

oil shale industry should be discussed before their publication. Our Senate hearings should examine these proposed procedures in detail and in depth. We should invite representatives of private industry for their views in order that procedures can be developed which will be fair to all parties, big or small. It will be of no service to announce an oil shale development policy only to find that the details of the administrative procedures inhibit, rather than promote, the entrance of private industry into this new field.

Next, the Congress must concern itself with the need for increased research and exploration of our oil shale and associated mineral reserves. I have asked the Bureau of Mines to advise me of the exploration and study plans presently underway in the oil shale field. Dr. Walter Hibbard has been most helpful in this respect and I am sure that his remarks on what further authorizations and appropriations are necessary for future studies will be of great benefit to Congress.

Next, we must begin to give close scrutiny to the long-range water requirements for such a fantastic new industry. I was greatly encouraged to see in President Johnson's budget request an item for a reconnaissance study of the upper Green River Basin. This water study, which had been requested by Senator Simpson, my predecessor here in the Senate, and myself, will be the first step down the road to a full appraisal of our municipal and industrial water needs. But I am certain that further and broader investigations will be required in order properly to project the amount of industrial and municipal water which will be necessary for this new industry by the year 2000. Again, advice from the Department of Interior should be sought in this matter. I will be prepared to ask Congress for the necessary appropriations once such study plans are firm.

And last, but by no means least, the States of Wyoming, Colorado, and Utah must be called upon for their views and their proposed action in regard to this new industry development. These States have traditionally been vested with policing power over such matters as conservation regulation. The proper regulation by the States of this new industry should prove to be no exception. I am hopeful that the State Legislatures of Wyoming, Colorado, and Utah will begin immediate plans for the drafting of necessary conservation regulations and for the regulation of air and water and land pollution. In this regard, it will be incumbent upon Secretary Udall to solicit the mutual cooperation of the affected states and to arrive at coordinated regulations and policing practices.

The leaders of these three great States should be invited to present their views and their problems before Congress and to receive every assistance possible in dealing with the anticipated needs of local areas. The creation of whole new cities and their attendant municipal services must be anticipated. Proper lead-times must be provided for in the establishment of new long-range taxation programs and local governmental authority. School, hospital, sewage, fire, and water districts should be created well in advance of a great burgeoning industry.

The present chairman of our Senate Interior Committee recognized the vast implications of an oil shale development program several years ago. In 1965, Senator JACKSON called for informational hearings before his Interior Committee and introduced those hearings with these remarks:

"All too often in dealing with problems affecting our natural resources, both economic and aesthetic, this Committee is faced with a condition, not a theory. Conditions often demand ad hoc solutions to immediate, limited problems. But as I pointed out earlier, such is not the case here today. We hope to have basic facts and issues presented, and then to be able to deliberate on broad, overall policy questions involved in the wisest and best course of action to take with respect to this great natural resource found so abundantly in our public domain."

It is fitting that I should close with Senator JACKSON's remarks, for nothing further can be added at this time.

Now let us get on to the task at hand.

Senator HANSEN. Mr. Secretary, I would like to commend you on a very excellent statement here this morning. I am delighted that you addressed yourself on the question of availability of water and by implication referred to some of the things that were of real concern to us.

I would like also to commend the senior Senator from Colorado for having driven right to what I think is the crux of this issue in dis-