

knowledge of their use for oil is based entirely on what I have heard from Major Parton, who will be available for further discussion of that subject.

Mr. SMITH. Out in the Pacific Northwest we have quantities of fir timber that could be used for that purpose, and we could also manufacture boilers and engines for the tug boats in that area, if necessary.

Mr. ALLEN. Major Parton feels that for certain types of oil and for certain harbor conditions, where the fire risk does not preclude their use, wooden barges could be used, except for gasoline.

The CHAIRMAN. They will not serve the purpose for gasoline?

Mr. ALLEN. He does not think so.

Mr. SMITH. Wooden tugs would be adequate, would they not?

Mr. ALLEN. Yes.

Mr. ANGELL. It is your belief, is it, Mr. Allen, with respect to fuel oil for heating purposes in Oregon and Washington that unless some unusual or unforeseen thing should occur, not now in sight, there will be a sufficient supply of oil for the coming winter?

Mr. ALLEN. I think so. We are exerting every effort to that end.

Mr. CULKIN. Your statement has been most interesting and constructive, Mr. Allen, but I do not see that it leads to any concrete recommendation as to curing this situation.

Mr. DONDERO. I was going to renew my question.

Mr. ALLEN. And I was going to renew my answer.

Mr. CULKIN. The gentleman just inspired me; I borrowed this thought from him, and I acknowledge it cheerfully. What is the proposed solution to this eastern and northeastern situation? I am informed that we are going to be 8,000,000 tons of coal short in the Northeast this winter and that there is going to be an equal shortage of fuel oil. Now, what is your recommendation to cure that?

Mr. ALLEN. Well, because it seemed quite obvious to us that there is no one single method to meet it, we are proposing and recommending that each of the following methods be utilized and expanded to the utmost: Inland coastal barges and—

Mr. CULKIN (interposing). I heard you make the statement before.

Mr. ALLEN. Pipe lines.

Mr. CULKIN. You would repeat about the same statement you made before?

Mr. ALLEN. Yes.

Mr. CULKIN. Which is in the nature of a generalization, of course. Now, how about the proposal that is confronting this committee? The proposal is to carry the products through the intercoastal canals and then by pipe line across Florida. That was the recommendation of the Chief of Engineers. Do you concur in that?

Mr. ALLEN. I want to say this that our office is definitely committed to the increased use of such coastal facilities and Major Parkins, I believe, will include a recommendation for an interim pipe line, we will say, across Florida; to which I might add that I believe such a line may in the very near future, if explorations in southern Georgia and southern Alabama are successful, be supplied from locally produced crude oil; all of which I believe would contribute to the merits of the project.

Mr. CULKIN. What do you figure would be the capacity that the proposed line would have; how many barrels would that provide for the East and Northeast?