MONDAY

Morning Session:

8:30 J. Hook
Michigan State University
Welcome

J. Cantlon
Michigan State University
Purpose of the conference; the global problem of environmental contamination in a chemically oriented society. The broad issue of PCBs in the Great Lakes.

9:00 W. Swain
EPA
Grosse Isle
The scientific basis for concern about PCBs in the Great Lakes. "What is the problem?"

*9:45 W. Willford
Bureau of Sport Fisheries & Wildlife
Has the amount of PCB contamination in the Great Lakes changed with time? What are present levels and future trends?

Break

10:45 A. Kolbe
United States FDA
How do we use scientific information to arrive at guidelines to regulate tolerable concentrations of PCBs? Why are there different guidelines for sports fishermen and commercial fishermen?

11:30 C. Fetterolf
Great Lakes Fishery Commission
The importance of Great Lakes fisheries as a regional resource.

Afternoon session:

1:30 T. Washington
Michigan United Conservation Clubs
The environmentalist's view of PCBs in the Great Lakes.

1:50 C. Ver Duin
Michigan Fisheries Development, Inc.
The commercial fishermen's view of PCBs in the Great Lakes; economic impact of regulating toxic materials in the Great Lakes; balance of scientific documentation of effect vs. economic impact.

* Tentative speaker

Monday - continued

2:10 W. Baird
Lake City, Michigan
What is the source of public confusion about these issues? Why doesn't the public understand? What can be done about it?

2:30 S. Eisenreich
University of Minnesota
What are the sources and sinks for PCBs in the Great Lakes ecosystem?

Break

3:15 J. Lech
Medical College of Wisconsin
Why are PCBs a particular problem in fish? How are PCBs biomagnified in fish?

3:35 M. Zabik
Michigan State University
Chemistry of PCBs; how they are analyzed; reproducibility of results from lab to lab.

3:55 M. Mullen
EPA
Grosse Isle
Identification PCB cogeners; isolating effects of PCBs from those of furans and other contaminants.

4:15 A. Gilman
Canadian Food and Drug
How do you make a statistically valid sampling of PCBs in fish?

4:35 W. McCracken
Michigan Department of Natural Resources
Edible tissue sampling from various species of Great Lakes fish.

TUESDAY

Morning session:

9:00 J. Goodman
Michigan State University
Introduction to toxicology.

*9:30 H. Matthews
National Institute of Environmental Health Sciences
Metabolism of PCBs in mammals; routes of entry, storage, excretion.

10:00 S. Sleight
Michigan State University
Toxicology of PCBs in mammals especially liver damage; reversibility of effects.

Break

10:45 J. Trosko
Michigan State University
Potential carcinogenicity of PCBs; initiation vs. promotion.

11:15 F. Welsch
Michigan State University
Teratology of PCB, interactions with other chemicals.

11:45 R. Ringer
Michigan State University
Toxicology of PCBs in small mammals.

Afternoon session:

1:30 R. Hartung
University of Michigan
Risk assessment; use of various models in extrapolating toxicology toxicology data to humans.

Break

3:00 W. Gaffey
Monsanto Corporation
Epidemiology of PCBs in workers.

3:30 G. Fine
University of Michigan
Assessment of behavioral teratology of PCBs.

4:00 H. Humphrey
Michigan Department of Public Health
Population studies of PCBs in Michigan residents.

* Tentative speaker

WEDNESDAY

9:00 E. Van Ravenswaay
Michigan State University
Theoretical and practical considerations in regulatory decision making.

9:30 A. Hoeting
United States FDA
Regulation of PCBs in the USA.

10:00 D. Grant
Canadian Food and Drug
Regulation of PCBs in Canada

Break

*10:45
Dealing with multi-agency and multi-state regulation.

11:15 Representative Thomas J. Anderson
Michigan
How to legislate regulation of toxic substances for the public good; health benefits vs. societal costs.

11:45 Panel discussion - Moderator, W. Cooper, Michigan State University

The problems of legislative mandates and regulations.
Morning speakers and
H. Humphrey, Michigan Department of Public Health
B. Cardwell, Michigan Department of Agriculture
S. Aust, Michigan Toxic Substance Control Commission
W. McCracken, Michigan Department of Natural Resources

* Tentative speaker