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## PACIFIC GAS AND EXECTRIC COMPANY

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245 MARKET STREET . SAN FRANCISCO, CALIFORNIA 94106 . TELEPHONE 781-4211

K. B. ANDERSON
HAHAGER
PIPE LINE OPERATIONS DEPARTMENT

March 4, 1966

Mr. Carlton C. Holman, Chief Engineer El Paso Natural Gas Company El Paso, Texas 79999

Dear Mr. Holman:

The information tabulated below is being sent to you in response to your request to Mr. R. W. Horton for data on the Colorado River pipeline crossings.

	Crossing installed on		
	Old Highway Bridge	New Suspension	
Outside Diameter & Wall Thickness	30" x 3/8"	34" x 1/2"	Consumption
Specified Minimum Yield Strength	52,000 psi	46,000 psi	
Manufacturer	Consolidated Western	Steel Corporation	
Plant Site	Maywood & So. S.F.	Maywood	
Ladle Analysis - Carbon	0.30% max.	0.30% max.	
Manganese	1.25% max.	1.25% max.	
Phosphorus	0.045% max.	0.045% max.	
Sulfur	0.05% max.	0.05% max.	
Transverse Ultimate Strength	72,000 pai	65,000 psi	
Factory Test Pressure	1,170 psi	1,215 psi	
Manganese Phosphorus Sulfur Transverse Ultimate Strength	1.25% max. 0.045% max. 0.05% max. 72,000 pai	1.25% max. 0.045% max. 0.05% max. 65,000 psi	

Very truly yours,

il B anderson/s