PLAINTIFF'S EXHIBIT
GPR-4

GEO. P. Reintjes CO., INC.
2513-19 JEFFERSON ST., KANSAS CITY 41, MO
P. O. BOX 856 HARRISON-1-357

The Reintjes sectionally supported wall construction shown on Drawings A-2074 and A-2070 is the most versatile furnace wall design available today. Furnished in 7" or 9" thickness and First or Superduty quality material this wall is made up of spaced rows of supported refractory shapes. (The same shapes used in our sectionally suspended roof arch) and the intermediate space may be filled with standard fire brick or interlocking shapes arranged to allow for a horizontal expansion joint under each row of supported tile. Offset vertical expansion joints are located at suitable intervals. This wall may be insulated to meet any requirements and if a casing is desired it is simple to install. The casing may be as shown on our drawings or it can be of steel plate, brick, concrete blocks or even corrugated sheet metal.

Small openings at the bottom of the casing will allow air to enter the space between the casing and the refractory wall and this air moving upward around and through the supporting castings will cool these members and prolong their service life.

Admitting air in this manner will also allow the furnace to operate with a much lower casing temperature.