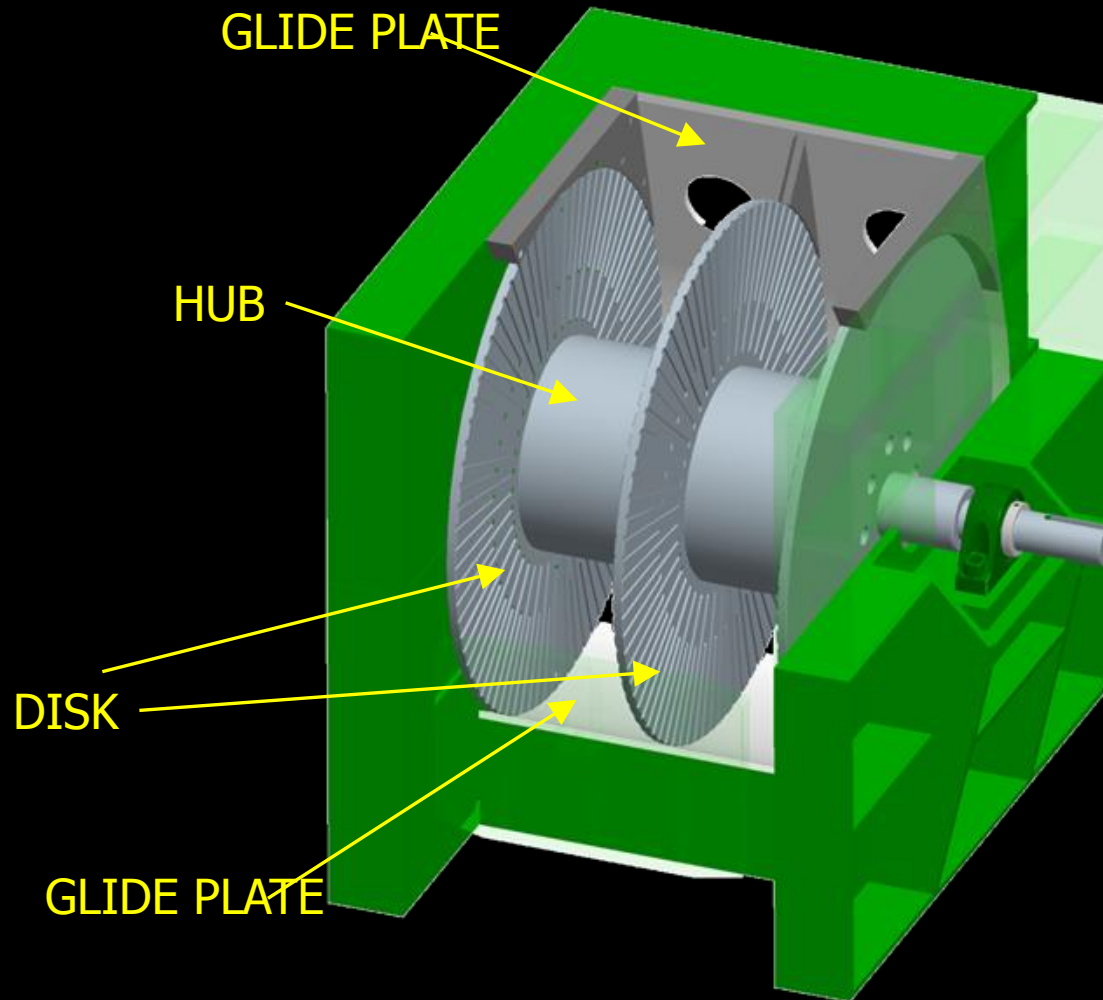
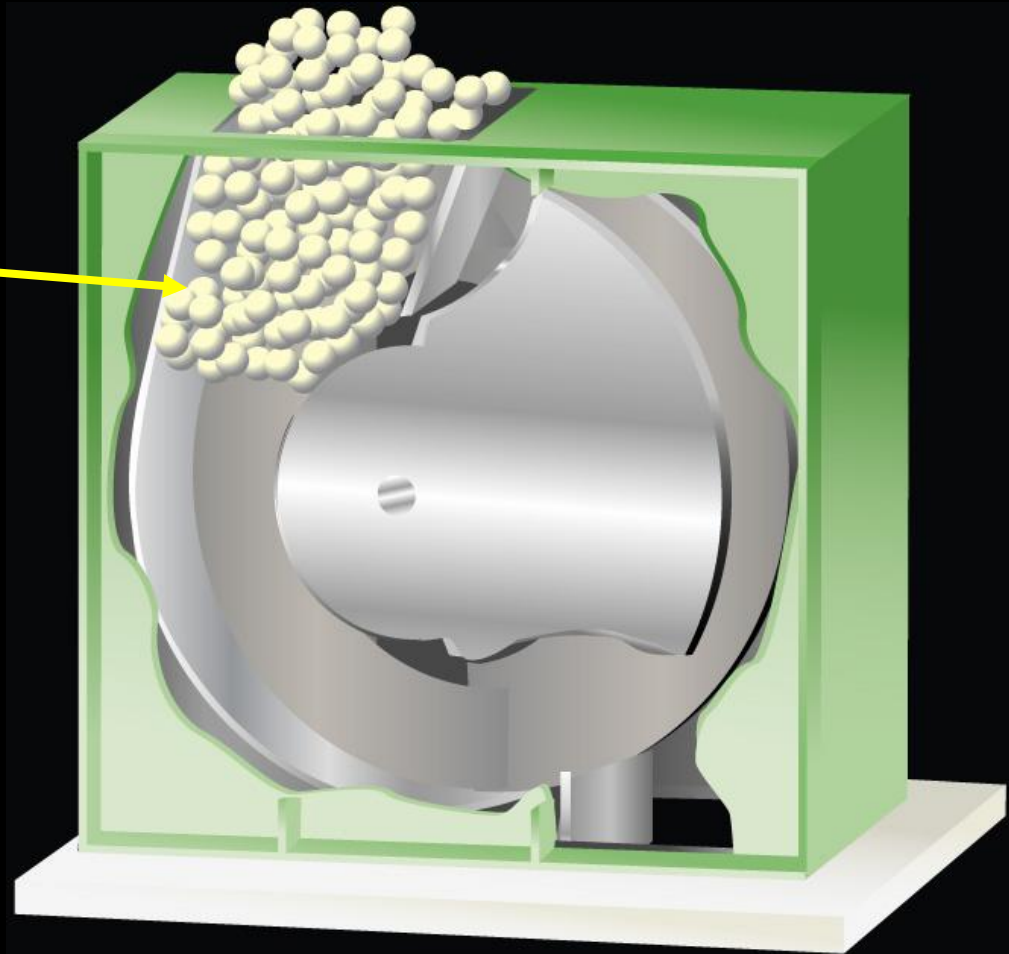


POSIMETRIC FEEDERS



POSIMETRIC FEEDERS

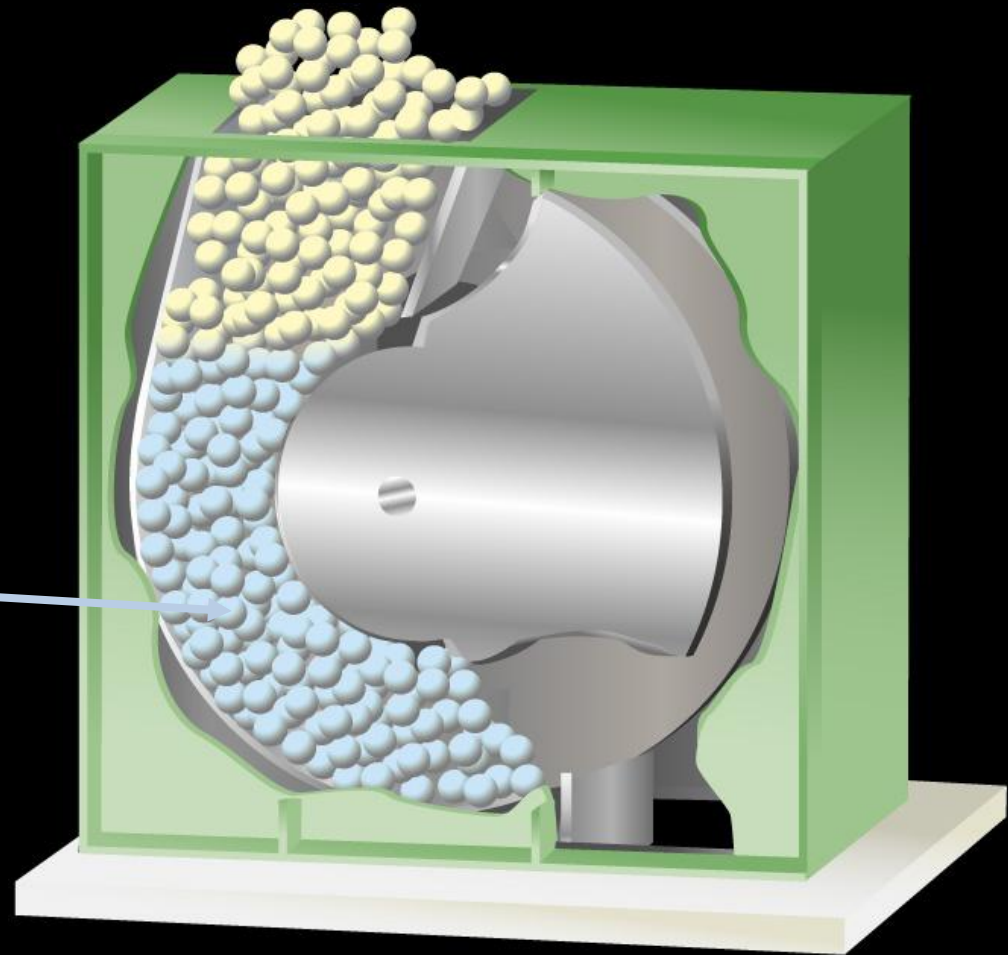
Feed material consolidates and locks up at a constant density as it enters the rotating duct



POSIMETRIC FEEDERS

Feed material consolidates and locks up at a constant density as it enters the rotating duct

The fully locked up material moves with the duct as if it were a solid

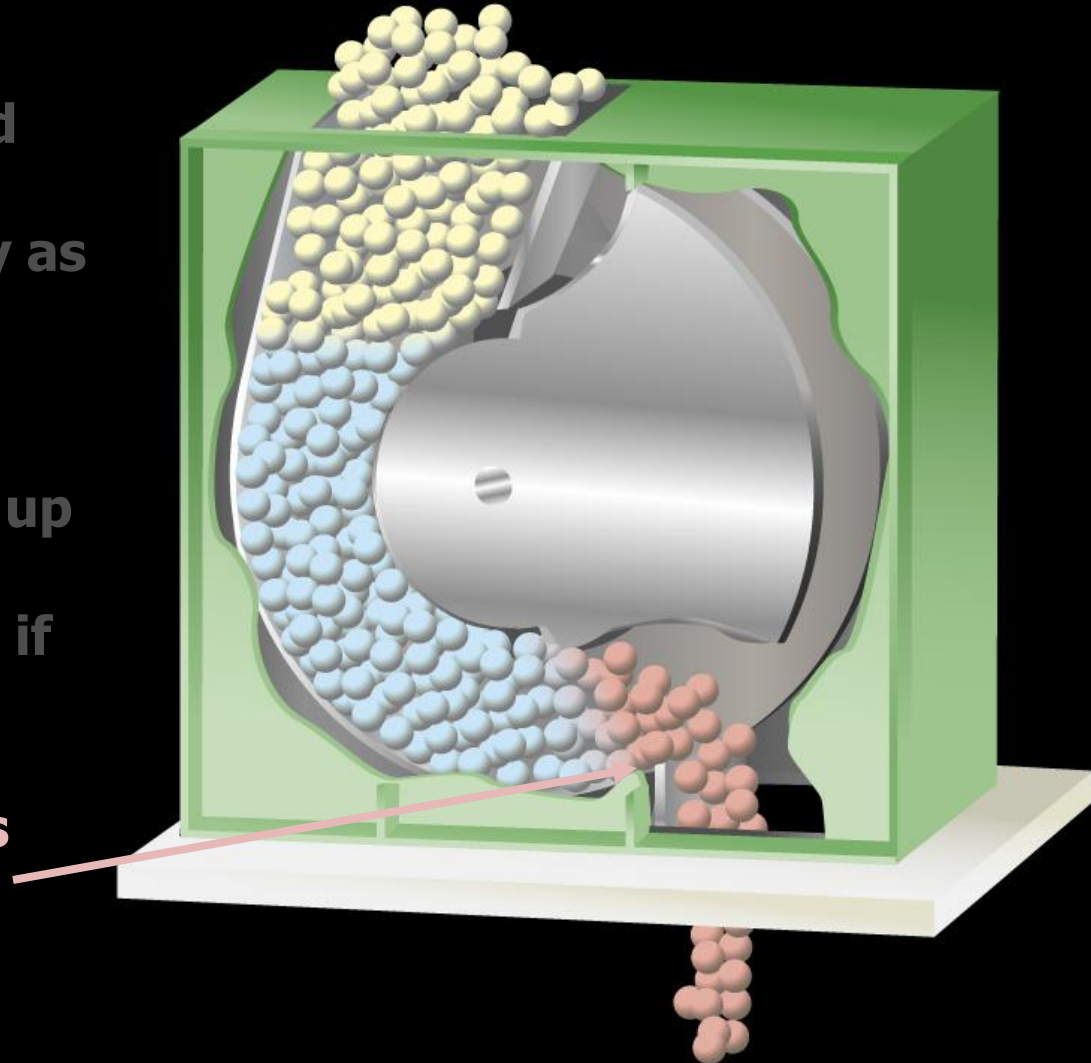


POSIMETRIC FEEDERS

Feed material consolidates and locks up at a constant density as it enters the rotating duct

The fully locked up material moves with the duct as if it were a solid

Material unlocks and gently discharges at a linear rate



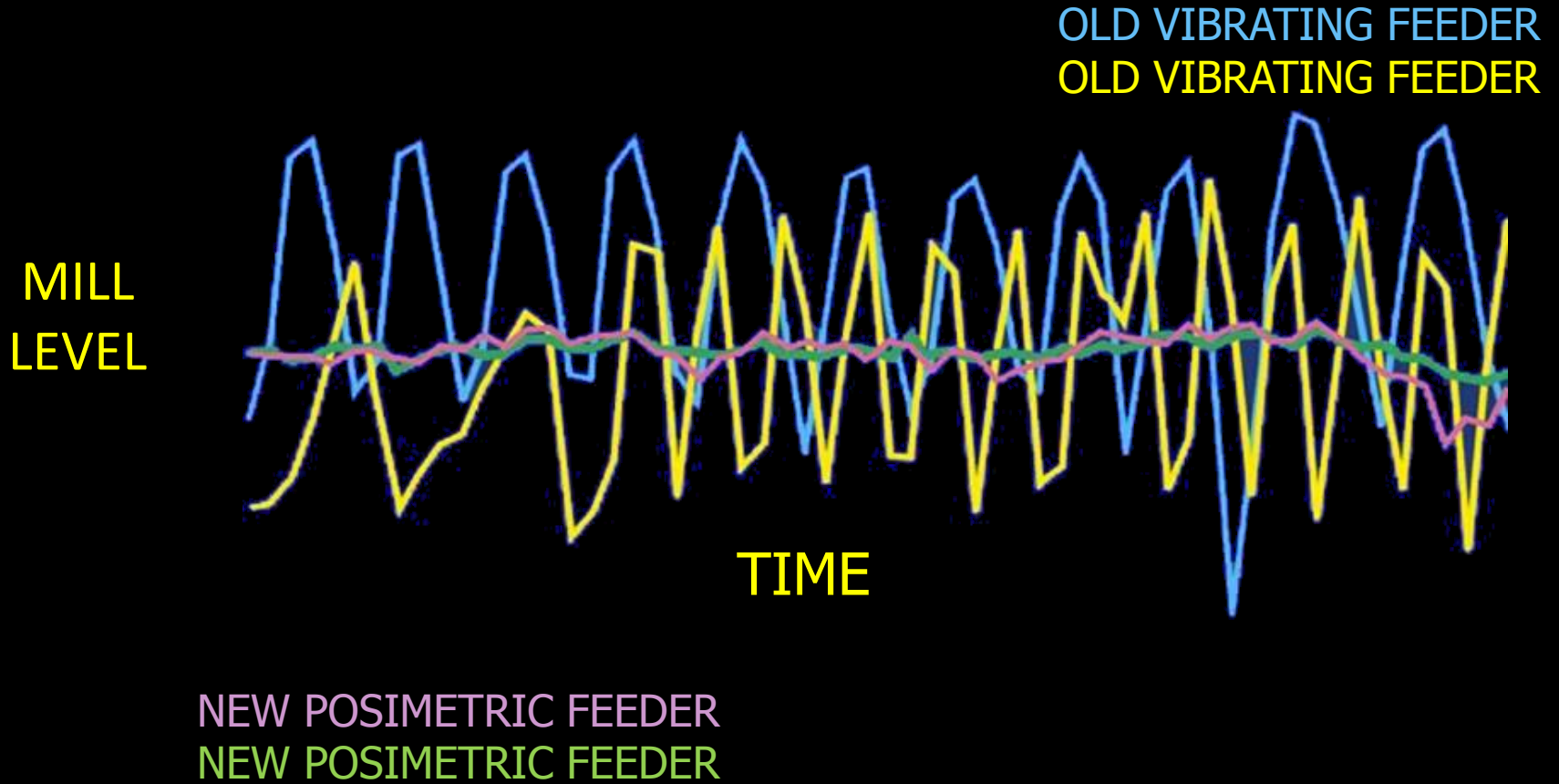
SUNBURY

- CULM
- OTHER FUELS AS NEEDED



- TENDENCY TO BRIDGE

SUNBURY



SUNBURY

- **Material does not move against disks or hub**
 - Discoloration/corrosion on hub**
- **Minimal force exerted to achieve lockup**
 - No erosion of glide plate**



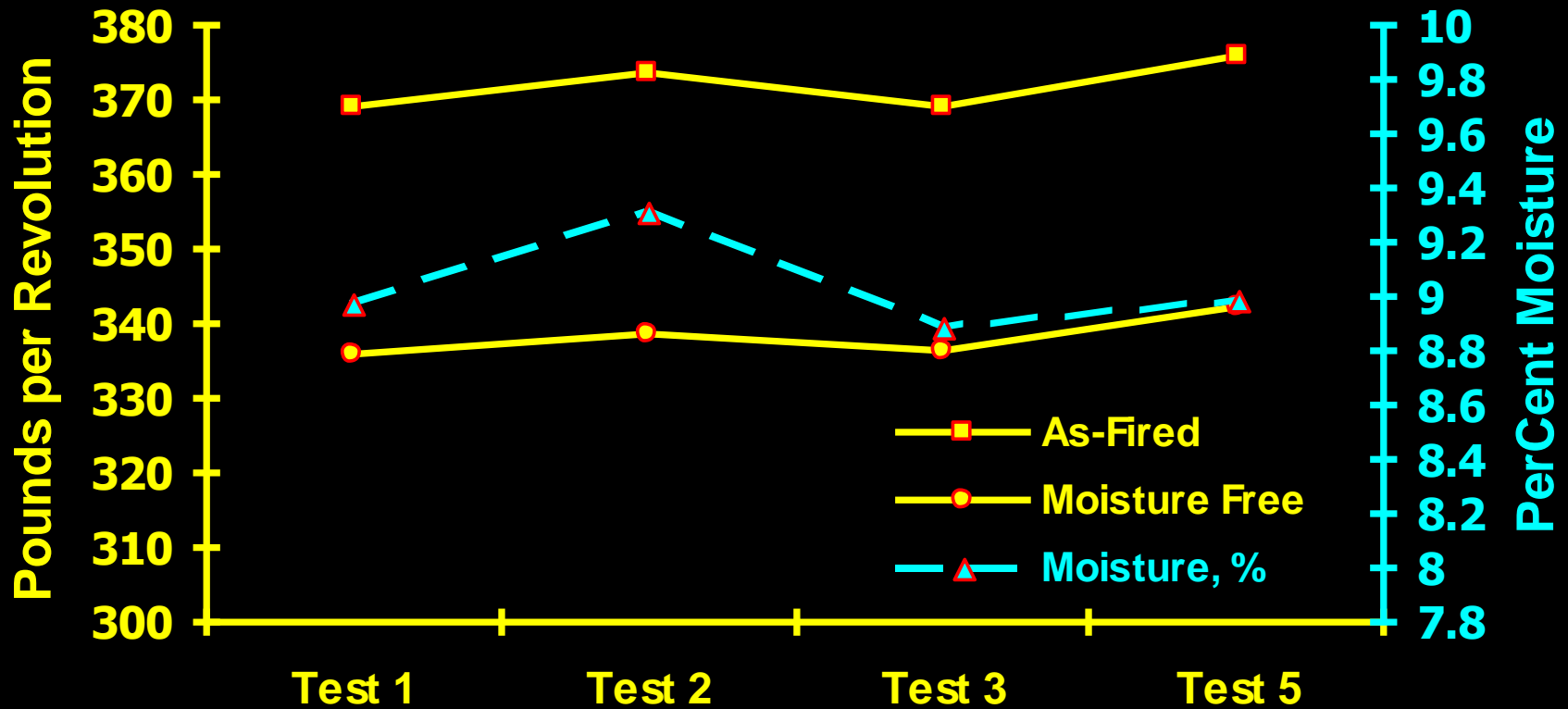
POSIMETRIC FEEDER

Alabama Power- Gadsden Station



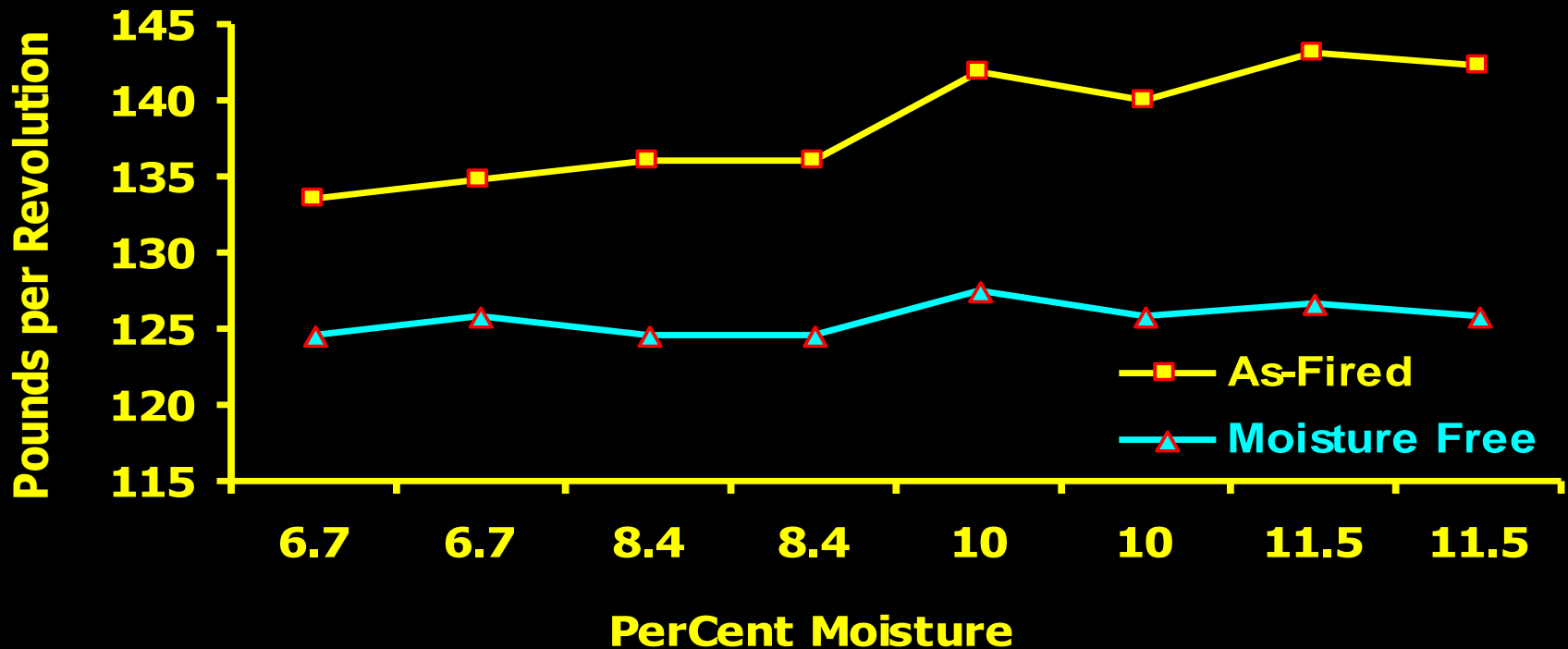
POSIMETRIC METERING

GADSDEN STEAM PLANT



POSIMETRIC METERING

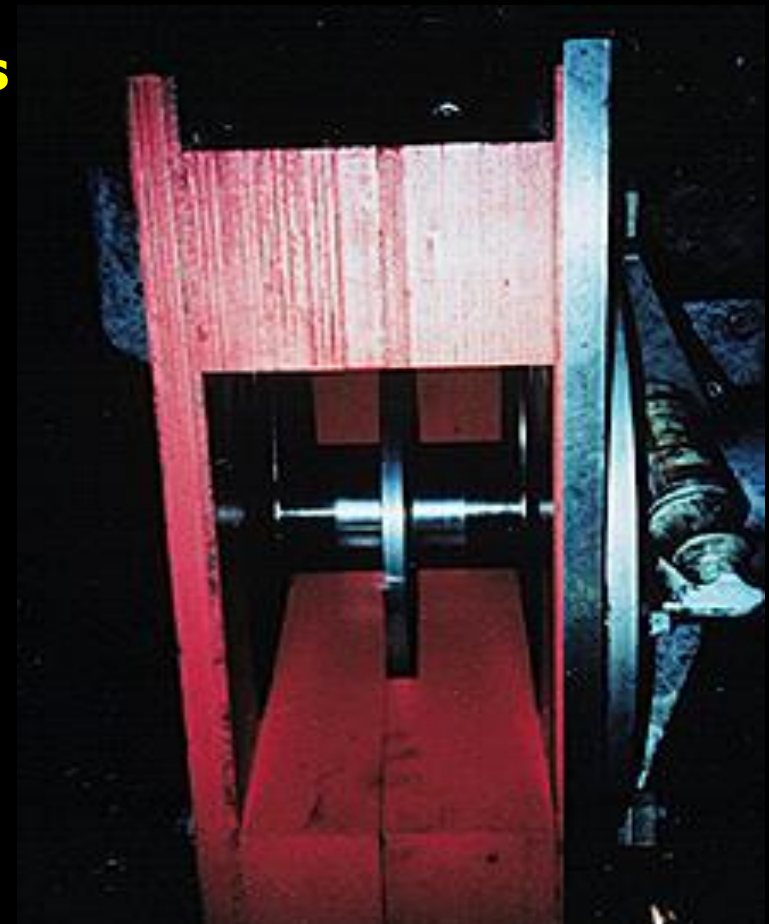
IN-SHOP TESTING



POSIMETRIC FEEDER

Multi-Disk Feeders

- **Greater Width with Smaller Disks**
 - **Increased Throughput**
 - **Larger Inlet Opening**
 - **To Match Process Equipment**

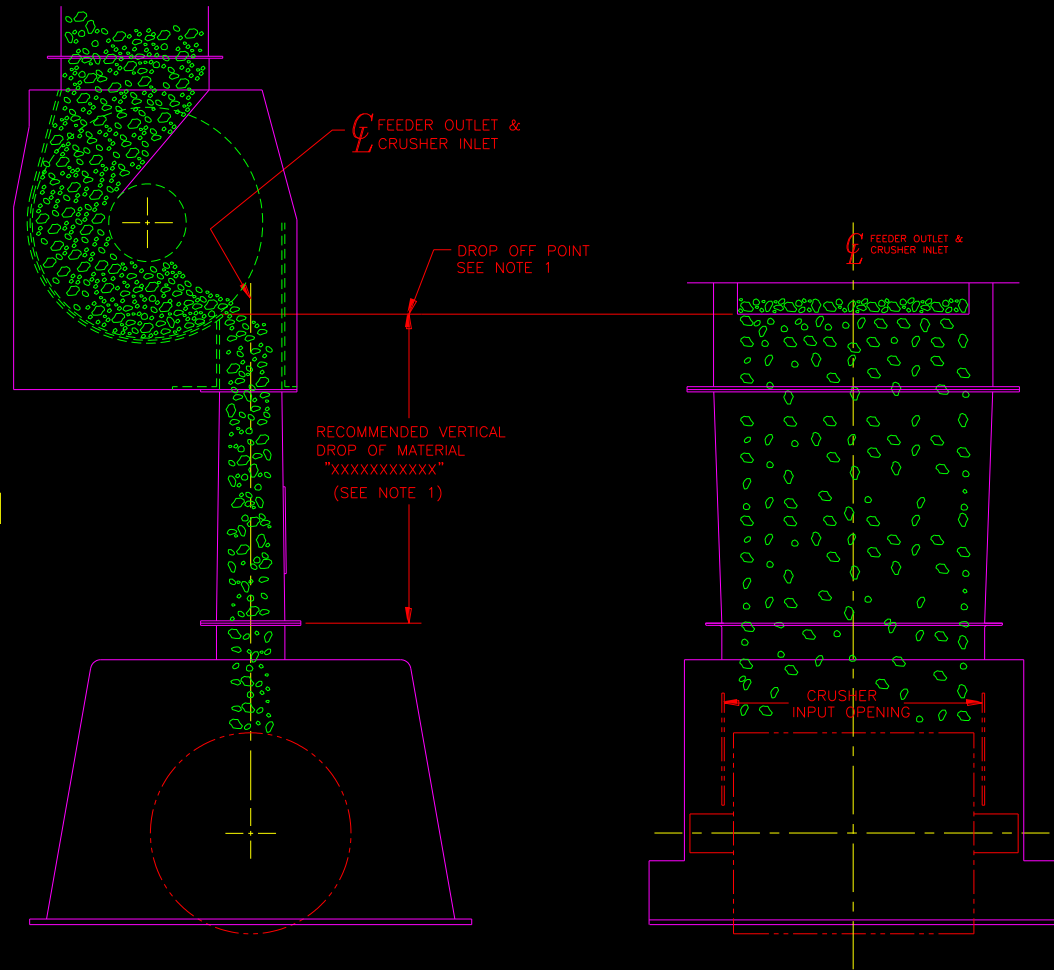


POSIMETRIC FEEDERS

REVERSIBLE CRUSHER FEEDERS

REQUIREMENTS

- **CONSTANT FLOW- NO SURGING**
- **SPREAD FEED ACROSS ENTIRE CRUSHER WIDTH**
- **FEED ENTERS CRUSHER VERTICALLY**
- **DUST CONTROL**



POSIMETRIC FEEDER

CRUSHER FEEDERS

RESULTS

- **Feeder Discharge Characteristics Met**
- **99% Accuracy and Repeatability**
- **Negligible Dust Generation**
- **98.8% Through #4 Mesh at 550 TPH**

POSIMETRIC FEEDER

CRUSHER AFTER >1,000,000 TONS COAL



POSIMETRIC FEEDER

TRANSFER FEEDERS

BENEFITS

- **DUST CONTROL**
- **RELIABILITY IN REMOTE LOCATIONS**

TYPICALLY LARGE CAPACITY

- **800 TPH – 1800 TPH**