

HUDSON RIVER PCBs
ADMINISTRATIVE RECORD UPDATE #9
INDEX OF DOCUMENTS

2.0 REMOVAL RESPONSE

2.3 EE/CA Approval Memorandum (for non-time critical removals)

P. 200001- Memorandum to Mr. Richard L. Caspe, Director,
200011 Emergency and Remedial Response Division, U.S.
EPA, Region II, from Mr. J. Jeff Josephson,
Remedial Project Manager, Emergency and Remedial
Response Division, U.S. EPA, Region II, re:
Engineering Evaluation/Cost Analysis Approval
Memorandum, December 12, 2000.

Doc ID# 68389

3.0 REMEDIAL INVESTIGATION

3.2 Sampling and Analysis Data/Chain of Custody Forms

P. 316949 - Report: Fort Edward Dam PCB Remnant Containment
317136 1993 Post-Construction Monitoring Program,
prepared by O'Brien & Gere Engineers, Inc.,
prepared for General Electric Company Corporate
Environmental Programs, May 1994.

Doc ID# 68390

P. 317137 - Memorandum to Mr. Larry Skinner, New York State
317158 Department of Environmental Conservation, from Mr.
Robert Bauer, New York State Department of
Environmental Conservation, re: Comparison Study
of Contract Labs for Total PCB and % Lipids,
January 17, 1996.

Doc ID# 68391

P. 317159 - Letter to Mr. Douglas J. Tomchuk, Remedial Project
317164 Manager, Emergency and Remedial Response Division,
U.S. EPA, Region II, Mr. Ronald Sloan, Division of
Hazardous Waste Remediation, New York State
Department of Environmental Conservation, and Mr.

Doc ID# 68392

Jay Field, Bureau of Hazardous Material
Remediation, National Oceanic and Atmospheric
Administration, from Mr. John G. Haggard,
Engineering Project Manager, Corporate
Environmental Programs, General Electric Company,
re: PCB Analysis of Archived Fish (1990)
Collection Samples, August 13, 1996.

- P. 317165 - Letter to Mr. Douglas J. Tomchuk, Remedial Project
317550 Manager, Emergency and Remedial Response Division,
U.S. EPA, Region II, from Mr. John G. Haggard,
Engineering Project Manager, GE Corporate
Doc ID# 68393 Environmental Programs, General Electric Company,
re: 1997 Annual Hudson River Monitoring Report,
November 24, 1998. (Attachment: Report: Fort
Edward Dam PCB Remnant Containment, 1997 Post-
Construction Remnant Deposit Monitoring Program,
prepared by O'Brien & Gere Engineers, Inc.,
prepared for General Electric Company Corporate
Environmental Programs, November 1998.)
- P. 317551 - Letter to Ms. Alison A. Hess, Project Manager,
317553 U.S. EPA, Region II, from Mr. Adam Ayers, Project
Scientist, General Electric Company, re: Upper
Hudson River Submerged Aquatic Vegetation Data
Doc ID# 68394 Files, August 25, 2000. (Attachment: Two Upper
Hudson River SAV Data CD ROMs.)
- P. 317554 - Letter to Mr. Douglas J. Tomchuk, Remedial Project
317769 Manager, Emergency and Remedial Response Division,
U.S. EPA, Region II, from Mr. Robert G. Gibson,
Engineering Project Manager, GE Corporate
Doc ID# 68395 Environmental Programs, General Electric Company,
re: Hudson River Monitoring Program 2000 Summary
Report, April 13, 2001. (Attachment: Report:
Final Hudson River Monitoring Program - 2000
Summary Report, prepared by Quantitative
Environmental Analysis, LLC., prepared for General
Electric Company Corporate Environmental Programs,
April 2001.)

3.4 Remedial Investigation Reports

- P. 317770 - Report: Toxicants in Snapping Turtles, prepared by
317782 Mr. Ward B. Stone, Associate Wildlife Pathologist,
New York State Department of Environmental
Conservation, Mr. Eric Kiviat, Research Associate
in Ecology, Bard College, and Mr. Stanley A.
Doc ID# 68396 Butkas, Histology Technician, New York State
Department of Environmental Conservation, prepared
for New York Fish and Game Journal, 1980.
- P. 317783 - Letter to Chief, Response and Prevention Branch,
317817 U.S. EPA, Region II, from Mr. M. Peter Lanahan,
Manager, GE Corporate Environmental Programs,
General Electric Company, re: Continuous Release
Report (CR-ERNS # 140381) Annual Update, December
Doc ID# 68397 8, 1993. (Attachment: Report: Hudson River
Project Continuous Release Report Addendum II,
prepared by O'Brien & Gere Engineers, Inc.,
prepared for General Electric Company Corporate
Environmental Programs, December, 1993.)
- P. 317818 - Report: A Brief Report on PCB in Hudson River
317885 Striped Bass, prepared by Ronald Sloan, Division
of Fish and Wildlife, New York State Department of
Environmental Conservation, July 1994.
Doc ID# 68398
- P. 317886 - Letter to Chief, Response and Prevention Branch,
317888 U.S. EPA, Region II, from Mr. M. Peter Lanahan,
Manager, GE Corporate Environmental Programs,
General Electric Company, re: Continuous Release
Report - Emergency Response Notification System
(CR-ERNS) Number 140381 Notification of Change in
Information, July 22, 1994.
Doc ID# 68399
- P. 317889 - Report: PCB Levels in Fish from the Upper Hudson
317900 River, prepared by Division of Environmental
Health Assessment, New York State Department of
Health, July 1995.
Doc ID# 68400
- P. 317901 - Memorandum to distribution, from Mr. Frank D.
317911 Estabrooks, New York State Department of
Environmental Conservation, re: Heavy Metals in
Hudson River Sediment Cores, July 17, 1995.
Doc ID# 68401

- P. 317912 - Report: PCB Paradigms for Striped Bass in New
318030 York State prepared by Mr. Ronald Sloan, Bureau of
Environmental Protection, Division of Fish and
Wildlife, New York State Department of
Environmental Conservation, Mr. Byron Young
Division of Marine Resources, New York State
Department of Environmental Conservation, Ms.
Kathy Hattala, Hudson River Fisheries Unit, Bureau
of Fisheries, Region 3, New York State Department
of Environmental Conservation, October, 1995.
Doc ID# 68402
- P. 318031 - Report: GC/HRMS Analyses of Non-Ortho-Chloro-
318041 Substituted Polychlorinated Biphenyls in Ducks and
Tree Swallows, Tree Swallow Eggs, and Insects from
the Hudson River Area, prepared by Paul H.
Peterman, Chemist, GC/MS, National Biological
Service, U.S. Department of the Interior, prepared
for Ms. Anne Secord, U.S. Fish and Wildlife
Service, September 20, 1996.
Doc ID# 68403
- P. 318042 - Report: Polychlorinated Biphenyl Contamination of
318044 Tree Swallows in the Upper Hudson River Valley,
New York. Effects on Breeding Biology And
Implications for Other Bird Species, prepared by
Ms. Anne L. Secord, New York Field Office, U.S.
Fish and Wildlife Service, and Dr. John P.
McCarty, New York Field Office, U.S. Fish and
Wildlife Service, March, 1997.
Doc ID# 68404
- P. 318045 - Letter to Mr. Ronald Sloan, New York State
318046 Department of Environmental Conservation and Mr.
Douglas J. Tomchuk, U.S. EPA, Region II, from Mr.
John G. Haggard, Engineering Project Manager, GE
Corporate Environmental Programs, General Electric
Company, re: Ecological Field Study - Ecological
Value and Food Web Structure of the Aquatic
Vegetation Communities of the Upper Hudson River,
August 13, 1997.
Doc ID# 68405
- P. 318047 - Report: Nest - Building Behavior in PCB -
318055 Contaminated Tree Swallows, prepared by Dr. John
P. McCarty, Section of Ecology and Systematics,
Cornell University and Ms. Anne L. Secord, New
York Field Office, U.S. Fish and Wildlife Service,
prepared for The Auk, January, 1999.
Doc ID# 68406

P. 318056 - Letter to Mr. James Colquhoun, from Ronald Sloan,
318087 Ph.D., Research Scientist, New York State
Department of Environmental Conservation re:
Briefing on 1997 Striped Bass PCB Results,
February 11, 1999.
Doc ID# 68407

P. 318088 - Report: Phase 2 Report - Review Copy, Further Site
318219 Characterization and Analysis, Volume 2D -
Baseline Modeling Report, Hudson River PCBs
Doc ID# 68408 Reassessment RI/FS, Book 1 of 4, Fate and
Transport Models, prepared by Limno-Tech, Inc.,
Menzie-Cura & Associates, Inc., and Tetra Tech,
Inc., prepared for U.S. EPA, Region II and U.S.
Army Corps of Engineers, Kansas City District, May
1999.

P. 318220 - Report: Phase 2 Report - Review Copy, Further Site
318350 Characterization and Analysis, Volume 2D -
Baseline Modeling Report, Hudson River PCBs
Doc ID# 68409 Reassessment RI/FS, Book 2 of 4, Fate and
Transport Models, prepared by Limno-Tech, Inc.,
Menzie-Cura & Associates, Inc., and Tetra Tech,
Inc., prepared for U.S. EPA, Region II and U.S.
Army Corps of Engineers, Kansas City District, May
1999.

P. 318351 - Report: Phase 2 Report - Review Copy, Further Site
318475 Characterization and Analysis, Volume 2D -
Baseline Modeling Report, Hudson River PCBs
Doc ID# 68410 Reassessment RI/FS, Book 3 of 4, Bioaccumulation
Models, prepared by Limno-Tech, Inc., Menzie-Cura
& Associates, Inc., and Tetra Tech, Inc., prepared
for U.S. EPA, Region II and U.S. Army Corps of
Engineers, Kansas City District, May 1999.

P. 318476 - Report: Phase 2 Report - Review Copy, Further Site
318626 Characterization and Analysis, Volume 2D -
Baseline Modeling Report, Hudson River PCBs
Doc ID# 68411 Reassessment RI/FS, Book 4 of 4, Bioaccumulation
Models, prepared by Limno-Tech, Inc., Menzie-Cura
& Associates, Inc., and Tetra Tech, Inc., prepared
for U.S. EPA, Region II and U.S. Army Corps of
Engineers, Kansas City District, May 1999.

3.5 Correspondence

- P. 318627 - Letter to Mr. Douglas Beach, Endangered Species
318627 Coordinator, Environmental Assessment Branch,
National Marine Fisheries Service, from Mr. Robert
W. Hargrove, Chief, Environmental Impacts Branch,
U.S. EPA, Region II, re: Federal endangered or
threatened species or critical habitats near the
Hudson River PCBs site, October 16, 1991.
Doc ID# 68412
-
- P. 318628 - Letter to Mr. Leonard Corin, Field Supervisor,
318629 U.S. Fish and Wildlife Service, from Mr. Robert W.
Hargrove, Chief, Environmental Impacts Branch,
U.S. EPA, Region II, re: Federal endangered or
threatened species or critical habitats near the
Hudson River PCBs site, October 16, 1991.
Doc ID# 68413
-
- P. 318630 - Letter to Mr. Robert W. Hargrove, Chief,
318631 Environmental Impacts Branch, U.S. EPA, Region II,
from Mr. Douglas W. Beach, Fishery Biologist,
National Marine Fisheries Service, re: Federal
endangered or threatened species or critical
habitats near the Hudson River PCBs site, October
21, 1991.
Doc ID# 68414
-
- P. 318632 - Letter to Mr. Robert W. Hargrove, Chief,
318633 Environmental Impacts Branch, U.S. EPA, Region II,
from Mr. Leonard Corin, Field Supervisor, U.S.
Fish and Wildlife Service, re: Federal endangered
or threatened species or critical habitats near
the Hudson River PCBs site, November 13, 1991
Doc ID# 68415
-
- P. 318634 - Letter to Mr. Douglas J. Tomchuk, Remedial Project
318638 Manager, Emergency and Remedial Response Division,
U.S. EPA, Region II, from Mr. John G. Haggard,
Engineering Project Manager, GE Corporate
Environmental Programs, General Electric Company,
re: Transmittal of Data Collected by GE - Hudson
River, June 10, 1993.
Doc ID# 68416
-
- P. 318639 - Letter to Ms. Kathleen C. Callahan, Acting Deputy
318642 Regional Administrator, U.S. EPA, Region II, from
Mr. M. Peter Lanahan, Manager, GE Corporate
Environmental Programs, General Electric Company,
re: General Electric objects to the start of Phase
3 Hudson River Reassessment, February 23, 1994.
Doc ID# 68417
-

P. 318643 - Letter to Mr. John G. Haggard, Engineering Project
318643 Manager, GE Corporate Environmental Programs,
General Electric Company, from Mr. Douglas J.
Doc ID# 68418 Tomchuk, Project Manager, U.S. EPA, Region II, re:
Hudson River PCBs Site - Meeting on Uptake of PCBs
by Fish, April 11, 1994.

P. 318644 - Letter to Mr. M. Peter Lanahan, Manager, Hudson
318645 River Project, General Electric Company, from Ms.
Kathleen C. Callahan, Acting Deputy Regional
Doc ID# 68419 Administrator, U.S. EPA, Region II, re: Response
to General Electric objection to the start of
Phase 3 Hudson River Reassessment, April 29, 1994.

P. 318646 - Letter to Mr. Douglas J. Tomchuk, Remedial Project
318650 Manager, Emergency and Remedial Response Division,
U.S. EPA, Region II, from Mr. John G. Haggard,
Doc ID# 68420 Engineering Project Manager, GE Corporate
Environmental Programs, General Electric Company,
re: Hudson River Reassessment RI/FS, July 26,
1994.

P. 318651 - Letter to Mr. Douglas J. Tomchuk, Remedial Project
318653 Manager, Emergency and Remedial Response Division,
U.S. EPA, Region II, from Mr. Melvin B. Schweiger,
Doc ID# 68421 Manager, GE Corporate Environmental Programs,
General Electric Company, re: Addressing the
Anomalous Loading of PCBs in the Thompson Island
Pool at the Hudson River PCB Superfund Site,
August 15, 1996.

P. 318654 - Letter to Paul Simon, Esq., Office of Regional
318661 Counsel, U.S. EPA, Region II, from Mr. Angus
Macbeth, Sidley & Austin, re: Hudson River PCB
Doc ID# 68422 Superfund Site: Lower River Sources of PCBs,
October 4, 1996.

P. 318662 - Letter to Mr. Douglas J. Tomchuk, Remedial Project
318665 Manager, Emergency and Remedial Response Division,
U.S. EPA, Region II, and Dr. Stephen Hammond,
Doc ID# 68423 Hazardous Waste Remediation, New York State
Department of Environmental Conservation, from Mr.
John G. Haggard, Engineering Project Manager, GE
Corporate Environmental Programs, General Electric
Company, re: Hudson River Data Collection Program,
March 20, 1997.

P. 318666 - Letter to Mr. Douglas J. Tomchuk, Remedial Project
318667 Manager, Emergency and Remedial Response Division,
U.S. EPA, Region II, from Mr. John G. Haggard,
Engineering Project Manager, GE Corporate
Doc ID# 68424 Environmental Programs, General Electric Company,
re: Comment on the Scenic Hudson Dredging
Proposal, July 21, 1997.

P. 318668 - Letter to Mr. Douglas J. Tomchuk, Remedial Project
318669 Manager, Emergency and Remedial Response Division,
U.S. EPA, Region II, from Mr. John G. Haggard,
Engineering Project Manager, GE Corporate
Doc ID# 68425 Environmental Programs, General Electric Company,
re: Comment on the Scenic Hudson Dredging
Proposal, August 13, 1997.

P. 318670 - Letter to Ms. Jeanne M. Fox, Regional
318671 Administrator, U.S. EPA, Region II, from Ms.
Merrilyn Pulver, Councilwoman, Town of Fort
Doc ID# 68426 Edward, re: U.S. EPA's program of public
participation for the Hudson River PCBs
Reassessment, January 6, 1998.

P. 318672 - Memorandum to the File, from Ronald Sloan,
318680 Ph.D., Research Scientist, New York State
Department of Environmental Conservation re: Re-
Doc ID# 68427 evaluation of the Hudson River Yearling
Pumpkinseed, January 19, 1998.

P. 318681 - Memorandum to Mr. Melvin B. Schweiger, Manager, GE
318701 Corporate Environmental Programs, General Electric
Company and Mr. John G. Haggard, Engineering
Doc ID# 68428 Project Manager, GE Corporate Environmental
Programs, General Electric Company, from Mr. James
Rhea, HydroQual, Inc., re: Hudson River Project:
Evaluation of Analytical Bias in the USGS Water
Column Database, January 29, 1998.

P. 318702 - Letter to Ms. Merrilyn Pulver, Councilwoman, Town
318703 of Fort Edward, from Mr. Richard Caspe, Director,
Emergency and Remedial Response Division, U.S.
Doc ID# 68429 EPA, Region II, re: U.S. EPA's program of public
participation for the Hudson River PCBs
Reassessment, February 26, 1998.

P. 318704 - Letter to Mr. Douglas J. Tomchuk, U.S. EPA, Region
318706 II and Ronald Sloan, Ph.D., Division of Fish and

Wildlife, New York State Department of Environmental Conservation, from Mr. John G. Haggard, Engineering Project Manager, GE Corporate Environmental Programs, General Electric Company, re: submittal of the report entitled Data Documentation and Interpretation Report: Submerged Aquatic Vegetation and Fish Community Analysis, April 16, 1998.

P. 318707 - Letter to Mr. Douglas J. Tomchuk, U.S. EPA, Region
318709 II and Ronald Sloan, Ph.D., Division of Fish and Wildlife, New York State Department of Environmental Conservation, from Mr. John G. Haggard, Engineering Project Manager, GE Corporate Environmental Programs, General Electric Company, re: submittal of the report entitled Data Report: Macroinvertebrate Communities and Diets of Selected Fish Species in the Upper Hudson River, May 1, 1998.

Doc ID# 68431

P. 318710 - Letter to Mr. Mike Stoll, United States Department
318710 of the Interior Fish and Wildlife Service, from Ms. Helen Chernoff, Senior Scientist, TAMS Consultants, Inc., re: Updating a list of federal and state endangered, threatened, and rare species and significant habitats along the Hudson River, March 23, 1999.

Doc ID# 68432

P. 318711 - Letter to Ms. Helen Chernoff, Senior Scientist,
318715 TAMS Consultants, Inc., from Mr. Mark W. Clough acting for Mr. David A. Stilwell, Acting field Supervisor, United States Department of the Interior Fish and Wildlife Service, re: Letter of March 23, 1999, requesting information on federal and state endangered, threatened, and rare species and significant habitats along the Hudson River, April 14, 1999. (Attachment: Federally Listed and Proposed Endangered and Threatened Species in New York, November 4, 1997.)

Doc ID# 68433

P. 318716 - Letter to Ms. Jeanne M. Fox, Regional
318717 Administrator, U.S. EPA, Region II, from Mr. Stephen D. Ramsey, Vice President, GE Corporate Environmental Programs, General Electric Company re: Hudson River PCBs Superfund Site, May 10, 1999.

Doc ID# 68434

P. 318718 - Letter to Ms. Jeanne M. Fox, Regional
318719 Administrator, U.S. EPA, Region II, from Mr.
Stephen D. Ramsey, Vice President, GE Corporate
Environmental Programs, General Electric Company
Doc ID# 68435 re: Peer review of U.S. EPA and GE models of the
Upper Hudson River, May 28, 1999.

P. 318720 - Letter to Ms. Jeanne M. Fox, Regional
318720 Administrator, U.S. EPA, Region II, from Mr.
Stephen D. Ramsey, Vice President, GE Corporate
Environmental Programs, General Electric Company
Doc ID# 68436 re: Peer review of U.S. EPA and GE models of the
Upper Hudson River, June 2, 1999.

P. 318721 - Letter to Mr. Stephen D. Ramsey, Vice President,
318725 GE Corporate Environmental Programs, General
Electric Company, from Mr. Richard L. Caspe,
Director, Emergency and Remedial Response
Doc ID# 68437 Division, U.S. EPA, Region II, re: Hudson River
PCBs Superfund Site, June 10, 1999.

P. 318726 - Letter to Mr. Joseph J. Seebode, Chief, Regulatory
318727 Branch, U.S. Army Corps of Engineers, from Mr.
Douglas J. Tomchuk, project Manager, U.S. EPA,
Doc ID# 68438 Region II, re: Hudson River PCBs Superfund Site
and Public Notice Number: 1999-00380-YM & YN, June
24, 1999.

P. 318728 - Letter to Mr. John G. Haggard, Manager, Hudson
318733 River PCBs Program, General Electric Company, from
Mr. William J. McCabe, Deputy Director, Emergency
and Remedial Response Division, U.S. EPA, Region
Doc ID# 68439 II,, U.S. EPA, Region II, re: Hudson River PCBs
Reassessment, September 2, 1999.

P. 318734 - Letter to Mr. Stephen D. Ramsey, Vice President,
318735 GE Corporate Environmental Programs, General
Electric Company, from Mr. Richard L. Caspe,
Director, Emergency and Remedial Response
Doc ID# 68440 Division, U.S. EPA, Region II, re: Hudson River
PCBs Superfund Site, September 30, 1999.

P. 318736 - Letter to Honorable Jeanne M. Fox, Administrator,
318738 U.S. EPA, Region II, from Mr. Stephen D. Ramsey,
Vice President, GE Corporate Environmental
Programs, General Electric Company re: Hudson
Doc ID# 68441 River PCBs Superfund Site, November 9, 1999.

P. 318739 - Letter to Mr. Stephen D. Ramsey, Vice President,
318740 GE Corporate Environmental Programs, General
Electric Company, from Mr. Richard L. Caspe,
Director, Emergency and Remedial Response
Doc ID# 68443 Division, U.S. EPA, Region II, re: U.S. EPA's
decision not to conduct a simultaneous peer review
of the modeling studies prepared by EPA and GE,
January 6, 2000.

P. 318741 - Letter to Mr. Christopher Mantzaris, Assistant
318741 Regional Administrator for Protected Resources,
National Marine Fisheries, from Ms. Grace
Musumeci, Chief, Environmental Review Section,
Doc ID# 68442 Strategic Planning and Multi-Media Programs
Branch, U.S. EPA, Region II, re: Hudson River PCBs
Superfund Site, February 16, 2001.

P. 318742 - Letter to Ms. Grace Musumeci, Chief, Environmental
318743 Review Section, Strategic Planning and Multi-Media
Programs Branch, U.S. EPA, Region II, from Ms.
Mary Colligan, Acting Assistant Regional
Doc ID# 68444 Administrator for Protected Resources, National
Marine Fisheries, re: Request for information on
federally listed threatened or endangered species
and/or designated critical habitats along the
Hudson River, May 7, 2001.

P. 318744 - Memorandum to Ms. Alison A. Hess, Remedial Project
318751 Manager, Special Projects Branch, U.S. EPA, Region
II, from Ms. Mindy J. Pensak, Coordinator,
Doc ID# 68445 Biological Technical Assistance Group, U.S. EPA,
Region II, re: Biological Technical Assistance
Group Review, Hudson River PCBs, May 17, 2001.

4.0 FEASIBILITY STUDY

4.6 Correspondence

P. 402971 - Letter to All Interested Parties, from Mr. Douglas
402971 J. Tomchuk, Project Manager, U.S. EPA, Region II,
re: Clarification of certain language in the
Doc ID# 68446 feasibility study scope of work, November 5, 1998.

P. 402972 - Memorandum to Mr. Bruce Fidler, TAMS Consultants,
402977 Inc., from Mr. John Szeligowski, TAMS Consultants,
Inc., re: Sediment Transfer and Processing Sites,
Doc ID# 68447 January 17, 2001.

P. 402978 - Memorandum to Mr. Richard L. Caspe, Director,
402981 Emergency and Remedial Response Division, U.S.
EPA, Region II, from Mr. Bruce K. Means, Chair,
National Remedy Review Board, U.S. EPA, re:
Doc ID# 68448 National Remedy Review Board Recommendations for
the Hudson River PCBs Site, December 5, 2000.

P. 402982 - Memorandum to Mr. Bruce K. Means, Chair, National
402989 Remedy Review Board, U.S. EPA, from Mr. Richard L.
Caspe, Director, Emergency and Remedial Response
Doc ID# 68449 Division, U.S. EPA, Region II, re: National Remedy
Review Board Recommendations for the Hudson River
PCBs Site, January 18, 2001.

6.0 STATE COORDINATION

6.3 Correspondence

P. 600020 - Letter to Mr. Douglas J. Tomchuk, U.S. EPA, Region
600034 II, from Mr. John R. Dergosits, P.E., Canal
Environmental Engineer, Canal Operations and
Maintenance, New York State Canal Corporation, re:
Doc ID# 68450 Hudson River Reassessment, September 22, 1997.
(Attachments: (1) List of Champlain Canal areas
requiring dredging for navigational use, (2) New
York State Canal System Cruising Guide Champlain
Canal Maps.)

P. 600035 - Letter to Mr. Douglas J. Tomchuk, U.S. EPA, Region
600036 II, from Mr. John R. Dergosits, P.E., Canal
Environmental Engineer, Canal Operations and
Maintenance, New York State Canal Corporation, re:
Doc ID# 68451 Hudson River Reassessment, September 22, 1997.
(Attachment: (1) List of Champlain Canal areas
requiring dredging for navigational use.)

P. 600037 - Memorandum to Distribution from Ron Sloan, re:
600041 Error in Table Submitted with the January 25, 2000
letter, January 27, 2000. (Attachment: Letter to
Ms. Allison Hess, U.S. EPA, Region II, from Ronald
Sloan, Ph.D., Research Scientist, New York State
Doc ID# 68452 Department of Environmental Conservation, re:
enclosed summary table (Blue Ledge and Sherman
Island Pool Temporal PCB (ppm) Table) intended to
provide additional perspective on fish PCB levels
in the upper Hudson River.)

P. 600042 - Letter (with attachments) to Mr. Richard L. Caspe,
600045 Director, Emergency & Remedial Response Division,
U.S. EPA, Region II, from Mr. Michael J. O'Toole,
Jr., Director, Division of Environmental
Doc ID# 68453 Remediation, New York State Department of
Environmental Conservation, re: GE Hudson Falls,
December 11, 2000.

P. 600046 - Press Release: DEC: Mammals, Soil Near Hudson
600047 River Have Elevated PCB Levels, Preliminary
Findings Indicate River PCBs May Be Affecting
Wildlife, prepared by New York State Department of
Doc ID# 68454 Environmental Conservation, April 2, 2001.

10.0 PUBLIC PARTICIPATION

10.1 Comments and Responses

P. 10.2920 - Letter to Mr. Douglas J. Tomchuk, Remedial
10.2922 Manager, Emergency and Remedial Response Division,
U.S. EPA, Region II, from Mr. John G. Haggard,
Engineering Project Manager, GE Corporate
Doc ID# 68455 Environmental Programs, General Electric Company,
re: Hudson River PCB Site, April 30, 1992.

P. 10.2923 - Letter to Mr. Douglas J. Tomchuk, Remedial
10.3008 Project Manager, Emergency and Remedial Response
Division, U.S. EPA, Region II, from Mr. John G.
Haggard, Engineering Project Manager, GE Corporate
Doc ID# 68456 Environmental Programs, General Electric Company,
re: Comments on the Great Lakes Initiative, April
30, 1992. (Attachment: Report: Comments of
General Electric Company to the Drinking Water
Committee of the Science Advisory Board on the
Proposed Great Lakes Quality Initiative Human
Health - Based Water Quality Criteria, prepared by
Corporate Environmental Programs, General Electric
Company, April 10, 1992.)

P 10.3009 - Letter to Mr. Douglas J. Tomchuk, Remedial
10.3036 Project Manager, Emergency and Remedial Response
Division, U.S. EPA, Region II, from Mr. John G.
Haggard, Engineering Project Manager, GE Corporate
Doc ID# 68457 Environmental Programs, General Electric Company,
re: Reevaluation of PCB Toxicity, October 28,
1994. (Attachment: Report: A Comparison of Liver
Tumor Diagnoses from Seven PCB Studies in Rats,
prepared by Mr. John A. Moore, Institute for

Evaluating Health Risks, Mr. Jerry F. Hardisty, Experimental Pathology Laboratories, Inc., Ms. Debora A. Banas, Experimental Pathology Laboratories, Inc., Ms. Mary A. Smith, University of Georgia, 1994.)

- P. 10.3037 - Memorandum to Hudson River PCBs Environmental
10.3040 Liaison Group, from Ms. Cara Lee and Mr. Josh Cleland, Scenic Hudson Inc., and Mr. Andy Mele, Hudson River Sloop Clearwater, re: Risk Assessment Issues, March 7, 1997.
Doc ID# 68458
-
- P. 10.3041 - Letter to Mr. Damien Hughes, Remedial Project
10.3045 Manager, Emergency and Remedial Response Division, U.S. EPA, Region II, from Mr. Melvin B. Schweiger, Manager, GE Corporate Environmental Programs, General Electric Company, re: Preliminary Model Calibration Report: Peer Review Questions, July 20, 1998.
Doc ID# 68459
-
- P. 10.3046 - Letter to Mr. Richard L. Caspe, Director,
10.3048 Emergency and Remedial Response Division, U.S. EPA, Region II, from Mr. John G. Haggard, Engineering Project Manager, GE Corporate Environmental Programs, General Electric Company, re: Request for Extension - Hudson River Risk Assessments, August 31, 1999.
Doc ID# 68460
-
- P. 10.3049 - Letter to Dr. Grace Luk, Professor, Civil
10.3053 Engineering, Ryerson Polytechnic University, from Mr. David D. Adams, P.E., Member-At-Large, Saratoga County Environmental Management Council, re: Charge for Peer Review 3 Specific Question 11, March 13, 2000 (Attachment: Selected Comments.)
Doc ID# 68461
-
- P. 10.3054 - Letter to Dr. Ellen Bentzen, Research Scientist,
10.3065 Environmental Modeling Center, Environmental Studies, Trent University, from Mr. John G. Haggard, Engineering Project Manager, GE Corporate Environmental Programs, General Electric Company, re: Hudson River PCBs Superfund Site: Baseline Modeling Report Peer Review, March 20, 2000 (Attachment: Report: Critical Issues Imbedded in Fate and transport Model Peer Review Charge Question 11, prepared by Dr. John Connolly, Quantitative Environmental Analysis, LLC., prepared for GE Corporate Environmental Programs, General Electric Company, March 20, 2000.)
Doc ID# 68462
-

- P. 10.3066 - Letter to Dr. Steven Eisenrich, Professor,
10.3066 Department of Environmental Science, Rutgers
University, from Mr. John G. Haggard, Engineering
Project Manager, GE Corporate Environmental
Programs, General Electric Company, re: Hudson
River PCBs Superfund Site: Baseline Modeling
Report Peer Review, March 20, 2000.
Doc ID# 68463
-
- P. 10.3067 - Letter to Dr. Per Larsson, Assistant Professor,
10.3067 Ecotoxicology, Department of Ecology, Solveg 37,
from Mr. John G. Haggard, Engineering Project
Manager, GE Corporate Environmental Programs,
General Electric Company, re: Hudson River PCBs
Superfund Site: Baseline Modeling Report Peer
Review, March 20, 2000..
Doc ID# 68464
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- P. 10.3068 - Letter to Dr. Grace Luk, Professor, Civil
10.3068 Engineering, Ryerson Polytechnic University, from
Mr. John G. Haggard, Engineering Project Manager,
GE Corporate Environmental Programs, General
Electric Company, re: Hudson River PCBs Superfund
Site: Baseline Modeling Report Peer Review, March
20, 2000.
Doc ID# 68465
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- P. 10.3069 - Letter to Dr. Wu-Seng Lung, Professor, Department
10.3069 of Civil Engineering, University of Virginia, from
Mr. John G. Haggard, Engineering Project Manager,
GE Corporate Environmental Programs, General
Electric Company, re: Hudson River PCBs Superfund
Site: Baseline Modeling Report Peer Review, March
20, 2000.
Doc ID# 68466
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- P. 10.3070 - Letter to Dr. Robert Nairn, Principal, W. F. Baird
10.3070 and Associates, from Mr. John G. Haggard,
Engineering Project Manager, GE Corporate
Environmental Programs, General Electric Company,
re: Hudson River PCBs Superfund Site: Baseline
Modeling Report Peer Review, March 20, 2000.
Doc ID# 68467
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- P. 10.3071 - Letter to Dr. Ross Norstrom, Principal, RJN
10.3071 Environmental, from Mr. John G. Haggard,
Engineering Project Manager, GE Corporate
Environmental Programs, General Electric Company,
re: Hudson River PCBs Superfund Site: Baseline
Modeling Report Peer Review, March 20, 2000.
Doc ID# 68468
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P. 10.3072 - Letter to Owen Hoffman, Ph.D., President and
10.3085 Director, SENES Oak Ridge, Inc., from Mr. John G.
Haggard, Engineering Project Manager, GE Corporate
Environmental Programs, General Electric Company,
Doc ID# 68469 re: Hudson River PCBs Superfund Site: Human Health
Risk Assessment Peer Review, April 28, 2000.
(Attachment: Report: Hudson River Monte Carlo
Analysis, prepared by Dr. Russ Keenan, Ogden
Environmental and Energy Services, prepared for GE
Corporate Environmental Programs, General Electric
Company, April 28, 2000.)

P. 10.3086 - Letter to Ms. Holly Hattemer-Frey, Senior Risk
10.3087 Assessment Consultant, SAF*RISK, from Mr. John G.
Haggard, Engineering Project Manager, GE Corporate
Environmental Programs, General Electric Company,
Doc ID# 68470 re: Hudson River PCBs Superfund Site: Human Health
Risk Assessment Peer Review, April 28, 2000.

P. 10.3088 - Letter to Pamela Shubat, Ph.D., Environmental
10.3089 Toxicologist, Minnesota Department of Health, from
Mr. John G. Haggard, Engineering Project Manager,
GE Corporate Environmental Programs, General
Doc ID# 68471 Electric Company, re: Hudson River PCBs Superfund
Site: Human Health Risk Assessment Peer Review,
April 28, 2000.

P. 10.3090 - Letter to Lee Shull, Ph.D., Principal/Director
10.3091 Health & Risk Services Program, NewFields, Inc.,
from Mr. John G. Haggard, Engineering Project
Manager, GE Corporate Environmental Programs,
Doc ID# 68472 General Electric Company, re: Hudson River PCBs
Superfund Site: Human Health Risk Assessment Peer
Review, April 28, 2000.

P. 10.3092 - Letter to Harlee Strauss, Ph.D., H. Strauss
10.3093 Associates, Inc., from Mr. John G. Haggard,
Engineering Project Manager, GE Corporate
Doc ID# 68473 Environmental Programs, General Electric Company,
re: Hudson River PCBs Superfund Site: Human Health
Risk Assessment Peer Review, April 28, 2000.

P. 10.3094 - Letter to Robert Willes, Ph.D., Director and
10.3095 Senior Vice President, Cantox Environmental Inc.,
from Mr. John G. Haggard, Engineering Project
Manager, GE Corporate Environmental Programs,
Doc ID# 68474 General Electric Company, re: Hudson River PCBs
Superfund Site: Human Health Risk Assessment Peer
Review, April 28, 2000.

P. 10.3096 - Letter to Sean Kennedy, Ph.D., Ecotoxicology
10.3115 Consultant, from Mr. John G. Haggard, Engineering
Project Manager, GE Corporate Environmental
Programs, General Electric Company, re: Hudson
River Ecological Risk Assessment, April 28, 2000.
Doc ID# 68475 (Attachments: (1) Report: Assessment and
Measurement Endpoints/Risk Characterization/
Uncertainty Analysis, April 28, 2000; (2) Report:
Appropriateness of TRVs, April 28, 2000.)

P. 10.3116 - Letter to Dwayne Moore, Ph.D., Senior Associate,
10.3118 Cadmus Group, from Mr. John G. Haggard,
Engineering Project Manager, GE Corporate
Environmental Programs, General Electric Company,
Doc ID# 68476 re: Hudson River Ecological Risk Assessment, April
28, 2000.

P. 10.3119 - Letter to Ross Norstrom, Ph.D., President, RJN
10.3121 Environmental, from Mr. John G. Haggard,
Engineering Project Manager, GE Corporate
Environmental Programs, General Electric Company,
Doc ID# 68477 re: Hudson River Ecological Risk Assessment, April
28, 2000.

P. 10.3122 - Letter to Mr. Tim Thompson, Senior Environmental
10.3124 Scientist, ThermoRetec, from Mr. John G. Haggard,
Engineering Project Manager, GE Corporate
Environmental Programs, General Electric Company,
Doc ID# 68478 re: Hudson River Ecological Risk Assessment, April
28, 2000.

P. 10.3125 - Letter to Lawrence Kapustka, Ph.D., President,
10.3127 Senior Ecotoxicologist, Ecological Planning and
Toxicology Inc., from Mr. John G. Haggard,
Engineering Project Manager, GE Corporate
Environmental Programs, General Electric Company,
Doc ID# 68479 re: Hudson River Ecological Risk Assessment, April
28, 2000.

P. 10.3128 - Letter to Peter deFur, Ph.D., President,
10.3130 Environmental Stewardship Concepts, from Mr. John
G. Haggard, Engineering Project Manager, GE
Corporate Environmental Programs, General Electric
Company, re: Hudson River Ecological Risk
Doc ID# 68480 Assessment, April 28, 2000.

P. 10.3131 - Letter to John Toll, Ph.D., Senior Project
10.3133 Manager, Parametrix, Inc., from Mr. John G.
Haggard, Engineering Project Manager, GE Corporate
Doc ID# 68481

Environmental Programs, General Electric Company,
re: Hudson River Ecological Risk Assessment, April
28, 2000.

- P. 10.3134 - Letter to Lee Shull, Ph.D., Principal/Director
10.3135 Health & Risk Services Program, NewFields, Inc.,
from Mr. John G. Haggard, Engineering Project
Manager, GE Corporate Environmental Programs,
Doc ID# 68482 General Electric Company, re: Hudson River PCBs
Superfund Site: Human Health Risk Assessment Peer
Review, May 9, 2000.
- P. 10.3136 - Letter to Pamela Shubat, Ph.D., Environmental
10.3137 Toxicologist, Minnesota Department of Health, from
Mr. John G. Haggard, Engineering Project Manager,
Doc ID# 68483 GE Corporate Environmental Programs, General
Electric Company, re: Hudson River PCBs Superfund
Site: Human Health Risk Assessment Peer Review,
May 9, 2000.
- P. 10.3138 - Letter to Owen Hoffman, Ph.D., President and
10.3139 Director, SENES Oak Ridge, Inc., from Mr. John G.
Haggard, Engineering Project Manager, GE Corporate
Environmental Programs, General Electric Company,
Doc ID# 68484 re: Hudson River PCBs Superfund Site: Human Health
Risk Assessment Peer Review, May 9, 2000.
- P. 10.3140 - Letter to Ms. Holly Hattemer-Frey, Senior Risk
10.3141 Assessment Consultant, SAF*RISK, from Mr. John G.
Haggard, Engineering Project Manager, GE Corporate
Environmental Programs, General Electric Company,
Doc ID# 68485 re: Hudson River PCBs Superfund Site: Human Health
Risk Assessment Peer Review, May 9, 2000.
- P. 10.3142 - Letter to Robert Willes, Ph.D., Director and
10.3143 Senior Vice President, Cantox Environmental Inc.,
from Mr. John G. Haggard, Engineering Project
Manager, GE Corporate Environmental Programs,
Doc ID# 68486 General Electric Company, re: Hudson River PCBs
Superfund Site: Human Health Risk Assessment Peer
Review, May 9, 2000.
- P. 10.3144 - Letter to Harlee Strauss, Ph.D., H. Strauss and
10.3145 Associates, Inc., from Mr. John G. Haggard,
Engineering Project Manager, GE Corporate
Environmental Programs, General Electric Company,
Doc ID# 68487 re: Hudson River PCBs Superfund Site: Human Health
Risk Assessment Peer Review, May 9, 2000.

P. 10.3146 - Letter to Dwayne Moore, Ph.D., Senior Associate,
10.3189 Cadmus Group, from Mr. John G. Haggard,
Engineering Project Manager, GE Corporate
Environmental Programs, General Electric Company,
Doc ID# 68488 re: Hudson River Ecological Risk Assessment, May
23, 2000. (Attachment: Report: The Hudson River
DEIS: An Interpretive Summary, prepared by Dr.
Lawrence W. Barnthouse, LWB Environmental
Services, prepared for General Electric
Corporation, undated.)

P. 10.3190 - Letter to Sean Kennedy, Ph.D., Ecotoxicology
10.3191 Consultant, from Mr. John G. Haggard, Engineering
Project Manager, GE Corporate Environmental
Programs, General Electric Company, re: Hudson
Doc ID# 68489 River Ecological Risk Assessment, May 23, 2000.

P. 10.3192 - Letter to Lawrence Kapustka, Ph.D., President,
10.3193 Senior Ecotoxicologist, Ecological Planning and
Toxicology Inc., from Mr. John G. Haggard,
Engineering Project Manager, GE Corporate
Doc ID# 68490 Environmental Programs, General Electric Company,
re: Hudson River Ecological Risk Assessment, May
23, 2000.

P. 10.3194 - Letter to Peter deFur, Ph.D., President,
10.3195 Environmental Stewardship Concepts, from Mr. John
G. Haggard, Engineering Project Manager, GE
Corporate Environmental Programs, General Electric
Doc ID# 68491 Company, re: Hudson River Ecological Risk
Assessment, May 23, 2000.

P. 10.3196 - Letter to Dr. Ross Norstrom, President, RJN
10.3197 Environmental, from Mr. John G. Haggard,
Engineering Project Manager, GE Corporate
Environmental Programs, General Electric Company,
Doc ID# 68492 re: Hudson River Ecological Risk Assessment, May
23, 2000.

P. 10.3198 - Letter to Mr. Tim Thompson, Senior Environmental
10.3199 Scientist, ThermoRetec, from Mr. John G. Haggard,
Engineering Project Manager, GE Corporate
Environmental Programs, General Electric Company,
Doc ID# 68493 re: Hudson River Ecological Risk Assessment, May
23, 2000.

P. 10.3200 - Letter to John Toll, Ph.D., Senior Project
10.3201 Manager, Parametrix, Inc., from Mr. John G.
Haggard, Engineering Project Manager, GE Corporate

Doc ID# 68494

Environmental Programs, General Electric Company,
re: Hudson River Ecological Risk Assessment, May
23, 2000.

P. 10.3202 - Letter to Mr. Douglas J. Tomchuk, Remedial Project
10.3252 Manager, Emergency and Remedial Response Division,
U.S. EPA, Region II, from Mr. John G. Haggard,
Engineering Project Manager, GE Corporate
Doc ID# 68495 Environmental Programs, General Electric Company,
re: Comments on the Revised Baseline Modeling
Report, December 19, 2000. (Attachment: Report:
Comments of the General Electric Company on Phase
2 Report - Review Copy, Further Site
Characterization and Analysis, Volume 2D - Revised
Baseline Modeling Report Hudson River PCBS
Reassessment RI/FS, prepared by the General
Electric Company, November, 2000.)

P. 10.3253 - Letter to Mr. Douglas J. Tomchuk, Remedial Project
10.3427 Manager, Emergency and Remedial Response Division,
U.S. EPA, Region II, from Mr. John G. Haggard,
Engineering Project Manager, GE Corporate
Doc ID# 68496 Environmental Programs, General Electric Company,
re: Comments on the EPA DEIR/LRC Responsiveness
Summary, December 19, 2000. (Attachment: Report:
Review by the General Electric Company of the US
EPA Responsiveness Summaries: DEIR and LRCR,
prepared by Quantitative Environmental Analysis,
LLC., and General Electric Company, December,
2000.)

P. 10.3428 - Letter to Mr. Douglas J. Tomchuk, Remedial Project
10.3568 Manager, Emergency and Remedial Response Division,
U.S. EPA, Region II, from Mr. John G. Haggard,
Engineering Project Manager, GE Corporate
Doc ID# 68497 Environmental Programs, General Electric Company,
re: Response to EPA Comments on GE's Model,
December 19, 2000. (Attachment: Report: Response
of the General Electric Company to US EPA Comments
on the Report "PCBs in the Upper Hudson River",
prepared by Quantitative Environmental Analysis,
LLC., prepared for General Electric Company,
December, 2000.)

P. 10.3569 - Letter to Mr. Douglas J. Tomchuk, Remedial Project
10.3570 Manager, Emergency and Remedial Response Division,
U.S. EPA, Region II, from George W. Putman, Ph.D.,
Emeritus Faculty, Department of Earth &
Doc ID# 68498 Atmospheric Sciences, State University of New York

Albany, re: Comment on the Baseline Modeling Report, undated.

10.3 Public Notices

- P. 10.3571 - Letter to Mr. John G. Haggard, Hudson River PCBs
10.3579 Project, General Electric Company, from Ms. Alison A. Hess, C.P.G., Project Manager, U.S. EPA, Region II, re: Hudson River PCBs Reassessment RI/FS, September 8, 2000. (Attachment: Memorandum to Directors, U.S. EPA, from Mr. Stephen D. Luftig, Director, Office of Emergency and Remedial Response, U.S. EPA, re: National Remedy Review Board, September 26, 1996.)
Doc ID# 68499
- P. 10.3580 - Letter to Mr. Rich Schiafo, Scenic Hudson Inc.,
10.3580 from Ms. Alison A. Hess, C.P.G., Project Manager, U.S. EPA, Region II, re: Hudson River PCBs Reassessment RI/FS, September 8, 2000.
Doc ID# 68500
- P. 10.3581 - Letter to Mr. Bill Ports, New York State
10.3581 Department of Environmental Conservation, from Ms. Alison A. Hess, C.P.G., Project Manager, U.S. EPA, Region II, re: Hudson River PCBs Reassessment RI/FS, September 8, 2000.
Doc ID# 68501
- P. 10.3582 - Letter to Mr. Thomas A. Borden, Chair,
10.3583 Agricultural Liaison Group, Washington County Farm Bureau, Ms. Judy Schmidt Dean, Chair, Citizen Liaison Group, Mr. Darryl L. Decker, Chair, Governmental Liaison Group, and Mr. John Santacrose, Chair, Environmental Liaison Group, from Ms. Alison A. Hess, C.P.G., Project Manager, U.S. EPA, Region II, re: Hudson River PCBs Reassessment RI/FS, September 8, 2000.
Doc ID# 68502
- P. 10.3584 - Public Notice: Requesting comments regarding the
10.3599 New York District, U. S. Army Corps of Engineers' receipt of a permit application for dredging the Hudson River, prepared by Mr. Richard L. Tomer, Acting Chief, Regulatory Branch, New York District, U.S. Army Corps of Engineers, May 10, 2001. (Attachments: (1) Work Description, undated (2) Plans of the dredging activity, undated.)
Doc ID# 68503

10.5 Documentation of Other Public Meetings

- P. 10.3600 - Memorandum to file, from Mr. Douglas J. Tomchuk,
10.3601 Remedial Project Manager, Emergency and Remedial

Doc ID# 68504

Response Division, U.S. EPA, Region II, re: April 20, 2001 Conference Call Between EPA and Representatives of the National Academy of Sciences Concerning the National Research Council Report on PCB-Contaminated Sediments, May 2, 2001.

P. 10.3602 - Memorandum for The Record, from Ms. Dona deLeon,
10.3603 Deputy Associate Administrator for Policy,
Economics and Innovation, U.S. EPA, re: Dredging
PCBs from the Hudson, May 4, 2001. (Attachment:
Doc ID# 68505 CEASE points.)

P. 10.3604 - Memorandum to The Record, from Ms. Dona deLeon,
10.3604 re: Hudson River PCB Dredging, May 15, 2001.

Doc ID# 68506

11.0 TECHNICAL SOURCES AND GUIDANCE DOCUMENTS

11.4 Technical Sources

P. 11.0717 - Report: The Problem of Possible Systemic Effects
11.0720 from Certain Chlorinated Hydrocarbons, prepared by
Mr. Cecil K. Drinker, Ms. Madeleine Field Warren,
and Mr. Granville Bennett, Department of
Doc ID# 68507 Physiology, Harvard School of Public Health, and
Department of Pathology, Harvard School of
Medicine, prepared for The Journal of Industrial
Hygiene and Toxicology, September, 1937.

P. 11.0721 - Report: Summary Report on Lock 4 Dredging
11.0757 Monitoring, prepared by Mr. T.J. Tofflemire,
Bureau of Water Research, New York State
Department of Environmental Conservation,
Doc ID# 68508 February, 1979.

P. 11.0758 - Report: PCB Desorption from River Sediments
11.0790 Suspended During Dredging: An Analytical
Framework, prepared by Mark P. Brown, Ph.D.,
Bureau of Water Research, New York State
Department of Environmental Conservation, April,
Doc ID# 68509 1981.

P. 11.0791 - Report: Polychlorobiphenyl (PCB) Congeners in
11.0803 Striped Bass (Morone Saxatilis) from Marine and
Estuarine Waters of New York State Determined by
Capillary Gas Chromatography, prepared by B. Bush,
R.W. Streeter, New York State Department of
Environmental Conservation, and R.J. Sloan, New
York State Department of Environmental
Doc ID# 68510

Conservation, prepared for Archives of
Environmental Contamination and Toxicology, 1989.

- P. 11.0804 - Report: The Economic Impacts of PCB's in the
11.0849 Hudson River: A Cost-Benefit Analysis, prepared by
Ms. Nicole M. Meyer, Baruch College, April 1991.

Doc ID# 68511

- P. 11.0850 - Report: Use of Isomer Ratios to Characterize the
11.0874 Origins and Alteration State of the PCBs in 30
Species of Hudson River Fish Collected 1977-93,
prepared by Mr. John F. Brown, Jr. and Mr. George
M. Frame, II, General Electric Corporate Research
and Development, May 30, 1997.

Doc ID# 68512

- P. 11.0875 - Report: Final Report, Effect of Migration on
11.1020 Polychlorinated Biphenyl Concentrations in Hudson
River Striped Bass, prepared by Mr. David H.
Secor, and Mr. Joel E. Baker, Chesapeake
Biological Laboratory, University of Maryland
Center for Environmental Science, prepared for Dr.
Dennis J. Suszkowski, Science Director, Hudson
River Foundation, January 13, 1999.

Doc ID# 68513

- P. 11.1021 - Report: Development and Evaluation of Consensus-
11.1173 Based Sediment Effect Concentrations for PCBs in
the Hudson River, prepared by MacDonald
Environmental Sciences Ltd., through Industrial
Economics Incorporated, prepared for Damage
Assessment Center, National Oceanic and
Atmospheric Administration, March, 1999.

Doc ID# 68514

- P. 11.1174 - Report: Reproductive, Developmental and
11.1259 Immunotoxic Effects of PCBs in Fish: a Summary of
Laboratory and Field Studies, prepared by Emily
Monosson, Ph.D., prepared for Damage Assessment
Center, National Oceanic and Atmospheric
Administration, through Industrial Economics
Incorporated, March, 1999.

Doc ID# 68515

- P. 11.1260 - Report: Final Report, the Exposure of the New York
11.1319 City Watershed to PCBs Emitted from the Hudson
River, prepared by Mr. Barry Commoner, Center for
the Biology of Natural Systems, Queens College,
CUNY, Mr. Brian Bush, School of Public Health, New
York State University at Albany, Mr. Paul Woods
Bartlett, Center for the Biology of Natural
Systems, Queens College, CUNY, Ms. Kimberly
Couchot, Center for the Biology of Natural
Systems, Queens College, CUNY, and Mr. Holger

Doc ID# 68516

Eisl, Center for the Biology of Natural Systems,
Queens College, CUNY, October, 1999.

- P. 11.1320 - Report: Reproductive and Developmental Effects
11.1370 of PCBs in Fish: a Synthesis of Laboratory and
Field Studies, prepared by Emily Monosson,
Monosson Environmental Research, prepared for
Reviews in Toxicology, 1999.
Doc ID# 68517
- P. 11.1371 - Report: Effect of Habitat Use on PCB Body Burden
11.1378 in Hudson River Striped Bass (Morone saxatilis),
prepared by Mr. Erik R. Zlokovitz, and Mr. David
H. Secor, Chesapeake Biological Laboratory,
University of Maryland Center for Environmental
Science, prepared for Canadian Journal of Fishery
and Aquatic Science, 1999.
Doc ID# 68518
- P. 11.1379 - Letter to Mr. Douglas J. Tomchuk, Remedial Project
11.1482 Manager, Emergency and Remedial Response Division,
U.S. EPA, Region II, from Mr. Robert G. Gibson,
Engineering Project Manager, GE Corporate
Environmental Programs, General Electric Company,
re: Environmental Dredging Report, August 25,
2000. (Attachment: Report: Environmental
Dredging: An Evaluation of Its Effectiveness in
Controlling Risks, prepared by General Electric
Company Corporate Environmental Programs,
Blasland, Bouck & Lee, Inc., and Applied
Environmental Management, Inc., August, 2000.)
Doc ID# 68519
- P. 11.1483 - Report: A Risk Management Strategy for PCB-
11.1887 Contaminated Sediments, prepared by National
Research Council, March 26, 2001.
Doc ID# 68520
- P. 11.1888 - Report: Polychlorinated Biphenyls and Endocrine
11.1889 Bio-Markers in Fish from the Hudson River, New
York, USA, prepared by Mr. Barry P. Baldigo,
United States Geological Survey, Mr. Ronald J.
Sloan, New York State Department of Environmental
Conservation, Mr. Steven B. Smith, United States
Geological Survey, and Mr. Dennis P. Keane, New
York State Department of Environmental
Conservation, undated.
Doc ID# 68521
- P. 11.1890 - Letter to James Coglianò, Ph.D., Chief,
11.1891 Quantitative Risk Methods Group, National Center
for Environmental Assessment, U.S. EPA, from
Doc ID# 68522

Thomas M. Mack, M.D., Department of Preventive
Medicine, USC/Norris Comprehensive Cancer Center,
University of Southern California, re: Review of
Kimbrough et al paper on the PCB exposure cohort,
undated.