BEFORE THE ILLINOIS POLLUTION CONTROL BOARD

In the Matter of:)	
)	
SIERRA CLUB, ENVIRONMENTAL)	
LAW AND POLICY CENTER,)	
PRAIRIE RIVERS NETWORK, and)	
CITIZENS AGAINST RUINING THE)	
ENVIRONMENT)	
)	PCB No-2013-015
Complainants,)	(Enforcement – Water)
1)	× ,
V.	ý	
	ý	
MIDWEST GENERATION, LLC,	ý	
	ý	
Respondents)	

NOTICE OF FILING

PLEASE TAKE NOTICE that I have filed today with the Illinois Pollution Control Board the attached **COMPLAINANTS' PRE-HEARING MEMORANDUM**, copies of which are served on you along with this notice.

Respectfully Submitted,

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Lindsay Dubin Environmental Law & Policy Center 35 E. Wacker Dr., Suite 1600 Chicago, IL 60601 Idubin@elpc.org (312) 795-3726

Dated: October 2, 2017

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MIDWEST GENERATION, LLC,	Ś	
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Respondents	Ś	

COMPLAINTANTS' PREHEARING MEMORANDUM

I. <u>STATEMENT OF THE CASE</u>

1. Midwest Generation, LLC ("MWG") owns the Waukegan and Will County power plants and operates the Joliet 29 and Powerton power plants.

2. The groundwater at Waukegan was classified as Class I, Potable Resource groundwater, throughout the entire period of violations asserted in the Second Amended Complaint, and continues to be classified as Class I groundwater.

3. The groundwater at Will County, Joliet 29, and Powerton was classified as Class

I, Potable Resource Groundwater, prior to IEPA's approval of Groundwater Management Zones ("GMZs") at those plants in 2013.

4. Coal ash is located in various places at Waukegan, Will County, Joliet 29 and Powerton, including in and outside of the basins and ponds at those plants, in and on the ground, and in unlined repositories.

5. Quarterly tests of groundwater monitoring wells show groundwater contaminated with coal ash constituents, including boron, sulfate and manganese, in excess of Class I: Potable Resource Groundwater quality standards at all four plants, and in excess of Maximum Contaminant Levels contained in federal open dumping regulations at Waukegan, Will County and Powerton.

6. The Joliet #29 Generating Station ("Joliet 29") is located in Joliet, Illinois in Will and Kendall Counties, on the north side of the Des Plaines River. MWG has historically stored and disposed of coal ash and other coal combustion waste in repositories that include, but are not limited to, two or more landfills and three ash ponds on the same side of the river, and continues to store or dispose of coal ash and other coal combustion waste in these ponds or repositories.

7. MWG installed eleven groundwater monitoring wells (MW-1 through MW-11) around the Joliet 29 ash ponds in 2010. Since monitoring began in late 2010, groundwater monitoring results have shown levels of antimony, boron, chloride, iron, manganese, sulfate, and Total Dissolved Solids ("TDS") which exceed Illinois Groundwater Quality Standards ("GQSs").

8. The Powerton Generating Station ("Powerton") is located in Pekin, Illinois in Tazewell County. MWG has historically stored and disposed of coal ash and other coal combustion waste in repositories that include, but are not limited to three active ash ponds on the site, two of them lined; one less active ash pond on the site; up to two additional ponds or basins containing coal ash and other coal combustion waste; and a former slag dumping area. MWG continues to store or dispose of coal ash and other coal combustion waste in these ponds or repositories.

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9. MWG monitors groundwater at Powerton with a network of 15 wells. Since monitoring began in late 2010, groundwater monitoring results have shown levels of antimony, arsenic, boron, chloride, iron, lead, manganese, nitrate, selenium, sulfate, thallium, and TDS which exceed Illinois GQS and/or open dumping standards.

10. The Waukegan Generating Station ("Waukegan") is located in Waukegan, Illinois in Lake County. There are two active HDPE-lined ponds at this site. MWG has stored and disposed of coal ash and other coal combustion waste in repositories that include, but are not limited to, these two ponds and one former ash landfill or disposal area, and continues to do so.

11. MWG installed 5 wells (MW-1 through MW-5) around the Waukegan ash ponds in 2010. Groundwater monitoring results from Waukegan show levels of antimony, arsenic, boron, chloride, iron, manganese, nitrate, selenium, pH, sulfate, and TDS which exceed Illinois GQS and/or open dumping standards.

12. The Will County Generating Station ("Will County") is located in Romeoville, Illinois in Will County. MWG has stored and disposed of coal ash and other coal combustion waste at the site in repositories that include four ponds. MWG continues to store and dispose of coal ash and other coal combustion waste in one or more of these ponds.

13. MWG installed 10 wells around the Will County plant's ponds in 2010. Groundwater monitoring results from Will County show levels of antimony, arsenic, boron, chloride, manganese, pH, selenium, sulfate, and TDS which exceed Illinois GQS and/or open dumping standards.

14. MWG, through coal ash disposal ponds, landfills, unconsolidated coal ash fill, and/or other coal ash and coal combustion waste repositories at Powerton, Will County and

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Waukegan has caused or contributed to contamination of the groundwater beneath Powerton, Will County and Waukegan in violation of 415 ILCS 5/21(a).

15. MWG, through coal ash disposal ponds, landfills, unconsolidated coal ash fill, and/or other coal ash and coal combustion waste repositories at Joliet 29, Powerton, Will County and Waukegan has discharged contaminants into the environment at Joliet 29, Powerton, Will County and Waukegan and thereby caused water pollution in violation of 415 ILCS 5/12(a) and (d), and 35 Ill. Admin. Code §§ 620.115, 620.301(a), and 620.405.

II. <u>FINAL ORDER OF WITNESSES</u>

- 1. Maria Race
- 2. Christopher D. Lux
- 3. Rebecca Maddox
- 4. Richard R. Gnat
- 5. Dr. James R. Kunkel

III. <u>LIST OF DEMONSTRATIVE EXHIBITS</u>

Bate Range	Description	Source Document Bates Range	Name
Bates MWG13-15	Joliet 29 well	Bates MWG13-15	Joliet 29 groundwater report,
58295	map	58292-58388	4th quarter 2016
Bates MWG13-15	Powerton	Bates MWG13-15	Powerton groundwater
62221	well map	62216-62321	report, 1st quarter 2017
Bates MWG13-15	Will County	Bates MWG13-15	Will County groundwater
58392	well map	58389-58489	report, 4th quarter 2016
Bates MWG13-15 60061	Will County well map	Bates MWG13-15 Stand-alone map	Produced after TestAmerica lab reports for Will County, February 2016, 60040-60060
Bates MWG13-15	Waukegan	Bates MWG13-15	Waukegan groundwater
43754	well map	43695-43848	report, 3rd quarter 2014
Bates MWG13-15 61564	Waukegan tannery ELUC well map	Bates MWG13-15 61553-61574	Waukegan tannery ELUC report, July 2016
Bates MWG13-15 60222	Waukegan well map	Bates MWG13-15 Stand-alone map	Produced after TestAmerica lab reports for Waukegan, May 2014, 60197-60221
Bates MWG13-15	Joliet 29 site	Bates MWG13-15	Joliet Phase II ESA
23339	map	23301-23597	
Bates MWG13-15	Waukegan	Bates MWG13-15	Waukegan Phase II ESA
45814	site map	45779-46054	

Excerpts from Documents in the Record

The following composite documents are in the form of a spreadsheet, which we currently plan to project on-screen, but the spreadsheet is also formatted to print to the following numbers of pages:

Composite Decomposte	Number of Deges
Composite Documents	Number of Pages
Joliet 29 groundwater data	
	6
Joliet 29 groundwater data summary table	
	1
Joliet 29 time series for boron and sulfate	
soner 25 time series for coron and sunate	4
Description and the last	7
Powerton groundwater data	10
	10
Powerton groundwater data summary table	
	1
Powerton time series charts	
	7
Waukegan groundwater data	,
Waukegan groundwater data	8
	-
Waukegan groundwater data summary table	1
Waukegan time series charts	
	5
Will County groundwater data	
50	6
Will County groundwater data summary table	
will County groundwater data summary table	1
	1
Will County time series charts	
	4
Waukegan well map (from maps identified	
above)	
, , , , , , , , , , , , , , , , , , , ,	1
Chart of Groundwater Standard Exceedances	
	15
	13

Composite Documents

IV. <u>FINAL EXHIBIT LIST</u>

Exhibits Produced by Complainants, Excluding Groundwater Monitoring Reports

First Page	Last Page	Brief Description
5526	5545	United States Environmental Protection Agency, Edition of the Drinking Water Standards and Health Advisories, (2012)
16136	16544	United States Environmental Protection Agency, Human and Ecological Risk Assessment of Coal Combustion Wastes, (Apr. 2010)
17321	17472	Electric Power Research Institute (EPRI), Comparison of Risks for Leachate from Coal Combustion Product Landfills and Impoundments with Risks for Leachate from Municipal Solid Waste Landfill Facilities, (2010)
17473	17473	Electric Power Research Institute, Groundwater Quality Signatures for Assessing Potential Impacts from Coal Combustion Product Leachate, (Nov. 15, 2012)
17477	17685	Ohio Environmental Protection Agency, Geotechnical and Stability Analyses for Ohio waste Containment Facilities, (Sept. 14, 2004)
18103	18847	United States Environmental Protection Agency, Hazardous and Solid Waste Management System; Disposal of Coal Combustion Residuals from Electric Utilities; EO12866_CCR 2050-AE81 Final Preamble and Rule_20141218 (Prepublication Version)
18848	19061	United States Geological Survey River Data
19062	19066	Illinois Environmental Protection Agency, Ash Impoundment Strategy Progress Report, (Oct. 2010)
19067	19298	Illinois Environmental Protection Agency, Technical Support Document: Coal Combustion Waste Impoundments at Electrical Coal Fired Power Plants
21738	21748	Nelson Leonard Nemerow, Theories and Practices of Industrial Waste Treatment (1963)
46976		Email from James Kunkel to Jennifer Duggan (Sept. 17, 2014)
52686		Jim Kunkel, Notes from Telecom with Abel Russ (Sept. 12, 2014)
53740	53740	Geosyntech, Notification of Intent to Initiate Closure of the Former Ash Basin, Powerton (Dec. 17, 2015)
23618	23629	NRT, Technical Memorandum No. 3 (Oct. 13, 2006).
23630	23647	NRT, Technical Memorandum No. 3 (Nov. 22, 2006).
23648	23654	Letter from Bruce R. Henset, NRT, to Maria Race re: Conceptual Design for Surface Impoundment Liners (Dec. 21, 2005).

		Patrick Engineering, IEPA meeting minutes, Maria Race in attendance,	
37981	37983	5/5/2010.	I

Exhibits Produced by Respondents, Excluding Groundwater Monitoring Reports

First Page	Last Page	Brief Description
1	176	NRT, Non-disclosable Impoundment Evaluations, (2005)
143	176	ENSR, Powerton Phase I Environmental Site Assessment, (1998)
328	332	Illinois Environmental Protection Agency, Violation Notice: Midwest Generation, LLC, Waukegan Generating Station, (June 11, 2012)
333	341	Illinois Environmental Protection Agency, Violation Notice: Midwest Generation, LLC, Will County Generating Station, (June 11, 2012)
342	347	Illinois Environmental Protection Agency, Violation Notice: Midwest Generation, LLC, Joliet #29 Generating Station, (June 11, 2012)
342	347	Joliet Notice of Violation (June 11, 2012)
348	358	Illinois Environmental Protection Agency, Violation Notice: Midwest Generation, LLC, Powerton Generating Station, (June 11, 2012)
364	383	Letter from Susan M. Franzetti, Counsel for Midwest Generation, LLC, to Andrea Rhodes, Illinois Environmental Protection Agency, Re: Violation NoticeMWG response to the Joliet NOV, Jul. 27, 2012
384	406	Letter from Susan M. Franzetti, Counsel for Midwest Generation, LLC, to Andrea Rhodes, Illinois Environmental Protection Agency, Re: Violation Notice 6282MWG response to Powerton NOV, Jul. 27, 2012
421	437	Letter from Susan M. Franzetti, Counsel for Midwest Generation, LLC, to Andrea Rhodes, Illinois Environmental Protection Agency, Re: Violation NoticeMWG response to the Will County NOV, Jul. 27, 2012
452	491	Letter from Susan M. Franzetti, Counsel for Midwest Generation, LLC, to Andrea Rhodes, Illinois Environmental Protection Agency, Re: Violation Notice 6281MWG response to Waukegan NOV, Sept. 4, 2012

		Letter from Susan M. Franzetti, Counsel for Midwest Generation, LLC,
506	501	to Andrea Rhodes, Illinois Environmental Protection Agency, Re:
506 523	521 529	Violation Notice 6283MWG response to Will NOV, Sept. 4, 2012 Proposed Joliet CCA.
323	529	•
538	544	Waukegan CCA (including cover page and unexecuted compliance statement)
552	558	Illinois Environmental Protection Agency & Midwest Generation, Powerton Compliance Commitment Agreement, (Oct. 24, 2012)
002	550	
		Illinois Environmental Protection Agency & Midwest Generation, Will
559	564	County Compliance Commitment Agreement, (October 24, 2012)
		Illinois Environmental Protection Agency & Midwest Generation,
565	570	Waukegan Compliance Commitment Agreement, (October 24, 2012)
		Illinois Environmental Protection Agency & Midwest Generation, Joliet
571	576	#29 Compliance Commitment Agreement, (October 24, 2012)
594	598	Midwest Generation, Compliance Commitment Agreement-Well Installation Documentation, Waukegan Station, (Jan 15, 2013)
574	570	instantation Documentation, Waakegan Station, (San 15, 2015)
		Midwast Consertion, Wouldson ELLIC Amplication, Compliance
		Midwest Generation, Waukegan ELUC Application, Compliance Commitment Agreement—ELUC, Midwest Generation, LLC,
599	610	Waukegan Station, (Jan. 18, 2013)
		Midwest Generation, Will County ELUC Application, Compliance
		Commitment Agreement—ELUC, Midwest Generation, LLC, Will
611	621	County Station,(Jan. 18, 2013)
		Midwest Generation, Compliance Commitment Agreement-
		Groundwater Management Zone Application—Will County Generating
622	666	Station, (Jan. 18, 2013)
		Midwest Generation, Compliance Commitment Agreement
667	711	Groundwater Management Zone ApplicationJoliet Generating Station, (Jan. 18, 2013)
	,	
		Midwest Generation, Powerton ELUC Application, Compliance
		Commitment Agreement—ELUC, Midwest Generation, LLC, Powerton
712	723	Station, (Jan. 18, 2013)

		Midwest Generation, Compliance Commitment Agreement-
		Groundwater Management Zone Application—Powerton Generating
724	775	Station, (Jan. 18, 2013)
795	796	Will County Compliance Statement (Oct. 17, 2013)
797	798	Powerton Compliance Statement (Oct. 17, 2013)
801	802	Joliet Compliance Statement (Oct. 9, 2013)
805	806	Waukegan Compliance Statement (Oct. 22, 2013)
818	819	Unsigned Letter from Maria Race to Lynn Dunaway
		United States Environmental Protection Agency, Questionnaire for the
821	2458	Steam Electric Power Generation Effluent Guidelines, (2010)
		ENSR Consulting, Phase II Environmental Site Assessment of the
		ComEd Powerton Generating Station, Route 29 & Mantino Road, Pekin,
3253	3644	Illinois, (1998)
		ENSR Consulting, Phase II Environmental Site Assessment of the
5699	6039	ComEd Will County Generating Station, (1998)
		Patrick Engineering, Joliet Hydrogeologic Assessment Report, (Feb.
6964	7080	2011)
		Patrick Engineering, Joliet Patrick Hydrogeological Assessment Report,
6964	7080	(2011)
		Patrick Engineering, Powerton Hydrogeologic Assessment Report, (Feb.
7081	7147	2011)
71.40	7220	Patrick Engineering, Waukegan Hydrogeologic Assessment Report,
7148	7229	(Feb. 2011)
7140	7000	Patrick Engineering, Hydrogeological Assessment Report Waukegan,
7148	7229	
7220	7222	Patrick Engineering, Will County Hydrogeologic Assessment Report,
7230	7332	(Feb. 2011)
7220	7240	Patrick Engineering, Hydrogeological Assessment Report Will
7230	7340	County, (2011)
7262	7262	KPRG, Figure 1: Agreed Upon Monitoring Well Location, Powerton,
7362	7362	(Dec. 12, 2012)
7392	7392	Patrick Engineering, Lake Michigan Water Balance Diagram, (Sept. 2010)
1392	/392	2010)
7400	7409	Midwest Generation, Powerton Outfall Diagrams, (Mar. 2010)
/+00	/409	
8502	8526	ENSR, Phase I Environmental Site Assessment of the ComEd Powerton
0302	8536	Generating Station, (1998)
0582	0642	Midwest Generation, Powerton Ash Surge Basin Construction Permit
9583	9643	Request, (Jan. 17, 2013)

		Letter from Richard Gnat, Principal, KPRG, to Lynn Dunaway, Illinois Environmental Protection Agency, Bureau of Water, re Powerton
9644	9645	Compliance Commitment Agreement-ELUC/GMZ (Sept. 11, 2013)
10640	10658	Patrick Engineering, Monitoring Well Completion Reports for Powerton Ash Pond Assessments, (October 20, 2010)
10759	10771	Patrick Engineering, Proposal for Ash Pond Investigation, (Aug. 18, 2010)
10772	10773	Annual NPDES Compliance Evaluation (Aug. 22, 2012)
10774	10777	NPDES Compliance Evaluation (Aug. 18, 2010)
10812	10815	Alan Keller, Illinois Environmental Protection Agency, Powerton Liner Replacement Construction Permit, (Feb. 25, 2013)
10825	10925	KPRG, Ash Pond Sediment Characterization and Cross-Sectional Survey-Powerton, (Jan. 23. 2003)
10926	10947	Powerton Wastewater Treatment Facilities Operating Manuals
10976	10978	Amendola Engineering, Inc. Powerton NPDES Outfalls, (May 11, 2004)
11302	11492	Andrews Environmental Engineering Inc., Draft Sampling Plan Report for the Limestone Runoff Basin, (June 8, 2004)
11302	11492	AEEI, Draft Sampling Plan Report, Midwest Generation, LLC, Powerton Generating Station, (June 2004)
11573	11580	Waukegan Liner Repair Documents, (2007)
11581	11583	Purchase Order, Waukegan Liner Repairs (Jul. 13, 2010)
11955	11955	Email Exchange Re: "Bottom Ash Pond Liner Repairs" (May 12, 2000)
11961	11965	Letter from Michael Smith, Structural Project Engineer, Doyen and Associates, Incorporated to Tom Dilla, ComEd, Waukegan Station (Aug. 7, 1997)
11966	12040	ENSR, Phase I Environmental Site Assessment of the ComEd Waukegan Generating Station, (Oct. 1998)
11966	12040	Commonwealth Edison, Phase I Environmental Site Assessment Waukegan Generating Station, 1998
12713	12751	Waukegan Environmental Land Use Control (June 9, 2003)
12827	12845	Letter from Richard Gnat, Principal, KPRG and Associates, Inc. to Maria Race, re Liner Inspection-West and East Ash Pond at Waukegan Generation Station (Aug. 31, 2005)

12846	12849	North Antelope Mine Coal Specifications
		KPRG, Phase II Environmental Site Investigation of Will County
13087	13239	Station, (Sept. 30, 2009)
		KPRG, Phase I Environmental Site Assessment of Will County Station,
13241	13421	(Oct. 22, 2008)
13734	13736	Email from Eric J. Tlachac to Maria Race (Oct. 24. 2007)
13737	13742	Email Exchange Re "Will County South Ash Pond Liner Design Status"
13774	13774	Email Exchange Re "Ash Pond #3"
10050	10000	Patrick Engineering Inc., Hydrogeological Assessment Plan, Joliet
13870	13886	Generating Station No. 29, (July 2010)
14006	1 4 1 0 1	
14096	14101	Email Exchange Re "Data tables for Ash Pond Investigations"
14157	14173	Email Exchange Re "Ash Pond Data Summaries"
14157	14173	Email from Richard Frendt to Maria Race (Feb. 10, 2012)
14177	14101	Energi Ersten en De 1120 Aste Den de Linen Demons en Will Constant
14177	14181	Email Exchange Re "3S Ash Pond Liner Damage-Will County"
14225	14269	Email from Richard Frendt to Maria Race Aug. 9, 2012)
14271	14271	Email Exchange Re "ash ponds" (Aug. 30, 2012)
14522	14544	Waukegan Station New Wells and ELUC Information
		Midland Standard Engineering & Testing, Inc., Laboratory Testing
14744	14747	Services-Will County station (Aug. 22, 2012)
14783	14785	Email from Xinying Wang to Richard Gnat (July 25, 2012)
		Letter from Susan Franzetti, Counsel for Midwest Generation, Nijman
		Franzetti LLP to Illinois EPA, Division of Public Water Supplies re
15199	15238	Violation Notice-Waukegan (Sept. 4, 2012)
16277	16278	Email from Bill Buscher at IEPA to Maria Race (Oct. 26, 2011)
		Letter from William E. Buscher, Manager, Hydrogeology and
		Compliance Unit, Groundwater Section, Bureau of Water, IEPA to John
16564	16564	Kennedy, Senior Vice President, Generation (Jul. 2, 2013)
16907	16963	Waukegan ELUC
		Letter from William E. Buscher, Manager, Hydrogeology and
		Compliance Unit, Groundwater Section, Bureau of Water, IEPA to Amy
17183	17183	Hanrahan, Senior Environmental Manager, MWG (Aug. 8, 2013)
		Midwest Generation, Compliance Commitment Agreement—
		Groundwater Management Zone Application—Joliet #29 Generating
17185	17229	Station, (Jan. 18. 2013)

		Illinois Environmental Protection Agency, Construction Permit for Liner
18053	18053	Replacement for Ash Ponds 1 and 2 at Joliet, (July 20, 2007)
18115	18131	Commonwealth Edison Co 1978 Remediation Objectives report
		Midwest Generation, Application for Permit or Construction Approval-
18133	18189	Joliet Station, Ash Impoundment 1 and 2, (June 21, 2007)
18192	18192	Ruettiger, Tonelli & Associates, Inc., Ash Removal Exhibit, (2007)
		Leak Location Services, Inc., Report for "Electronic Leak Location
		Survey for Ash Impoundment 2 at the Midwest Generation Joliet
18445	18446	Station,", (June 2, 2008)
18824	19071	KPRG, Coal Ash and Slag Removal Documentation
19067	10429	KDBC Juliat #20 Ash Darma Damayal Symmetry (Sant. 20, 2007)
19007	19428	KPRG, Joliet #29 Ash Berm Removal Summary (Sept. 20, 2007)
19430	19441	KPRG, Joliet #29 Former Ash Burial Area Runoff Erosion Repair Documentation, (Sept. 26, 2009)
17150	17111	KPRG, Joliet #29 Former Ash Burial Area Runoff Inspection 2009,
19442	19452	(Aug. 27, 2009)
		KPRG, Joliet #29 Former Ash Burial Area Runoff Inspection and
19455	19468	Erosion Repair Documentation, (2010)
		KPRG, Joliet #29 Former Ash Burial Area Runoff Inspection 2012,
19470	19473	(Sept. 19, 2012)
19474	19481	KPRG, Joliet #29 Former Ash Burial Area Runoff Erosion Repair, (Sept. 26, 2012)
		KPRG, Joliet #29 Former Ash Burial Area Runoff Inspection 2013,
19483	19483	(Aug. 21, 2013)
19485	19668	KPRG, Joliet CCB Determination Support, (July 25, 2005)
19485	19668	KPRG, Joliet CCB Determination Support, (2005)
19486	19668	KPRG, Joliet #29 Summary Report (July 25, 2005)
21250	21260	Email Exchange Re "IEPA visit letter and phone conversations for
21359	21360	Powerton" (Sept. 5, 2012)
21361	21367 21465	Email from Maria Race to William Gaynor (Oct. 19, 2012) Email from Maria Race to James DiCola (June 7, 2010)
21463	21403	Eman nom Maria Race to James DiCola (June 7, 2010)
		Letter from Amy Hanrahan to Andrea Rhodes, Illinois EPA, Well
21746	21750	Installation Documentation, Powerton (Dec. 14, 2012)
		Email Exchange Re "Powerton Secondary Ash Basin Relining" (Mar. 27,
22014	22018	2013)
22020	22020	Email Exchange Re Ground Water Issues (Mar. 27, 2013)

22023	22023	Email from William Gaynor to Amy Hanrahan and others, 4/9/2013.
22765	22766	Email from William Gaynor to Charles J Hart and others, 9/24/2013.
22846	22849	Email from William Gaynor to Christopher Lux, 3/8/2013.
22863	22865	Letter from Michael J. Smith, Valdes Engineering, to Christopher Luc, re: Waukegan Ash Ponds Berm Inspection (6/29/2009).
22934	22943	Email from Chris Lux to James Sault and other, 5/23/2013.
23301	23597	ENSR, Phase II Environmental Site Assessment for Joliet 29 (Dec. 1998).
23608	23617	NRT, Technical Memorandum No. 1, Impoundment Ranking and Replacement Liner Recommendations (Dec. 1, 2005).
23721	23729	Letter from Bruce R. Henset, NRT, to Maria Race re: Conceptual Design for Surface Impoundment Liners (Dec. 21, 2005).
23977	23977	Letter from William E. Buscher, IEPA, to John Kennedy, re: Approval of Powerton GMW (10/3/2013).
24221	24231	Letter from Michael J. Smith, Valdes Engineering, to Chris Lux, re: Waukegan Ash Pond Berm Visual Inspection (6/12/14).
24264	24386	Letter from Richard Gnat, KPRG, to Maria Race re: Geotechnical Analysis of Soil Surrounding Settling Basins/Ponds (10/13/2005).
24387	24392	Letter from Richard Gnat, KPRG, to Maria Race re: Re-Issuance of Figure 4-1 for Geotechnical Summary Report (Oct. 25,2005).
25139	25167	ENSR, Phase I Environmental Site Assessment for Joliet 29 (Oct. 1998).
25369	25372	Letter from Elsie Briette to Dave Cohn re: Abandoned Ash Landfill Area at Joliet 29 (4/20/1995).
27001	27001	Email from Jeffrey Beaudry to Aron Yakima and others, 7/17/2013.
27130	27136	Email Exchange Re: Leak Location Survey for 2S Pond at MWGen - Will County
27555	27556	Email from David Kamano to Jeff Beaudry and others, 2/12/2013.
28031	28034	Email from Terry Kosmatka to Christopher lux and other, 9/13/2013.

28326	28354	Will County Email Exchanges
		Fax from Tedd Mills, Brieser Construction, to Beckie Maddox,
28849	28851	10/19/2009.
		Stormwater Construction Site Inspection Report signed by Beckie
28862	28863	Maddox, 10/1/2009.
		Letter from Maria Race to Jaime Rabins, IEPA re: liner replacement
29023	29081	permit application for Will County, 7/22/2008.
29102	29104	NRT construction drawings, Will County
29165	29259	Will County liner replacement request for proposals, 9/8/2008.
29339	29339	Will County ash pond modification plan, 1/18/2013.
29502	29532	ENSR, Phase I Environmental Site Assessment for Will County (Oct. 1998).
		Letter from Donald Claybaugh to IEPA re: "IEMA incident" at Will
29589	29590	County (12/11/2008).
		Letter from Matthew Kemnitz, Leak Location Services Inc., to Mike
		Schmidt, Brieser Construction, re: leak location survey at Joliet 29
29807	29809	(10/7/2013).
		Letter from John Ortiz, Leak Location Services, Inc., to Craig Holthaus,
		Otto Baum Company, Inc., re: leak location survey at Powerton
29832	29836	(3/21/2011).
		IEPA permit to construct - Powerton bypass basin expansion and liner
30421	30424	upgrade, 9/15/2010.
31492	31493	Photographs of liner installation
32583	32583	Construction drawing of Will County ponds
		Letter from NRT to Terry Kosmatka re: Joliet 29 south pond #3 liner
33867	33997	replacement construction drawings (7/16/2014).
33867	33997	Permit Application for South Ash Ponds 2 and 3 Liner Replacement
22000	0.41.55	Letter from NRT to Mark Kelly re: Powerton ash surge basin liner
33998	34157	replacement construction drawings (7/18/2014).
24150	24550	Letter from NRT to Mark Kelly re: Powerton secondary ash settling
34158	34550	basin liner replacement construction drawings (7/21/2014).
27070	27000	
37979	37980	IEPA Meeting minutes, Maria Race in attendance, 5/5/2010.
		Patrick Engineering, Quarterly Groundwater Monitoring Results –
20(47	20/75	Second Quarter 2011, Powerton Generating Station – Ash Impoundment
39647	39675	(Aug. 1, 2011)

		Patrick Engineering, Hydrogeological Assessment Report Powerton
39760	39826	Station, 2011
41172	41183	Letter from Richard Frendt, Patrick Engineering, to Maria Race (10/10/2012).
41297	41378	Patrick Engineering, Hydrogeologic Assessment Report for Waukegan Generating Station (Feb. 2011).
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2475	2562	KPRG Associates, Quarterly Groundwater Monitoring Results – Second Quarter 2013 Joliet #29 Generating Station – Ash Impoundments. See also: Bates Comp. 002475-002562 (July 22, 2013)

Groundwater Monitoring Reports Produced by Complainants

Groundwater Monitoring Reports Produced by Respondents

Complainants intend to offer these as large group exhibits in order to expedite the introduction of evidence at the hearing.

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407	420	Letter from Susan M. Franzetti, Counsel for Midwest Generation, LLC, to Andrea Rhodes, Illinois Environmental Protection Agency, Re: Violation NoticeMWG response to the Waukegan NOV, Jul. 27, 2012
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		URS Corp, Annual Groundwater Monitoring Report – July 2010, Environmental Land Use Control Implementation,
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46077	46093	Implementation (June 26, 2006)
10077	10075	
		RETEC, Semiannual Groundwater Monitoring Report- December 2005, Waukegan Environmental Land Use Control
46094	46112	Implementation (June 26, 2006)
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45513	45647	TestAmerica Analytical Report (June 3, 2014)
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Dated: October 2, 2017

Respectfully Submitted,

Lound Will

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CERTIFICATE OF SERVICE

The undersigned certifies that a true copy of the foregoing Notice of Electronic filing and **COMPLAINANTS' PRE-HEARING MEMORANDUM** was filed electronically on October 2, 2017 and served via electronic mail on October 2, 2017 on the parties listed on the following Service List.

/s/ John Agada

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