

Mr. DE BARDELEBEN. No, sir; through the canal. During the month of April, as I understand, there were 1,730,000 barrels of petroleum products moved north on the Mississippi River.

Mr. CULKIN. How much sulfur do you carry?

Mr. DE BARDELEBEN. We are carrying about 50,000 tons of sulfur a month. As to the sulfur we are moving out of Galveston now, the majority of it is destined to Chicago, for movement beyond Chicago on Great Lakes vessels.

Mr. CULKIN. Sulfur comes mostly from Louisiana, does it not?

Mr. DE BARDELEBEN. All the sulfur we handle comes from Galveston.

The CHAIRMAN. In my district.

Mr. CULKIN. I think we ought to have some light here on the essential character of sulfur. This plan here does not do anything about sulfur.

The CHAIRMAN. You cannot put sulfur in a pipe line.

Mr. DE BARDELEBEN. The total amount of sulfur that we hope to move this year will be approximately 600,000 tons.

Mr. CULKIN. How much?

Mr. DE BARDELEBEN. Approximately 600,000 tons.

Mr. CULKIN. That would come from Louisiana and Texas?

Mr. DE BARDELEBEN. No; that is from Texas.

Mr. CULKIN. From Texas?

Mr. DE BARDELEBEN. Yes, sir; and the reason that sulfur is going that way is because they cannot move it coastwise.

Mr. CULKIN. I heard Huey Long say one time that Louisiana furnished most of the sulfur.

Mr. DE BARDELEBEN. They do furnish a lot of it.

Mr. RANKIN. You said a while ago that these five barges carried about 800 barrels each; is that right?

Mr. DE BARDELEBEN. I meant 8,000 barrels each, sir.

Mr. CULKIN. 8,000 barrels each?

Mr. DE BARDELEBEN. Yes, sir.

Mr. CULKIN. 8,000 barrels each would be what in a tow?

Mr. DE BARDELEBEN. 40,000 barrels in a tow.

Mr. CULKIN. 40,000 barrels; and they average about 180 feet in length?

Mr. DE BARDELEBEN. No, sir; these smaller barges that I am speaking about are 175 feet long. Those are the only barges that you could possibly put five in a tow. If you get to the big barges, those 195 feet in length, three or four would be the maximum that you could put in a tow.

Mr. RANKIN. Just take an average of 180 feet, that would be 900 feet for the five barges?

Mr. DE BARDELEBEN. Yes, sir.

Mr. RANKIN. You said they would go 3 miles an hour. Five of those barges would pass in an hour. That is, five of those tows could pass each hour, of 40,000 barrels each and in 24 hours that would be 4,800,000 barrels a day; is that a correct estimate?

Mr. DE BARDELEBEN. If you had a solid line of barges from one end of the canal to the other.

Mr. RANKIN. You could almost use a solid line of barges if it were necessary?