

Senator ANDERSON. The point of my question was that I have two wells. One is about 10 percent polluted and the other is free of pollution. I found out my family wants to drink a little dirty water.

Dr. WEINBERGER. I was going to point out that samples of water may be of different quality and better quality but, as the Senator points out, pure water is supposed to be tasteless and odorless. You can appreciate that this may not have a nice pleasant taste.

The CHAIRMAN. Senator Moss.

Senator MOSS. Your second chart, Dr. Weinberger, where you show distillation and then the water is united with water that has not been through this process, is that to upgrade the quality of the part that goes through distillation?

Dr. WEINBERGER. Senator, this is, again, partly in response to Senator Anderson. What I am indicating is that there is the possibility of splitting a stream of water so one can take water, somewhat higher in mineral content, and blend it with a distilled water so you do not need very high removals. The advantage is attained when you are able to combine two processes and come up with a blended water of good quality. One process is very expensive, and the other is very inexpensive.

Senator MOSS. It is treated to remove pollutants and then blended with stream water to upgrade the natural water?

Dr. WEINBERGER. That is the purpose. The distillation process upgrades the water, with blending back to a potable quality.

Senator MOSS. Thank you.

The CHAIRMAN. Thank you, Dr. Weinberger, for a very interesting presentation. You have your work cut out for you.

Dr. WEINBERGER. Thank you.

The CHAIRMAN. Off the record.

(Discussion off the record.)

The CHAIRMAN. Our next witness is Dr. William T. Pecora, Director of the Geological Survey.

Dr. Pecora, we are delighted once again to welcome you back to the committee. You may proceed in your own way.

STATEMENT OF DR. WILLIAM T. PECORA, DIRECTOR, GEOLOGICAL SURVEY, DEPARTMENT OF THE INTERIOR

Dr. PECORA. Thank you, sir.

I recall being here a year and a half ago and appearing before this same committee. Sometimes I wish you had advised and consented negatively because we have so many things to do, so many programs, and we have, of course, to do this with limited funds and facilities at our disposal that the life of a bureau chief is a harried one.

I should like to talk to the committee today, sir, about EROS. E for earth; R for resources; O for observation; S for satellite. This program has brought the Department of the Interior together in a major enterprise, more so, I think, than any other single effort because the intent of the program is to use every available science technique which we are developing through our national space program to use on earth for man and his resources.

I have some illustrations I would like to present to you briefly and go through them but the first one will make the basic point.