Comments before the

*Technical Study Panel on the Utilization of Belt Air*

*Birmingham, Alabama*

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Air Leakage From Intake to Both Return & Belt

Ventilating Belt Entry Outby
Belt Air Used in Faces

Ventilating Belt Entry Inby

Sketch B
In Summary, why is belt air necessary?

-- Need for greater volumes of air at the face . . . .

-- Greater distances that result in greater leakage . . . .

-- Pressure differences that make it difficult to make airflow go away from the faces, such as gob pressures . .

-- Geologic conditions, over/under mining pressure zones, narrow corridors for access, old workings limit the number of entries . . . .

-- Improvements in face ventilation characteristics . . . .

-- Special projects such as new mines moving from Part 77 to Part 75 . . . .