AUGUST 20, 1976

EPA WITNESS LIST - HEARINGS ON PROPOSED TOXIC POLLUTANT EFFLUENT STANDARDS FOR POLYCHLORINATED BIPHENYLS (PCB's) PURSUANT TO FWPCA §307(a)

Witness	Subject
1. Donald I. Mount, Ph.D.; Environmental Research Lab., EPA, Duluth, Minn.	General principles of toxicity to aquatic organisms MAY NOT HAVE EXPERT;
2. Ian C.T. Nisbet, Ph.D., Director Scientific Staff Massachusetts Audubon Society	EPA's criteria document for PCB's (Chapter I-IV) Environmental fate, occurrence, and transport DR. COULSTON
3. Gilman Veith, Ph.D. EPA Water Quality Lab., Duluth, Minn.	Bioaccumulation and transport of PCB's in the fresh water aquatic environment; chemistry of PCB's; measuring methods and capability LATER WESTINGHOUSE
4. Allan V. Nebeker, Ph.D., Environmental Research Lab., EPA, Corvallis Oregon	Freshwater aquatic toxicity and bioaccumulation LATER
5. David J. Hansen, Environmental Research Lab. EPA, Gulf Breeze Fla.	Acute and chronic effects on, and accumulation by, estuarine organisms LATER
6. DelWayne Nimmo, Environmental Research Lab. EPA, Gulf Breeze, Fla.	Effects of PCBs from industrial discharge on organisms in Escambia Bay, Florida
7. David Young, Ph.D., Southern California Coastal Water Research Project, El Segundo, California	Persistence and transport of PCB's

MONS 093465

	Witness	Subject
8.	Dr. Robert Risebrough Ph.D. Bodega Marine Lab. Univ. of Calif., Bodega Bay, Calif.	Bioaccumulation of PCB's in the aquatic environment
9. ✓	Thomas O. Munson, Ph.D. EPA Region III Field Office, Annapolis, Md.	Transport and persistence of PCB's in the Upper Chesapeake Bay area; measuring technology and capabilities WESTING HOUSE
10.	David Armstrong, Ph.D. Univ. of Wisconsin	Persistence of PCB's in the environment, including sediments. MEURER TUCKER & MINNESOTA
11.	Dr. Robert K. Ringer Michigan State Univ.	Acute toxicity of PCB's to mink, including poisoning of mink by PCB-contaminated fish COULSON
12.	James R. Allen, P.V.M., Ph.D., Dept. of Pathology and Regional Primate Research Center, Univ. of Wisconsin	Pathobiological responses of primates to PCB's exposure COULSON
13.	Wilbur McNulty, Ph.D. Oregon Primate Center	Toxicity of PCB's to primates Need week of 9/6
14.	Renate Kimbrough, M.D. Center for Disease Control, U.S. Public Health Service, Dept. of Health, Education, and Welfare, Atlanta, Georgia	Pathological findings associated with chronic experimental exposure to PCB's
15.	Dr. Robert Squire National Cancer Inst.	Analysis and diagnosis of the findings in studies conducted by Dr. Kimbrough on test animals, including findings with respect to carcinogenicity
16.	Dr. Harry Gelboin, National Cancer Inst.	Significance of enzyme induction in the context of carcinogenicity
17.	Leonard J. Guarraia Chief, Criteria Branch, Criteria & Standards Div. Office of Water Planning and Standards, EPA	Determination of proposed ambient water criterion (See Criteria Document, Chapt. V) (COULSON)

MONS 093466

Witness	Subject
18. Donald Sargent, Versar Inc., Springfield, Va.	Wastewater treatment technology available to eliminate or reduce discharge of PCB's in the wastewaters of manufacturers of PCB's, and manufacturers of transformers and capacitors utilizing PCB's or both

(The Agency may also call either/of two additional persons who worked with Mr. Sargent in the preparation of the wastewater treatment technology reports by Versar which were referenced in the Agency's notice of proposed toxic pollutant effluent standards published in the Federal Register on July 23, 1976. These witnesses are Dr. Robert Durfee and Mrs. Gayaneh Contos.)

19.	Richard J. Callaway Environmental Research Lab. EPA, Corvallis, Oregon	Dispersion and dilution following discharge
20.	Joseph Rizzo, Calgon Corp., Pittsburg, Pa.	Feasibility and availability of treatment technology based upon granular activated carbon to achieve reduction of PCB's in industrial effluents
21.	Louis DuPuis, Office of Water Planning and Standards, EPA	EPA's economic impact assessment of the standards proposed by EPA on July 23, 1976
22.	A witness on ultra-violet assisted ozonation	Operation; capability of reducing or eliminating PCBs from industrial effluents; costs.
23.	A witness on available substitutes for PCB's for transformers and capacitors	

(The Agency will also request the Administrative Law Judge to take official notice pursuant to Section 104.9(g) of the Rules of Practice, of the testimony of William Brungs, of EPA Laboratory in Duluth, Minnesota, with respect to mixing zones, Exhibit EPA 25 in Matter of Proposed Toxic Pollutant Effluent Standards for Aldrin/Dieldrin, DDT, Endrin and Toxaphene, FWPCA (307) Docket No. 2.)

MONS 093467