

STATEMENT OF DR. JOHN L. BUCKLEY, COMMITTEE ON ENVIRONMENTAL QUALITY, FEDERAL COUNSEL FOR SCIENCE AND TECHNOLOGY

Dr. BUCKLEY. Thank you, Mr. Chairman. It is a privilege to be here and I am sorry I am disorganized as usual. The large stack of papers here is witness to this.

The principal item I wish to lay before the group this morning is what we consider to be the best summary available at this time of expenditures on pollution research in the Federal Government. The last of the addition on the individual pieces was finished at 1 o'clock this morning and the summary at 10 minutes of 10. If there are some arithmetic errors, I hope the committee will permit me to make some changes in the fairly near future.

In the interests of time, Mr. Chairman, I will skip through the testimony here quite rapidly and request my prepared statement be included here.

(The statement follows:)

PREPARED STATEMENT OF JOHN L. BUCKLEY, CHAIRMAN, RESEARCH, DEMONSTRATION, AND DEVELOPMENT SUBCOMMITTEE OF THE FEDERAL COUNCIL FOR SCIENCE AND TECHNOLOGY'S COMMITTEE ON ENVIRONMENTAL QUALITY

The decision to form a Research, Development, and Demonstration Subcommittee was reached at a meeting of the Committee on Environmental Quality on August 22, 1967. The minutes of the next Committee meeting on September 12, 1967, show that:

Two major activities of the Subcommittee on Research, Development, and Demonstration will be (1) to review the ongoing research program with a view to understanding how rapidly answers are accumulating; and (2) to review the priority and balance of the proposed program. Inherent in both review activities is the desirability of assuring covering of gaps and preventing unplanned overlap. Trends in intra-mural vs. extra-mural research will be studied, especially as they relate to manpower.

The Subcommittee held a series of meetings through the early fall at which it discussed how it could best gather the necessary information to carry out these duties. The possibility of obtaining the required information from the Defense Documentation Center or from the Scientific Information Exchange was discussed, but a trial run with the Defense Documentation Center suggested that problems of definition would be exceedingly difficult. It was therefore concluded that we should simultaneously query these information systems and the Government departments and agencies known to have programs in this area (a preliminary result from the Science Information Exchange is shown in Appendix 4). This would provide us with a useful base of information together with some insights into the ways in which we can best use the established information systems. A copy of the questions and instruction sheet that went to the Government departments and agencies is attached as Appendix 1.

Basically, the Research, Development, and Demonstration Subcommittee intended to find out how much of what kinds of research was being conducted by whom and with what results in the areas of understanding and controlling pollution. With such a base of information, it should be possible to determine what is being done; to assess in some measure the balance of the programs; and the data acquired should supply a useful basis for evaluating priorities. (Parenthetically, it is necessary to note that the Subcommittee recognizes that each Federal agency supports the research that is most urgent in the conduct