

separation of solids from liquid suspensions. Our research program has resulted in extensive trials at municipal waste treatment plants and we have proved that these materials significantly improve solids removal. It has been demonstrated that typical waste treatment plants can increase solids removal by as much as 50 percent through the use of polyelectrolytes in their existing physical facilities.

Little or no capital expenditure is required to use these chemicals, since a simple mixing and feeding system, which is generally standard in municipal waste treatment plants, is the only equipment needed.

The technology involving the use of polyelectrolytes has not been fully utilized by the municipalities because:

- (1) Present laws do not force immediate pollution abatement, and
- (2) Existing Federal subsidies encourage municipalities to construct additional facilities and rely on long range results instead of *immediate abatement through use of chemicals*.

H.R. 16044 introduced by Congressman Dingell on March 19, 1968 would provide funds to increase the capability of *existing* municipal waste treatment systems, immediately reducing pollution from these sources.

Hercules urges enactment of H.R. 16044 which would expedite the cleaning up of our waterways.

Yours very truly,

S. H. HELLEKSON, *General Manager*.

Mr. BLATNIK. Thank you very much, Congressman.

Mr. DINGELL. Thank you, Mr. Chairman.

Mr. BLATNIK. Next we have a panel of witnesses from the American Petroleum Institute and also a representative from the American Merchant Marine Institute. I believe they are all together.

Am I correct, Mr. Checket?

Mr. E. S. Checket is the marine general manager of Mobil Oil Co., New York City. I believe Mr. Checket will give the first part of your panel statement, followed by Mr. P. N. Gammelgard and Mr. Pittman, from the Shell Oil Co., is available for questioning. I understand you have no statement.

Mr. Ralph E. Casey—Mr. Casey, we understand you will join the panel in the interest of time. You have an interest in the subject matter?

Mr. CASEY. Yes, Mr. Chairman.

Mr. BLATNIK. Mr. Checket, will you proceed? Please give your name and title for the record.

OIL POLLUTION CONTROL

STATEMENT OF EVERETT S. CHECKET, MARINE GENERAL MANAGER, MOBIL OIL CO., NEW YORK, N.Y., AND MEMBER OF AMERICAN PETROLEUM INSTITUTE'S GENERAL COMMITTEE; ACCOMPANIED BY P. N. GAMMELGARD, VICE PRESIDENT OF ENVIRONMENTAL AFFAIRS, AMERICAN PETROLEUM INSTITUTE; JOHN W. PITTMAN, SHELL OIL CO.; AND RALPH E. CASEY, PRESIDENT, AMERICAN MERCHANT MARINE INSTITUTE, INC.

Mr. CHECKET. Thank you.

Mr. Chairman and gentlemen, my name is Everett S. Checket. I am general manager of the marine transportation department of Mobil Oil Corp. I am also a member of the American Petroleum Institute's general committee, division of transportation, and it is in the latter capacity that I am appearing here today. I also have the pleasure of representing the Western Oil and Gas Association.