

Mr. GAMMELGARD. Mr. Chairman, I would like to attempt to answer Mr. Wright's question.

Over the years, we have conducted surveys within the industry as to expenditures for both air and water pollution control facilities from the industry's land-based facilities in the United States. And these, as I think you would all expect have been going up quite markedly in recent years.

The 10 years prior to and including 1965, for water conservation and water pollution prevention measures, industry installations, we invested over \$150 million in equipment alone. Now, this is strictly money put into brick and mortar and so forth,

In the year 1966, a survey that we have just completed shows capital expenditures of \$79 million; in 1967, \$113 million; in 1968, a projected \$145 million. These are investment figures, not including operating costs, which are substantial and amount to somewhere around \$50 million per year not including administrative costs nor research and development. In research and development, we have spent some \$22 million in water pollution research in the last 3 years.

Mr. WRIGHT. \$22 million in research? You mentioned last year \$145 million.

Mr. GAMMELGARD. This current year, 1968, \$145 million.

Mr. WRIGHT. Last year \$113 million?

Mr. GAMMELGARD. Yes, sir.

Mr. BLATNIK. Will the gentleman yield?

Do I understand that is just a capital investment for a pollution abatement control facility, just for the brick and mortar of the facility itself, installation? Is that correct?

Mr. GAMMELGARD. That is right.

Mr. WRIGHT. All of this is related to abatement of pollution?

Mr. GAMMELGARD. Yes, sir.

Mr. WRIGHT. That is considerably more than half of what the Federal Government is paying, is that right?

Mr. GAMMELGARD. Well, I think that the Federal Government for the fiscal year 1968, for water pollution control measures for Federal facilities, asked for \$51 million. I do not know what the actual appropriation was.

Mr. WRIGHT. We had something like \$203 million last year for program grants and this year I think it was testified yesterday that the request in the budget is for some \$225 million for the nationwide grant program.

This includes the amount that you spent in moving away the salts, for example, to keep them from getting into the water tables where you are drilling inland?

Mr. GAMMELGARD. This does include production expenditures in water pollution control.

Mr. Wright, regarding that \$51 million figure I gave you, this is not in the sewage-treatment plant grant program; this was a request for Federal facilities such as Army and Navy bases, and so forth.

Mr. WRIGHT. Yes, I understand the distinction which you made; yes, to the Federal Government's own facilities.

Mr. GAMMELGARD. Yes, sir.