

## EXHIBIT LIST

IN THE MATTER OF: )  
 )  
PROPOSED NEW 35 Ill. ADM. CODE 225 ) R06-25  
CONTOL OF EMISSIONS FROM LARGE ) (Air)  
COMBUSTION SOURCES (MERCURY) )  
 )

- Exhibit 1 Prefiled Testimony of Jim Ross
- Exhibit 2 Power Point Slide Presentation by Jim Ross entitled "Illinois' Proposed Mercury Rule"
- Exhibit 3 Prefiled Testimony of Deborah Rice, Ph. D.
- Exhibit 4 "*Fish Intake During Pregnancy and Early Cognitive Development of Offspring*" by Julie L. Daniels *et al.*
- Exhibit 5 Oversize Chart drawn by Dr. Deborah Rice during testimony
- Exhibit 6 *Public Media Center v. Tri-Union Seafoods, L.L.C. et al.* Consld. Case No. CGC 01-402975 and CGC 04-432394
- Exhibit 7 Prefiled Testimony of Jeffrey W. Sprague
- Exhibit 8 Prefiled Testimony of Marcia Willhite
- Exhibit 9 Prefiled Testimony of Thomas C. Hornshaw, Ph.D.
- Exhibit 10 Prefiled Testimony of Gerald Keeler, Ph.D.
- Exhibit 11 "*Illinois Fishing Information 2006*" Illinois Department of Natural Resources
- Exhibit 12 Table entitled "Summary Information for Mercury in Walleye Samples (1988-Present)"
- Exhibit 13 Table entitled "Summary Information for Mercury in Crappie Samples (1988-Present)"
- Exhibit 14 Table entitled "Summary Information for Mercury in Bass Samples (1988-Present)"
- Exhibit 15 "*Blood Mercury Levels in Young Children and Childbearing Aged Women--United States, 1999-2002*" MMWR November 5, 2004

- Exhibit 16 Table entitled “Mercury Impaired Segments in 2004--303(d) List”
- Exhibit 17 Table entitled “The Current Level of Mercury in Sediment in the Waters Listed as Impaired Due to Mercury”
- Exhibit 18 Exhibit for Dynegy Question #23 to Marcia Willhite
- Exhibit 19 Table entitled “Sherman Park Lagoon, Fish Data sorted by station code”
- Exhibit 20 “*Integrating Atmospheric Mercury Deposition with Aquatic Cycling in South Florida: An approach for conduction Total Maximum Daily Load analysis for an atmospherically derive pollutant*” Florida Department of Environmental Protection October 2002, Revised November 2003.
- Exhibit 21 “*Massachusetts Fish Tissue Mercury Studies: Long-Term Monitoring Results 1999-2004*” Massachusetts Department of Environmental Protection Office of Research and Standard 2006
- Exhibit 22 Table entitled “Typical Ambient Water Temperatures Sangchris, Sangamon, Clinton and Baldwin Lakes”
- Exhibit 23 Table entitled “Mercury Content of Fish in Sangchris, Springfield, Clinton and Baldwin Lakes”
- Exhibit 24 Motion to Reconsider *Public Media Center v. Tri-Union Seafoods, L.L.C. et al.* Consld. Case No. CGC 01-402975 and CGC 04-432394
- Exhibit 25 Exhibit B to TSD “Atmospheric Deposition of Mercury”
- Exhibit 26 “*Atmospheric Mercury in the Lake Michigan Basin: Influence of the Chicago/Gary Urban Area*” Matthew S. Landis, Alan F. Bette and Gerald J. Keeler
- Exhibit 27 “*Source-receptor relationships for atmospheric mercury in urban Detroit, Michigan*” Mary M. Lynam, Gerald J. Keeler
- Exhibit 28 Table entitled “Illinois Coal Fired EGU Stack Heights” 6/14/06
- Exhibit 29 Power Point Slide Presentation entitled “Preliminary Results from Steubenville Hg Deposition Source Apportionment Study” Briefing for Tim Oppelt, April 27, 2005
- Exhibit 30 Power Point Slide Presentation entitled “Ambient Measurement to Support Coal Combustion October 31, 2005” by Matthew S. Landis

- Exhibit 31 Federal Register “Revision to December 2000 Clean Air Act Section 112(n) Finding Regarding Electric Utility Steam Generating Units’ and Standards of Performance for New and Existing Electric Utility Steam Generating Units: Reconsideration” 71 FR 33388 (June 9, 2006)
- Exhibit 32 Power Point Slide Presentation entitled “Mercury Deposition in the Great Lakes Region” by Jerry Keeler
- Exhibit 33 Draft “*A Protocol for Mercury-based Fish Consumption Advice*” October 2005
- Exhibit 34 Table entitled “Meal Advice Categories Based on Levels of Mercury in Fish”
- Exhibit 35 Table entitle “Table 7.1 Existing Illinois Electric Generating Units”
- Exhibit 36 Prefiled Amended Testimony of Christopher Romaine
- Exhibit 37 Construction Permit 06030002 Dynegy Midwest Generation, Inc., Vermilion Power Plant Date Issued May 30, 2006
- Exhibit 38 “Economic Importance of Fish and Wildlife to Illinois Economy”
- Exhibit 39 Prefiled Testimony of Richard E. Ayers
- Exhibit 40 Comments of the Illinois EPA in the Mercury Proposal
- Exhibit 41 Prefiled Testimony of Robert J. Kaleel
- Exhibit 42 Table entitled “Sample Emission Calculation for the Proposed Mercury Rule”
- Exhibit 43 Prefiled Testimony of Sid Nelson Jr.
- Exhibit 44 Map entitled “Statewide Coal-Fired Electric Utilities” dated 5/30/06
- Exhibit 45 Prefiled Testimony of David C. Foerter
- Exhibit 46 Table entitled “Commercial Mercury Control Technology Bookings” from Institute of Clean Air Companies
- Exhibit 47 United States Environmental Protection Agency Response to Significant Public Comments Received in Response to: Revision of December 2000 Regulatory Finding on the Emissions of Hazardous Air Pollutants form Electric Utility Steam Generation Units and the Removal of Coal- and Oil Fired Electric Utility Stream Generation Units from the Section 112(c) List: Reconsideration (70 FR 62213; October 28, 2005) May 31, 2006

- Exhibit 48 Color chart entitled “Fly Ash Hg Tracked CMM Hg Closely”
- Exhibit 49 Color chart entitled “Long-Term Continuous B-PAC Run at St. Clair”
- Exhibit 50 Prefiled Amended Testimony of James E. Staudt, Ph.D
- Exhibit 51 Prefiled Testimony of Ezra D. Hausman, Ph.D
- Exhibit 52 Charts and tables entitled “Figures and Data from TSD” submitted with testimony of James E. Staudt, Ph.D.
- Exhibit 53 U.S. Environmental Protection Agency “*Clean Air Mercury (CAMR) Implementation*” February Status of Mercury Monitoring Efforts
- Exhibit 54 “*Control of Mercury Emissions form Coal-Fired Electric Utility Boilers*” by Ravi K. Srivastava, Nick Hutson, Blair Martin, Frank Princiotta (U.S. EPA National Risk Management Research Laboratory), James Staudt (Andover Technology Partners)
- Exhibit 55 U.S. Department of Energy “*Clarification of the U.S. Department of Energy’s Perspective on the Status of Mercury Control Technologies for Coal-Fired Power Plants*” April 25, 2006
- Exhibit 56 “*Preliminary Analysis of Effluent Mercury Data in Illinois*” by Lalit K. Sinha Illinois Environmental Protection Agency, November 2005
- Exhibit 57 Color maps identifying stream segments starting with map entitled “Des Plaines and Chicago/Calumet River Watersheds” from Illinois Environmental Protection Agency dated June 2006
- Exhibit 58 Table entitled “Wastewater Treatment Facilities that Monitor Their Effluent for Mercury and Discharge to Mercury Impaired Waterbodies”
- Exhibit 59 Table entitled “Seventy-eight Assessment Units in the Illinois EPA 2006 Assessment Database that Have Mercury as a Potential Cause of Use Impairment”
- Exhibit 60 Packet of Comments/Questions to Illinois Environmental Protection Agency during Stakeholder Meetings Beginning w/email from Joe Uy dated Jan. 30, 2006
- Exhibit 61 June 1, 2006, Comments from Dianna Tickner of Prairie State to Illinois Environmental Protection Agency
- Exhibit 62 Map entitled “Statewide Coal-Fired Electric Utilities” dated 3/3/06

- Exhibit 63 Table entitled "Unit Specific Estimated Mercury Emission Rates in 1999"
- Exhibit 64 Email from Jean Flemma dated 3/3/06 to Jim Ross
- Exhibit 65 Color Pictures entitled "Preliminary Mercury Modeling Results from June 2002"
- Exhibit 66 "*Evaluation of Sorbent Injection for Mercury Control-Sharon, Topical Report for: AmerenUE's Meramec Station Unit 2, Reporting Period: October 1, 2003-September 20, 2005*" Principal Author Sharon Sjostrom September 23, 2005
- Exhibit 67 "*Advanced Utility Mercury-Sorbent Field Testing Program*" Semi-Annual Progress Report, Sid Nelson Jr., Recipient Project Director, April 6, 2005
- Exhibit 68 *Curriculum vita* from Ezra D. Hausman, Ph.D.
- Exhibit 69 Synapse Energy Economics, Inc. "*Fewer Jobs for Illinois: Employment and Other Impacts of Commonwealth Edison's Proposed Electricity Rate Increase*" Prepared by William Steinhurst
- Exhibit 70 Compact Disc containing information sent to Dr. Hausman from ICF
- Exhibit 71 Compact Disc containing Mercury Studies referenced in Dr. Staudt's testimony
- Exhibit 72 Letter from Lake Michigan Air Directors Consortium to Bruce Biewald setting for the activities to be performed by Synapse Energy Economics, Inc.
- Exhibit 73 Color Chart entitled "*SO<sub>3</sub> Flue Gas Conditioning Was Unneeded with B-PAC Progress Energy's Lee Plant Unit 1 - Preliminary Data*"
- Exhibit 74 Prefiled testimony of Michael Murray, Ph.D.
- Exhibit 75 Joint Statement from Ameren Energy Generating Company, AmerenEnergy Resource Generating Company, Electric Energy, Inc., and the Illinois Environmental Protection Agency.
- Exhibit 76 Prefiled testimony of Michael Menne, Vice President, Ameren Corporation
- Exhibit 77 Prefiled testimony of Anne Smith, Ph.D.
- Exhibit 78 Analysis of Ameren's Multi-Pollutant Alternative (to the Illinois' Proposed Mercury Rule)
- Exhibit 79 Round 2 Strategy Modeling Summary (July 12, 2005)

- Exhibit 80 Prefiled testimony of Dianna Tickner, Vice President, Prairie State Generating Station
- Exhibit 81 Color Slide entitled "Short Tests are not Long-Term Performance"
- Exhibit 82 Letter from Prairie State Generating Station, Colin M. Kelly to Illinois Environmental Protection Agency, Laurel Kroack,
- Exhibit 83 Resumes for Colin M. Kelly, Stephen Bjorklun, Carl V. Weilert, and Clark W. Collier
- Exhibit 84 Prefiled testimony of J.E. Cichanowicz
- Exhibit 85 Table entitled "Figure 5-2, Update, Specifics and Source of Data"
- Exhibit 86 Color Chart entitled "Original Figure 5-2"
- Exhibit 87 Color Chart entitled "Figure 5-2 and Additional Data"
- Exhibit 88 Series of color Charts entitled "Mercury Removal at Midwest Generation's Crawford Unit 7 in Chicago"
- Exhibit 89 Satellite Photo of St. Clair 1-4 Orig. SCA ~ 150 each
- Exhibit 90 Satellite Photo Meramec 2 Orig. SCA ~ 150
- Exhibit 91 Satellite Photo Duke Power Allen 1 Original SCA ~ 150
- Exhibit 92 Satellite Photo Salem Harbor 1 Orig. SCA ~ 150
- Exhibit 93 Satellite Photo Pleasant Prairie 2 SCA 574
- Exhibit 94 Satellite Photo Waukegan 6, 7 & 8
- Exhibit 95 Satellite Photo Will County 1- 4
- Exhibit 96 2 Compact Disc's that are Ed Cichanowicz referenced Documents
- Exhibit 97 NESCAUM "*Environmental Regulation and Technology Innovation: Controlling Mercury Emissions form Coal-Fired Boilers*" (September 2000)
- Exhibit 98 "*Post Combustion NO<sub>x</sub> Control from Coal-Fired Utility Boilers*" by John E. Hofmann, Roy A. Johnson, Nalco Fuel Tech., Paul D. Schumacher, Wisconsin Electric Power Corporation, Allen Sload, Rui Afonso, New England Power Co.

- Exhibit 99     “*Cost-Effectiveness of NO<sub>x</sub> Control Retrofit at Salem Harbor Station*” by Edward Braczyk, Massachusetts Department of Environmental Protection, Allen W. Sload, Louis M. Arak, New England Power Co., Roy A. Johnson, Vincent M. Albanese, Nalco Fuel Tech
- Exhibit 100    USEPA “*Research and Development Performance and Cost of Mercury Multipollutant Emission Control Technology Application on Electric Utility Boilers.*” Prepared for Office of Research and Development by National Risk Management Research Laboratory
- Exhibit 101    “*Mercury Removal Trends in Full-Scale ESP’s and Fabric Filters*” by Sharon Sjostrom, Jean Bustard, Michael Durham, and Ramsey Chang
- Exhibit 102    “*Mass Transfer Limits to Mercury Capture within Electrostatic Precipitators*” by Herek L. Clack
- Exhibit 103    Power Point Slide Presentation entitled “Mass Transfer Limitations to Mercury Capture within Electrostatic Precipitators” by Herek L. Clack
- Exhibit 104    “*The Use of Treatment Time and Emissions Instead of SCA and Efficiency for Sizing Electrostatic Precipitators*” by Robert A. Mastropietro
- Exhibit 105    “*Achieving Low Particulate Emissions with Electrostatic Precipitators*” by Robert A. Mastropietro
- Exhibit 106    Page 40 entitled at top “Bromine” Prepared by Phyllis A. Lyday
- Exhibit 107    “Bromine” Mineral Information Institute
- Exhibit 108    “*Results of Activated Carbon Injection Upstream of Electrostatic Precipitators for Mercury Control*” by Travis Starns, Jean Bustard, Michael Durham, Cam Martin, Richard Schlager, Sharon Sjostrom, Charles Lindsey, and Brian Donnelly
- Exhibit 109    Color Chart entitled “ACI Field Test Support - Yates (Unit 1)”
- Exhibit 110    Color Chart entitled “Opacity & Load at Lee Unit 1 during Baseline, Long-Term Run, & Ends”
- Exhibit 111    Email correspondence beginning with email from Lynn Brickett USDOE-NETL to Kwanniger@MWGen.com dated 08/16/2006
- Exhibit 112    “*Evaluation of Sorbent Injection for Mercury Control*” Principal Author Sharon Sjostrom

- Exhibit 113 *“Status of Mercury Controls for Coal-Fired Power Plants: An EPRI Assessment (August 2006)”* by Electric Power Research Institute (EPRI)
- Exhibit 114 Prefiled Testimony of Ishwar Prasad Murarka, Ph.D.
- Exhibit 115 Prefiled Testimony of William DePriest
- Exhibit 116 Color Chart entitled “Great River Energy’s Stanton Station Unit 1”
- Exhibit 117 *“Mercury Control Field Testing at Stanton Station Unit 1”* Draft Site Report Prepared by Dr. Carl Richardson, Katherine Dombrowski, Julie Range, and Douglas Orr for Lynn Brickett, U.S. Department of Energy
- Exhibit 118 Prefiled Testimony of James Marchetti
- Exhibit 119 Table Entitled “CAIR-CAMR TECH”
- Exhibit 120 Table Entitled “CAIR-IL RULE TECH”
- Exhibit 121 Table Entitled “GENERATION -CAMR”
- Exhibit 122 Table Entitled “GENERATION-IL RULE”
- Exhibit 123 Table Entitled “FIXED CHARGE RATES BY UNIT”
- Exhibit 124 Table Entitled “IL RULE TOTALS”
- Exhibit 125 Joint statement of Illinois Environmental Protection Agency and Dynegy Midwest Generation
- Exhibit 126 Prefiled testimony of Krish Vijayaraghavan
- Exhibit 127 Power Point Slide Presentation entitled “Atmospheric Deposition Modeling of Proposed IL Mercury Rule”
- Exhibit 128 Color Map from Illinois State Water Survey entitled “Major Watersheds of Illinois”
- Exhibit 129 Prefiled testimony of Peter Chapman, Ph.D.
- Exhibit 130 Prefiled testimony of Gail Charnley, Ph.D.
- Exhibit 131 Color Chart entitled “Exhibit 3, Contaminant intakes in the Faroe and Seychelle Islands”



- Exhibit 132 Prefiled testimony of Richard D. McRanie
- Exhibit 133 Power Point Slide Presentation entitled "Overview of Hg Measurement Issues" by Richard D. McRanie
- Exhibit 134 Sales brochure from website of Thermo Electron Corporation
- Exhibit 135 Home Page and assorted Website pages from EPRI
- Exhibit 136 Prefiled testimony of C.J. Saladino
- Exhibit 137 Prefiled testimony of Andy Yaros
- Exhibit 138 DOMINION KINCAID LLC PROPOSAL