

into the ground and becomes "lost" water. If we can apply techniques like this we see a great application in this one area alone.

The CHAIRMAN. Senator Hansen.

Senator HANSEN. In that connection, Dr. Pecora, let me ask: Has your technique been perfected to the degree you might be able to locate underground active reserves or is this difficult?

Dr. PECORA. No, sir. It is related, Senator, the temperature of the surface of the ground is affected by the proximity of ground water to the surface. Soils on one side of a fault can have a different temperature because the level of ground water is different on one side than on the other. Reservoir structure can be delineated for many resources in addition to water-bearing formations.

Senator HANSEN. It is a very exciting realm of research. I compliment you for a very fine presentation.

Dr. PECORA. We would like to show you and your colleagues on the committee when you have more time together some of the benefits that have already been determined by this. We see many applications for the future. We are in this stage now, groping, reaching out and foreseeing great benefits to mankind. With your continued support, interest, and sympathy we hope to succeed.

The CHAIRMAN. We want to commend you and compliment you on all you are doing. You have our support.

Dr. PECORA. While I am here, I am going to show you—

The CHAIRMAN. Another act of faith.

Dr. PECORA. This water was collected off the shore of the Hawaiian Islands.

Off the record.

(Statement off the record.)

Dr. PECORA. It is not as chemically pure as that offered by Dr. Weinberger, but it has a healthy mineral content. It is a sample of "lost" fresh water.

The CHAIRMAN. Thank you very much.

Our next and last witness is Dr. J. L. McHugh, Deputy Director of the Bureau of Commercial Fisheries.

Dr. McHugh, we are pleased to welcome you to the committee and, as in the case of the previous witnesses, you may proceed in your own way.

STATEMENT OF DR. J. L. McHUGH, DEPUTY DIRECTOR, BUREAU OF COMMERCIAL FISHERIES, DEPARTMENT OF THE INTERIOR

Dr. McHUGH. Thank you, Mr. Chairman.

I will try to be brief, but I will hit the highlights, at least.

The Bureau of Commercial Fisheries has a very broad responsibility for research on living resources of the ocean, and for freshwater studies not only for purposes of conservation but also to get the product to the consumer in prime condition.

The CHAIRMAN. We want to thank you for the cookies.

Dr. McHUGH. You are welcome, sir.

The CHAIRMAN. Also, I was very much interested in the global food situation. These cookies are one of the examples due to help feed some of our less fortunate neighbors in other parts of the world.