DEPARTMENT OF THE ARMY
NEW YORK DISTRICT, CORPS OF ENGINEERS
26 FEDERAL PLAZA
NEW YORK, N. Y. 10007

RECEIVED
JUN 27 1969
PURCHASING

IN REPLY REFER TO
NANOP-E

25 June 1969

General Electric Company
John Street
Hudson Falls, New York 12839

Gentlemen:

Reference is made to your letter dated 10 June 1969, to Moran Towing and Transportation Co., Inc., concerning the disposal of polychorinated biphenel in the Atlantic Ocean at an approved government dumping ground.

This is to advise you that before a determination can be made whether or not to permit the disposal of this material in the Atlantic Ocean, the material must meet with approval from several governmental agencies. Therefore, it will be necessary that further information be submitted to this office for consideration. The inclosed sheet lists the specific information that is requested so that this determination may be made.

Sincerely yours,

R. H. WUESTEFELD
Acting Chief, Operations Division

1 Incl
Information sheet

DSW 199933

STLCOPCB4057997

INFORMATION NECESSARY IN DETERMINING IMPACT OF CHEMICAL WASTE DISPOSAL ON MARINE RESOURCES

1. Names of companies from which wastes originate and processes of which they are the by-products.

2. Individual chemical components of the wastes, listed, if possible, by generic name, or at least by the family of compounds to which each belongs, and identified as to amount of organic and inorganic materials.

3. Concentration and specific gravity of each individual chemical in the wastes.

4. Amounts of Biological Oxygen Demand (BOD), Chemical Oxygen Demand (COD), and Total Solids contained in the wastes.

5. Hypothetical analysis of behavior of waste materials subsequent to dumping in proposed locations, including specifically:

   a. Fractions of load which would float, or sink immediately, or dissolve immediately and the composition of each fraction.

   b. Rate of hydroloysis.

   c. Rate and pattern of dispersal from time of release until no longer identifiable.

   d. Particle size of insoluble fraction.

   e. Kinds and amounts of substances that would leach out of insoluble fraction and rate of leaching.

6. Procedures used in making the foregoing analyses of composition and behavior of the wastes, with citation of a published reference for each.

7. Operational data, including:

   a. Volume and weight loaded per ship.

   b. Volume and weight dumped per ship.

   c. Number of trips per year and frequency.

   d. Total amount of material to be disposed of annually.

   e. Description of dumping mechanism and procedure to be followed during dumping operation (i.e. movement of ship, one release or a series, etc.).

DSW 199934

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