

Mr. DADDARIO. That was why I said the Bureau of Mines. In addition to the points which Mr. Mosher just raised, would you talk about industry's role? How do they feel about it and what pressures have they put on you? What have they been willing to do themselves in the fields of research and technology?

Mr. PERRY. In respect to the last point you made, I believe Dr. Hibbard will discuss cooperation of industry in the latter part of his testimony.

With respect to the first point, it is a question of allocating the total resources properly and then for us to do something about the pollution problem which has really come on us only within the last 10 years in a great way.

The Bureau started as early as 1915 on the problem of smoke abatement which is what air pollution was originally called. Working with the city of Pittsburgh and others, we have attempted to see what could be done with this problem, and, indeed, we have prepared more than 200 publications in the field.

I would like to say with respect to the funding that it has been at all levels. Sometimes the decision was made internally, the choice of projects with respect to pollution put some other demands on us and we would have to put the pollution aside for the time being because in the allocation of our resources at that particular time this was not as important as other things.

I would have to say, however, that at every level there have been some financial restraints as there always are.

Mr. MOSHER. Do you have any specific examples of an occasion when you urged additional funds to develop technology or to use for research and were turned down?

Mr. PERRY. Yes, we can supply those, although I would like to say in general that since 1955 when the first Clean Air Act came in and HEW took the primary responsibility in the executive branch with respect to air pollution, we proposed those things that we felt needed to be supported. And again, within financial constraints, they have to make decisions with respect to our programs versus other needs and, by and large, my recollection is that we feel we are quite well treated when about half of our proposals are funded. I think this is a pretty good batting average.

Dr. HIBBARD. Could we supply something for the record?

Mr. DADDARIO. Yes, if you could, but what concerns us isn't so much whether you have a good batting average or not. Under ordinary circumstances I would guess 50 percent would be good, but we are considering a program which might develop vital information concerning the pollution problem and Dr. Hibbard has pointed out that we haven't been keeping up with it. We know that somewhere along the line we have got to catch up and if we are only going to be able to do 50 percent of the research necessary, I suspect we never shall. If you could provide that for the record, it will be extremely helpful.

BUREAU OF MINES POLLUTION ABATEMENT RESEARCH

In accordance with your request at the hearing on "Adequacy of Technology for Pollution Abatement," we are pleased to provide your committee with the following supplemental information on Bureau of Mines pollution abatement activities.