-fire-air. (OFA)

NOx Ports 30-36" diameter.

(1.18 X Stoichiometry) > (1.05 X Stoich @ Burners) ⇒ 13% into NOx ports.

IP7_036178