

invest more right now in the areas of prevention and removal technology where there is no doubt of the eventual need.

But the big surge in industrial research expenditures probably can't be expected until the needed "ground rules" are better established. Thus, we would look forward to a pattern of increased research expenditure by both Government and industry, with the early predominant role of Government tapering off and industry's contribution rising rapidly as the objectives become clearly defined.

I assure you that the company I represent will study the findings of this committee with great care, and we will work vigorously on behalf of making the best contributions we can toward improving the quality of life by protecting and improving the environment in which we work and live.

Mr. DADDARIO. Mr. Miller.

Chairman MILLER. I have no questions. It was an excellent statement.

Mr. DADDARIO. Mr. Mosher?

Mr. MOSHER. It is one of the most interesting statements we have had, and I have no questions at the moment.

Mr. DADDARIO. Mr. Vivian?

Mr. VIVIAN. I would like to ask some questions but I know we have another witness coming before us but I hope Dr. Bueche will stay for a few moments to answer questions.

Mr. DADDARIO. Mr. Conable?

Mr. CONABLE. No question, Mr. Chairman. It is a very fine statement.

Mr. DADDARIO. Dr. Bueche, on page 11 where you refer to the radioactive materials emanating from the nuclear plants, could you give us a reference as to who was involved in this work?

Dr. BUECHE. Yes. It is the work of Merrill Eisenbud and Henry G. Petrow referred to in Science, April 7, 1964. These two gentlemen were employed by the Institute of Industrial Medicine at the New York University Medical Center at that time.

Mr. DADDARIO. On page 15 of the Report of the Research Management Advisory Panel, there is a reference to industrial research. Question B1 reads; To what extent can research on pollution abatement sponsored by the private sector of the economy be stimulated by probable markets established by Federal standards? Does the enforcement legislation necessarily depend on previously available technology? You have given us some guidelines. How do you feel about how these questions fit in with your concept of the problem?

Dr. BUECHE. First, let me say that I have found this report to be very interesting and very provocative. It has an awful lot of good sense in it. I have considered this question, all the questions as a matter of fact, in some detail and tried to be responsive to them in what I just read.

I think that one of the great stimulants to industrial research or "research sponsored by the private sector of the economy" as it says here, will be the winning of knowledge and the establishment of goals and standards by the Federal Government. I shouldn't restrict this to the Federal Government, I mean Federal, State, and local governments. Pointing up the problem clearly will give the industrial people an assurance that there will be a market. This will bring the com-