

Mr. DADDARIO. That is included in your prophecy that institutional, sectional, and regional standards will have to be developed.

Dr. WOLMAN. Yes.

Mr. DADDARIO. To take care of this problem.

Dr. WOLMAN. Yes.

Mr. DADDARIO. A standard would apply within these areas rather than cut across all of the sections.

Dr. WOLMAN. Yes. Because I think not only will it be untenable, but it would be unwise. The use of Puget Sound for the docking of the deepest draft ships we have is a reality. Spokane may feel that geographically it has been "gypped," but I know of no way in which one can equalize that.

And yet the feeling that has been expressed by some that all municipal waste, for example, in the United States should have tertiary treatment, I do not believe has either wisdom or logic. The policy should be one of definitive resolving of issues in each case, the Delaware River, Lake Erie, Lake Michigan, and the like.

You may have a series of common objectives in the whole lake system. That may be possible. But I doubt very much whether that system criteria would be the same you would have, say, on the Mississippi, the Missouri, or the Columbia.

A number of other areas of exploration appear in the testimony and I am afraid I shall not be able to cover them, Mr. Chairman. But I do want to add one here which seems to me to be very badly lacking in inquiry. It has been commented on by a number of the witnesses.

It is what I call the environmental determinants of disease. In less fancy phraseology, it directs itself toward the comments made by Dr. Tukey, Dr. MacLeod, Dr. Buckley, and by Colonel Meyer, that so far the impact of environmental insults on man has not demonstrated any very significant deleterious effects.

This statement is somewhat inconsistent with the statements of several of the agency witnesses, who said that illness and death caused by air pollution is one of the great dishonors of this country. I am paraphrasing it.

One must agree that the evidence on this needs to be very heavily explored. Even though there is a bit of an inconsistency, which you called attention to, Mr. Chairman, even in the Tukey report, it still remains a valid statement in their report that this impact, if it exists, is not detectable.

We then come to the question, which I think you also raised, what guarantee does that give us that these insults for the long term may not have secondary and important disease implications? Here research is very, very badly needed, and incidentally very badly neglected.

Mr. DADDARIO. We worry about that conclusion, not so much because the effects can't be determined, but because, as we understand it, no effort has been made to determine them. So the fact that little research has been done in this area is only because the problems are not visible on the surface, and no intensive study has been made to even come to the conclusion that research is necessary.

Dr. WOLMAN. No. I think it is a little better than that, on the present situation. There have been a number of studies made, particularly of the group of respiratory diseases.