

November 18, 1963

MEMORANDUM

Ashland

Bellefonte Furnace Carbon Bottom

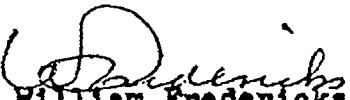
Meeting was held in Ashland on November 13, 1963.

Those present:

R. A. Adams	L. R. Larson
J. L. Brady	W. E. Marshall
W. Fredericks	G. H. Todd
H. Holiday	P. G. Sammet

Group discussion on retaining the carbon bosh design agreed upon at last years meeting. Harry Holiday presented A.I.S.I. findings on several carbon bosh installations, "as detailed in Ed Marshall's report" that have not worked out too satisfactorily.

Concluded to abandon the original idea of a carbon bosh for Bellefonte and restore the original ceramic installation, but so designing the new lines, that all the advantages initially attributed to the carbon could be realized with the use of ceramic materials, i.e., primarily a larger working volume due to thinner lining. This requires restoration of the bronze cooling plates, of new material rather than partial salvage as has been past practice, due to high incidence of salvaged plate failure.


William Fredericks
Blast Furnace and
Coke Plant Engineer

WF:kb

cc: W. B. Browning
W. Dannecker
K. Haley
H. L. Osborne ✓
J. Poast