

Well, you need not take the time if you will provide me with the information later on.

Colonel SEIDEL. Yes, sir.

Mr. HARSHA. I want to ask you this. On page 48 of the report it shows that there is 161 million kilowatts that you anticipate producing for 1970, is that correct?

Colonel SEIDEL. That is correct; 161 million kilowatt-hours of energy.

Mr. HARSHA. And 148 million for the year 2020?

Colonel SEIDEL. Yes, sir.

Mr. HARSHA. Also, in this same report on page 44 you show a 10-percent load factor expectation which would produce only one-half of these amounts.

You do have a 10-percent load factor, is that correct?

Colonel SEIDEL. The 10-percent factor is for a critical year, the 161 million is an average annual figure. The 10-percent load factor represents a dry year.

Mr. HARSHA. How often do you anticipate that?

Colonel SEIDEL. I do not know how often, just what the power study shows. We can supply that for the record, if you like.

Mr. HARSHA. Now, you have also recommended in here that pumping storage facilities be put in.

Colonel SEIDEL. No, sir; we did not recommend it. We indicated that we would restudy it during our advanced engineering and design phases as we would the conventional plant.

Mr. HARSHA. Has pump storage installation been considered?

Colonel SEIDEL. Yes, sir.

Mr. HARSHA. Has there been any estimate of the cost and benefits included for such pump storage?

Colonel SEIDEL. Yes, sir; that was done as part of our preliminary planning.

Mr. HARSHA. What is the benefit-cost ratio on there?

Colonel SEIDEL. Sir, it was slightly submarginal, as we have a more economical alternate for the pump storage. The benefit-to-cost ratio, however, was 2.0.

Mr. HARSHA. Where is the submarginal one you are talking of?

Colonel SEIDEL. Mr. Congressman, we also applied the comparability test and it did not come up to unity on that test.

Mr. HARSHA. What was the B-C ratio of the project without power?

Colonel SEIDEL. Sir, with a pool elevation of 240 and no power or salinity control the B-C ratio is 1.8.

Mr. CLAUSEN. Just 1? You refer to 2.1.

Colonel SEIDEL. Yes, sir.

Mr. HARSHA. Why is your spillway designed for such a large flood, 770,000 cubic feet per second?

Colonel SEIDEL. Sir, the spillway design flood takes into consideration the safety of the structure and must be designed to take care of very unusual occurrences.

Mr. HARSHA. Well, if a flood that size occurred would it not wash out everything downstream?

Colonel SEIDEL. No, sir, we would hope that it would not wash things out. We would retard the maximum amount of water up to the spillway level in order to limit the damages. There would be damages, of course, but not a wash out.