EPRI
Electric Power
Research Institute

September 15, 1983

TO: Technical Colleague

SUBJECT: PCB Seminar
December 6-8, 1983
Waverly Hotel
Atlanta, Georgia

Your are invited to attend a three day PCB seminar sponsored by the Electric Power Research Institute. The seminar will provide electric utility engineers with accurate first-hand data which will permit knowledgeable decisions in matters concerning PCB and PCDF problems.

Enclosed are a preliminary agenda for the seminar, an attendance registration form, and a hotel reservation card. The preliminary agenda has been issued in order to present a timely view of the program. A final agenda incorporating any necessary changes will be issued at the time of the meeting.

The hotel is reserving a block of rooms for us until November 14. Single room rate is $75.00 and double $95.00. We urge that you make your reservation early since space is limited. Please use the reservation card up to the cut-off date, but in any case make your reservation with the clear understanding that it is for the EPRI meeting so that we receive credit toward the meeting room use.

See you in Atlanta.

Sincerely,

Gil Addis
Co-Chairman
Project Manager, EPRI

Ralph Komai
Co-Chairman
Project Manager, EPRI

Enclosure

GA/tt

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MONS 225470

TO: Ms. Tasia Toombs
EPRI
P. O. Box 10412
Palo Alto, CA 94303
(415) 855-8973

SUBJECT: PCB Seminar
December 6-8, 1983
Waverly Hotel
Atlanta, Georgia

Subject only to a timely cancellation notice, it is my intention to attend your seminar:

NAME_____

TITLE_____

ORGANIZATION_____

ADDRESS_____

CITY/STATE/ZIP_____

TELEPHONE_____

MEMBER UTILITY_____YES _____NO

Fee Schedule (includes cost of Luncheons, Continental Breakfasts, etc.)

- o EPRI member utility attendees.....$ 75.00
- o Speakers (one for each paper).....No Charge
- o Federal and State government attendees.....$ 75.00
- o Educational institution attendees.....$ 75.00
- o All other attendees.....$275.00

Enclosed with this pre-registration request is my check to EPRI/2028-99 in the amount of $_____.

MONS 225471

PCB Seminar

The three-day seminar on PCB-related technologies is being presented by EPRI's Interdivisional PCB Task Force. The information to be presented will be most timely as it concerns PCB and PCDF contamination detection, removal and disposal. The seminar will provide electric utility engineers with accurate first-hand data which will permit knowledgeable decisions in matters concerning PCB and PCDF problems.

The three-day seminar will feature presentations by representatives of the utility industry, manufacturers, universities, government and the R&D community.

For further technical information please contact:

Dr. Gilbert Addis or Dr. Ralph Kamal
Electric Power Research Institute
P.O. Box 10412
Palo Alto, California 94303
(415) 855-2700 or (415) 855-2403

Agenda

Tuesday, December 6, 1983

8:30 Introduction
EPRI

8:40 Keynote Speaker

9:00 Update on PCBs
Baltimore Gas and Electric

9:30 EPRI Update
EPRI

10:00 Break

Detection and Analysis of PCBs

10:30 How to Interpret PCB in Oil
Test Kit Results
Westinghouse Electric Corporation

11:00 CLOR-N-OIL® Chemical Test Kit
Dexsil

11:30 Detection of PCBs by Infrared Spectroscopy
Battelle, Columbus

12:00 Lunch

1:15 Field Determination of Aroclors Using an Automated Electron Capture Detector Gas Chromatograph
2-Cubed

1:45 Semiquantitative Detection of PCBs in Contaminated Soils by Thin-Layer Chromatography
Commonwealth Edison Company

2:15 Specific X-Ray Fluorescence Detection of PCBs in Transformer Oils Utilizing Liquid Chromatographic Sample Concentration
University of Massachusetts

2:45 Break

Retrofill

3:15 The Utility PCB Dilemma—Retrofit or Replacement?
Pacific Gas and Electric Company

3:45 Cleaning Askarel Transformers Using Silicone Retrofit and Adsorption Techniques to Remove Residual PCBs
Bow Corning Corporation

4:15 C_2Cl_6 as a PCB Substitute for Transformer Applications
Westinghouse Electric Corporation

4:45 Re-retrofilling an RTemp Retrofitted PCB Transformer
Mid Electrical Testing Company Inc.

5:15 Adjourn

Wednesday, December 7, 1983

Spill Chemical and Biodegradation

8:30 Cleanup of Soils Contaminated With PCBs
Atlantic Research Corporation

9:00 Cleaning of PCB Contaminated Soils
Aceros Waste Technologies Inc.

9:30 The Cost of PCB Spill Cleanup—A Question of Degree
SCS Engineers

10:00 Break

10:30 Innovative Design Company for Prevention of Airborne PCB Contamination
West and Hanson Engineers Inc.

11:00 Application of Biotechnology to PCB Disposal Problems
Leland B. Allgeyer and Associates

11:30 Biodegradation of PCBs—
General Electric

12:00 Lunch

1:15 Degradation of PCBs in Soil by Composting
Atlantic Research Corporation

1:45 Bacterial Degradation of Polychlorinated Biphenyls in Sludge From an Industrial Sewer Lagoon
NASA Lewis Research Center

PCB Destruction

2:15 Destruction of High Concentration PCBs in a Utility Boiler
Union Electric Company

2:45 Break

3:15 PCB Capacitor Destruction Process
Electro-Petroleum Inc.

3:45 Chemical Detoxification of PCB Capacitors
Aceros Waste Technologies Inc.

4:15 Mobile Plasma Pyrolysis
Royal Military College of Canada

4:45 PCB Incineration
Ohio-Ohmic (France)

5:15 Adjourn

Thursday, December 8, 1983

PCB Fires and PCDF

8:30 Remedial Methods for PCBDs and PCDFs Resulting From PCB Transformer Fires
U.S. Environmental Protection Agency

9:00 PCDFs and PCB—Transformer Fires—Toxic Hazards and Determination of Decontamination Guidelines
Pacific Gas and Electric Company

9:30 PCB Versus PCDF—Capacitor Workers Versus Vaults
General Electric Company

10:00 Break

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10:30 Chemistry of PCDDs and PCDFs
SCS Engineers

11:00 An Update on Analytical Methods for PCB, PCDF, and PCDD
Battelle's Columbus Laboratories

11:30 Detection of PCDFs and Other Chlorinated Pyrolysis Products in the Best Formed in PCB Fires
Radian Corporation

12:00 Lunch

Decontamination of Mineral Oil

1:15 Solvent Extraction for Decontamination of Mineral Oil
General Electric Company

1:45 Pilot Plant Studies for Solvent Extraction of PCB From Transformer Oil
Oak Ridge Y-12 Plant

2:15 Statistical Survey of PCB Contamination in Substation and Distribution System Equipment Containing Mineral Oil
Southern California Edison Company

2:45 Break

3:15 Transformer PCB Risk Assessment and Option Analysis
High Voltage Maintenance Corporation

3:45 Current Status of PCBR Technological Capabilities
Sunohio

4:15 Destruction of PCBs in Mineral Oil by NaPEG®
Philadelphia Electric Company

4:45 Adjourn

RP2000-00

EPRI

ELECTRIC POWER RESEARCH INSTITUTE
P.O. Box 10412, Palo Alto, California 94303

EPRI

PCB Seminar

Sponsored by
ELECTRIC POWER RESEARCH INSTITUTE

December 6-8, 1988
The Waverly Hotel
Atlanta, Georgia

MONS 225473