

**Pipeline Group Factual Report**

**ATTACHMENT 6**

**Pipe heat normalization**

**Carmichael, Mississippi  
DCA 08 MP 001**



United States Steel Corporation  
Tubular Products  
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June 12, 2008

Mr. Rod Dyck  
Investigator-in-Charge  
National Transportation Safety Board  
490 L'Enfant Plaza East, S.W.  
Washington, DC 20594

Subject: Pipeline Rupture, Carmichael, Mississippi, DCA08MP001

Dear Mr. Dyck:

Per our conversation this letter is to reiterate the pipe normalization process information as it existed circa 1960 previously provided by our Mr. Beau Urech.

The pipe was full-body normalized by conveying it through a gas-fired barrel-furnace line downstream for the ER welder.

We interpret a drawing of the line as it was circa 1960 that it was composed of 33 furnaces, and that it extended approximately 225 feet.

The pipe then would have cooled in essentially still air after exiting the furnace line by traversing it across a series of chain driven tables.

The barrel furnaces were replaced by a 48MW battery of electric induction coils in 1980-1982, for energy conservation.

Please advise if I may be of further service. Please note my mailing address is different than the corporate letterhead.

Sincerely yours,

  
Phil W. Miller  
Manager-Product Development & CTS  
U. S. Steel Tubular Products  
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Houston, TX 77060