

NPDES Permit No. IL0004057
Notice No. BWC:11062401.bwc

Public Notice Beginning Date: **August 22, 2012**

Public Notice Ending Date: **September 21, 2012**

National Pollutant Discharge Elimination System (NPDES)
Permit Program

Draft Reissued NPDES Permit to Discharge into Waters of the State

Public Notice/Fact Sheet Issued By:

Illinois Environmental Protection Agency
Bureau of Water
Division of Water Pollution Control
Permit Section
1021 North Grand Avenue East
Post Office Box 19276
Springfield, Illinois 62794-9276
217/782-0610

Name and Address of Discharger:

Dynegy Midwest Generation, LLC
604 Pierce Boulevard
O'Fallon, Illinois 62269

Name and Address of Facility:

Dynegy Midwest Generation, LLC
Vermilion Power Station
10188 East 2150 North
Oakwood, Illinois 61858
(Vermilion County)

The Illinois Environmental Protection Agency (IEPA) has made a tentative determination to issue a NPDES permit to discharge into the waters of the state and has prepared a draft permit and associated fact sheet for the above named discharger. The Public Notice period will begin and end on the dates indicated in the heading of this Public Notice/Fact Sheet. The last day comments will be received will be on the Public Notice period ending date unless a commentor demonstrating the need for additional time requests an extension to this comment period and the request is granted by the IEPA. Interested persons are invited to submit written comments on the draft permit to the IEPA at the above address. Commentors shall provide his or her name and address and the nature of the issues proposed to be raised and the evidence proposed to be presented with regards to those issues. Commentors may include a request for public hearing. Persons submitting comments and/or requests for public hearing shall also send a copy of such comments or requests to the permit applicant. The NPDES permit and notice number(s) must appear on each comment page.

The application, engineer's review notes including load limit calculations, Public Notice/Fact Sheet, draft permit, comments received, and other documents are available for inspection and may be copied at the IEPA between 9:30 a.m. and 3:30 p.m. Monday through Friday when scheduled by the interested person.

If written comments or requests indicate a significant degree of public interest in the draft permit, the permitting authority may, at its discretion, hold a public hearing. Public notice will be given 45 days before any public hearing. Response to comments will be provided when the final permit is issued. For further information, please call Brian Cox at 217/782-0610.

The applicant operates the facility which was formerly utilized as a coal fired steam electric generating station (SIC 4911). Precipitation events may result in intermittent discharges from the North Ash Pond overflow referred to as Outfall 001, the Makeup Water Reservoir overflow referred to as Outfall 002, and the East Ash Pond overflow referred to as Outfall 003.

The following modifications have been proposed since the draft permit which was public noticed August 24, 2011:

The Vermilion Power Station was retired November 17, 2011. As a result, all contributory waste streams, except stormwater runoff, have been eliminated. Discharges will only occur due to precipitation events which may cause overflows from the North Ash Pond, the Makeup Water Reservoir, and the East Ash Pond. The North and East Ash Ponds contain sludge which was previously generated from the treatment of the following waste streams: Fly ash with mercury sorbent residues and bottom ash transport water, ash hopper overflow, Demineralizer regenerant wastes, Water treatment clarifier sludge, Water filter backwash waste, Coal pile runoff, Non-chemical metal cleaning wastes, Boiler room and dust collector area floor drains, Pyrites from coal crushing, Chemical tank cleaning sludge and rinse waters, Reverse Osmosis Reject, and Cooling Tower Overflow.

Special Condition 14 of the August 24, 2011 draft permit was modified to clarify that all discharges to the North Ash Pond, the Makeup Water Reservoir, and the East Ash Pond are limited to stormwater runoff free from any other waste streams. Discharges to Outfalls 001, 002, and 003 are limited to overflows caused by precipitation events, from the North Ash Pond, the Makeup Water Reservoir, and the East Ash Pond, respectively.

Monitoring frequencies for Outfalls 001, 002, and 003 have been reduced.

Oil and grease monitoring requirements have been removed from the permit.

Special Conditions 3, 5, 8, and 18 of the August 24, 2011 draft permit have been eliminated as cooling tower blowdown is no longer generated.

Outfalls A01 and A03, which were used strictly for the purposes of monitoring cooling tower blowdown, have been eliminated.

Special Condition 21 of the August 24, 2011 draft permit has been eliminated as the plant intake is no longer operational.

Special Condition 1 of the August 24, 2011 draft permit was modified to eliminate the language regarding continuous pH monitoring and Special Condition 7 of the August 24, 2011 draft permit was eliminated, because the monitoring frequency for pH has been reduced to once per month during months in which a qualifying discharge occurs.

Special Condition 19 of the August 24, 2011 draft permit was eliminated due to the facility's retirement.

Outfalls B01, B03, C01, and C03 were previously eliminated due to the removal of chemical metal cleaning waste discharges and removal of the emergency activated carbon treatment system.

Application is made for the existing discharge(s) which are located in Vermilion County, Illinois. The following information identifies the discharge point, receiving stream and stream classifications:

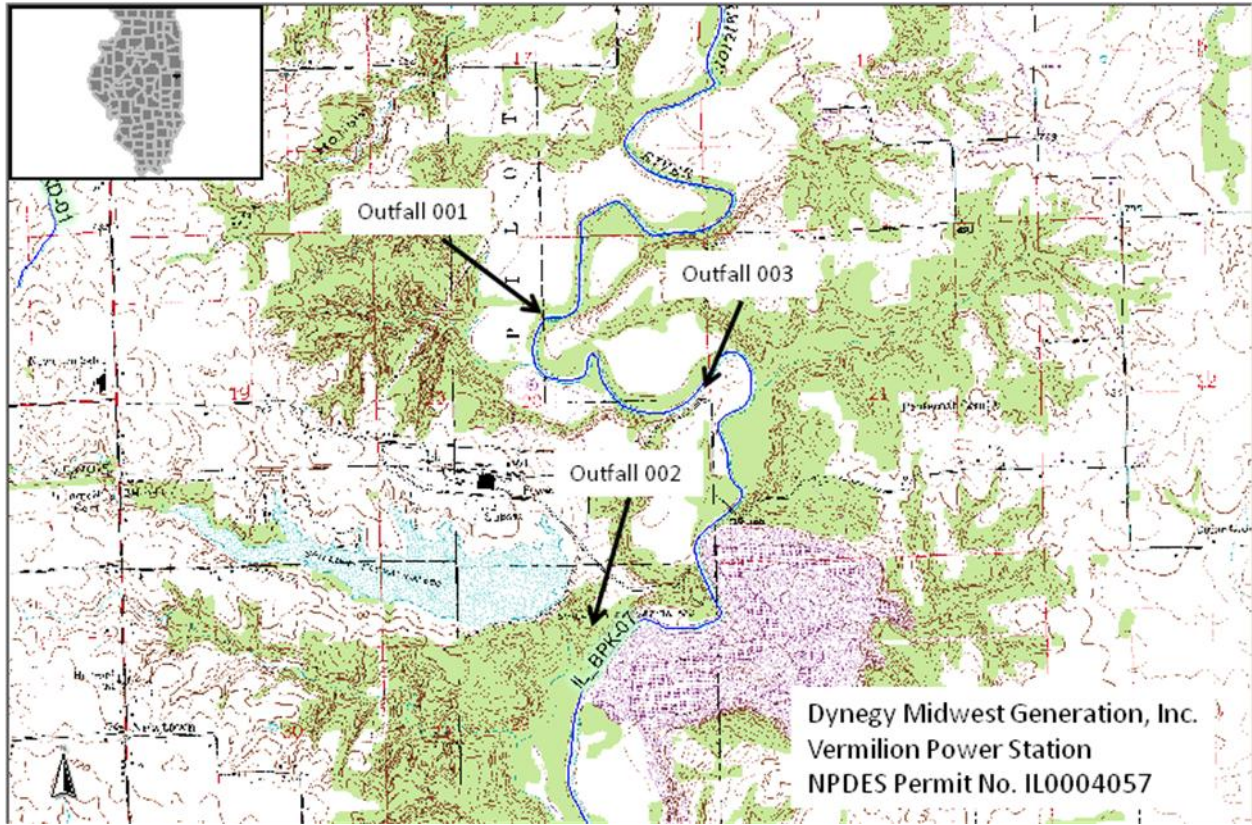
<u>Outfall</u>	<u>Receiving Stream</u>	<u>Latitude</u>	<u>Longitude</u>	<u>Stream Classification</u>	<u>Integrity Rating</u>
001	Middle Fork Vermilion River	40° 11' 07" North	87° 44' 37 " West	General Use	C
002	Middle Fork Vermilion River	40° 10' 23" North	87° 44' 37" West	General Use	C
003	Middle Fork Vermilion River	40° 10' 45" North	87° 44' 10" West	General Use	C

To assist you further in identifying the location of the discharge please see the attached map.

The stream segment, IL_BPK-07 receiving the discharges from outfall(s) 001, 002, and 003 is not on the draft 2010 303(d) list of impaired waters. The stream segment, IL_BPK-07 receiving the discharge from outfall(s) 001, 002, and 003 is not listed as a Biologically Significant Stream and has been given a C integrity rating in the 2008 Illinois Department of Natural Resources publication *Integrating Multiple Taxa in a Biological Stream Rating System*. The downstream portion of Segment IL_BPK-07, beginning approximately one mile downstream of the facility, is listed as a Biologically Significant Stream and has been given a B integrity rating according to the abovementioned IDNR publication. The stream segment, IL_BPK-07 receiving the discharge from outfall(s) 001, 002, and 003 is on the draft 2012 303(d) list of impaired waters.

The following parameters have been identified as the pollutants causing impairment:

<u>Designated Use</u>	<u>Pollutants</u>
Primary Contact Recreation	Fecal Coliform



The discharge(s) from the facility shall be monitored and limited at all times as follows:

Outfalls: 001 and 003

PARAMETER	LOAD LIMITS lbs/day DAF (DMF)		REGULATION	CONCENTRATION LIMITS mg/L		REGULATION
	30 DAY AVERAGE	DAILY MAXIMUM		30 DAY AVERAGE	DAILY MAXIMUM	
Flow (MGD)				Monitor Only		
pH				Shall be in the range 6 to 9 S.U.		35 IAC 304.125
Total Suspended Solids				15	30	35 IAC 304.124
Boron					1.0*	35 IAC 302.208
Iron (Total)				2	4	35 IAC 304.124

*Boron is limited by a special condition which allows a varying discharge.

Outfall: 002

PARAMETER	LOAD LIMITS lbs/day DAF (DMF)		REGULATION	CONCENTRATION LIMITS mg/L		REGULATION
	30 DAY AVERAGE	DAILY MAXIMUM		30 DAY AVERAGE	DAILY MAXIMUM	
Flow (MGD)						
pH				Shall be in the range 6 to 9 S.U.		35 IAC 304.125
Total Suspended Solids				15	30	35 IAC 304.124

The load limits appearing in the permit will be the more stringent of the State and Federal Guidelines.

The following explain the conditions of the proposed permit:

The special conditions prohibit the discharge of polychlorinated biphenyl compounds, require semi-annual metals monitoring for Outfalls 001 and 003, clarify boron limitations, effluent monitoring, sampling, and reporting requirements, and clarify that the discharges to the North Ash Pond, the East Ash Pond, and the Makeup Water Reservoir are limited to stormwater runoff free from any other waste streams and discharges from Outfalls 001, 002, and 003 are limited to overflows from the aforementioned impoundments.

Public Notice of Draft Permit

Public Notice Number BWC:11062401.bwc is hereby given by Illinois EPA, Division of Water Pollution Control, Permit Section, 1021 North Grand Avenue East, Post Office Box 19276, Springfield, Illinois 62794-9276 (herein Agency) that a draft National Pollutant Discharge Elimination System (NPDES) Permit Number IL0004057 has been prepared under 40 CFR 124.6(d) for Dynegy Midwest Generation, LLC, 604 Pierce Boulevard, O'Fallon, Illinois 62269, for discharge into the Middle Fork Vermilion River from the Dynegy Midwest Generation, LLC., Vermilion Power Station, 10188 East 2150 North, Oakwood, Illinois 61858, (Vermilion County). The applicant operates the facility which was formerly utilized as a coal fired steam electric generating station (SIC 4911). Precipitation events may result in intermittent discharges from the North Ash Pond overflow referred to as Outfall 001, the makeup water reservoir overflow referred to as Outfall 002, and the East Ash Pond overflow referred to as Outfall 003. The Vermilion Power Station was retired November 17, 2011, so the only discharges remaining will be due to stormwater runoff. The North Ash Pond and East Ash Pond contain sludge which was previously generated from the treatment of the following waste streams: Fly ash with mercury sorbent residues and bottom ash transport water, ash hopper overflow, Demineralizer regenerant wastes, Water treatment clarifier sludge, Water filter backwash waste, Coal pile runoff, Non-chemical metal cleaning wastes, Boiler room and dust collector area floor drains, Pyrites from coal crushing, Chemical tank cleaning sludge and rinse waters, Reverse Osmosis Reject, and Cooling Tower Overflow.

The application, draft permit and other documents are available for inspection and may be copied at the Agency between 9:30 a.m. and 3:30 p.m. Monday through Friday. A Fact Sheet containing more detailed information is available at no charge. For further information, call the Public Notice Clerk at 217/782-0610.

Interested persons are invited to submit written comments on the draft permit to the Agency at the above address. The NPDES Permit and Joint Public Notice numbers must appear on each comment page. All comments received by the Agency not later than 30 days from the date of this publication shall be considered in making the final decision regarding permit issuance.

Any interested person may submit written request for a public hearing on the draft permit to the Agency at the above address. The NPDES Permit and joint public notice must appear on each comment page. All comments received by the Agency not later than 30 days from the date of this publication shall be considered in making the final decision regarding permit issuance.

If written comments and/or requests indicate a significant degree of public interest in the draft permit, the permitting authority may, at its discretion, hold a public hearing. Public notice will be given 30 days before any public hearing.

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NPDES Permit No. IL0004057

Illinois Environmental Protection Agency

Division of Water Pollution Control

1021 North Grand Avenue East

Post Office Box 19276

Springfield, Illinois 62794-9276

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

Reissued (NPDES) Permit

Expiration Date:

Issue Date:

Effective Date:

Name and Address of Permittee:

Dynegy Midwest Generation, LLC
604 Pierce Boulevard
O'Fallon, Illinois 62269

Facility Name and Address:

Dynegy Midwest Generation, LLC
Vermilion Power Station
10188 East 2150 North
Oakwood, Illinois 61858
(Vermilion County)

Discharge Number and Name:

001 North Ash Pond
002 Make-Up Water Reservoir Overflow
003 East Ash Pond

Receiving Waters:

Middle Fork Vermilion River

In compliance with the provisions of the Illinois Environmental Protection Act, Title 35 of Ill. Adm. Code, Subtitle C and/or Subtitle D, Chapter 1, and the Clean Water Act (CWA), the above-named permittee is hereby authorized to discharge at the above location to the above-named receiving stream in accordance with the standard conditions and attachments herein.

Permittee is not authorized to discharge after the above expiration date. In order to receive authorization to discharge beyond the expiration date, the permittee shall submit the proper application as required by the Illinois Environmental Protection Agency (IEPA) not later than 180 days prior to the expiration date.

Alan Keller, P.E.
Manager, Permit Section
Division of Water Pollution Control

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NPDES Permit No. IL0004057

Effluent Limitations and Monitoring

1. From the effective date of this permit until the expiration date, the effluent of the following discharge(s) shall be monitored and limited at all times as follows:

Outfall(s): 001 North Ash Pond*
(Intermittent Discharge due to Stormwater Runoff)

PARAMETER	LOAD LIMITS lbs/day DAF (DMF)		CONCENTRATION LIMITS mg/L		SAMPLE FREQUENCY	SAMPLE TYPE
	30 DAY AVERAGE	DAILY MAXIMUM	30 DAY AVERAGE	DAILY MAXIMUM		
Flow (MGD)	See Special Condition 12				1/Month**	Single Reading Calculation
pH	See Special Condition 1				1/Month**	Grab
Total Suspended Solids			15	30	1/Month**	Grab
Boron				1.0***	1/Month**	Grab
Iron (Total)			2	4	1/Month**	Grab

* The North Ash Pond contains sludge which was previously generated from the treatment of the following waste streams: Cooling Tower Blowdown, Fly ash with mercury sorbent residues and bottom ash transport water, ash hopper overflow, Demineralizer regenerant wastes, Water treatment clarifier sludge, Water filter backwash waste, Coal pile runoff, Non-chemical metal cleaning wastes, Boiler room and dust collector area floor drains, Pyrites from coal crushing, Chemical tank cleaning sludge and rinse waters, Reverse Osmosis Reject, and Cooling Tower Overflow.

**See Special Condition 13

***See Special Condition 7

NPDES Permit No. IL0004057

Effluent Limitations and Monitoring

1. From the effective date of this permit until the expiration date, the effluent of the following discharge(s) shall be monitored and limited at all times as follows:

Outfall(s): 002 Make Up Water Reservoir Overflow
(Intermittent Discharge due to Stormwater Runoff)

PARAMETER	LOAD LIMITS lbs/day DAF (DMF)		CONCENTRATION LIMITS mg/L		SAMPLE FREQUENCY	SAMPLE TYPE
	30 DAY AVERAGE	DAILY MAXIMUM	30 DAY AVERAGE	DAILY MAXIMUM		
Flow (MGD)	See Special Condition 12				1/Month**	Single Reading Calculation
pH	See Special Condition 1				1/Month**	Grab
Total Suspended Solids			15	30	1/Month**	Grab

* The Make Up Water Reservoir contains sludge which was previously generated from the treatment of the following waste streams: Boiler Blowdown, Cooling Tower Basin Drains and Overflows, and Raw Water from the Middle Fork Vermilion River.

** See Special Condition 13

NPDES Permit No. IL0004057

Effluent Limitations and Monitoring

1. From the effective date of this permit until the expiration date, the effluent of the following discharge(s) shall be monitored and limited at all times as follows:

Outfall(s): 003 East Ash Pond*
(Intermittent Discharge due to Stormwater Runoff)

PARAMETER	LOAD LIMITS lbs/day DAF (DMF)		CONCENTRATION LIMITS mg/L		SAMPLE FREQUENCY	SAMPLE TYPE
	30 DAY AVERAGE	DAILY MAXIMUM	30 DAY AVERAGE	DAILY MAXIMUM		
Flow (MGD)	See Special Condition 12				1/Month**	Single Reading Calculation
pH	See Special Condition 1				1/Month**	Grab
Total Suspended Solids			15	30	1/Month**	Grab
Boron				1.0***	1/Month**	Grab
Iron (Total)			2	4	1/Month**	Grab

* The East Ash Pond contains sludge which was previously generated from the treatment of the following waste streams: Cooling Tower Blowdown, Fly ash with mercury sorbent residues and bottom ash transport water, ash hopper overflow, Demineralizer regenerant wastes, Water treatment clarifier sludge, Water filter backwash waste, Coal pile runoff, Non-chemical metal cleaning wastes, Boiler room and dust collector area floor drains, Pyrites from coal crushing, Chemical tank cleaning sludge and rinse waters, Reverse Osmosis Reject, and Cooling Tower Overflow.

**See Special Condition 13

***See Special Condition 7

Special Conditions

SPECIAL CONDITION 1. The pH shall be in the range 6.0 to 9.0.

SPECIAL CONDITION 2. Samples taken in compliance with the effluent monitoring requirements shall be taken at a point representative of the discharge, but prior to entry into the receiving stream.

SPECIAL CONDITION 3. There shall be no discharge of polychlorinated biphenyl compounds (PCBs).

SPECIAL CONDITION 4. The Permittee shall record monitoring results on Discharge Monitoring Report (DMR) Forms using one such form for each outfall each month.

In the event that an outfall does not discharge during a monthly reporting period, the DMR Form shall be submitted with no discharge indicated.

The Permittee may choose to submit electronic DMRs (eDMRs) instead of mailing paper DMRs to the IEPA. More information, including registration information for the eDMR program, can be obtained on the IEPA website, <http://www.epa.state.il.us/water/edmr/index.html>.

The completed Discharge Monitoring Report forms shall be submitted to IEPA no later than the 15th day of the following month, unless otherwise specified by the permitting authority.

Permittees not using eDMRs shall mail Discharge Monitoring Reports with an original signature to the IEPA at the following address:

Illinois Environmental Protection Agency
Division of Water Pollution Control
1021 North Grand Avenue East
Post Office Box 19276
Springfield, Illinois 62794-9276

Attention: Compliance Assurance Section, Mail Code # 19

SPECIAL CONDITION 5. Standard Condition 11(a) of Attachment H is revised as follows:

An application submitted by a corporation shall be signed by a principal executive officer of at least the level of vice president, or his duly authorized representative, if such representative is responsible for the overall operation of the facility from which the discharge described in the application form originates. In the case of a partnership or a sole proprietorship, the application shall be signed by a general partner or the proprietor, respectively. In the case of a publicly owned facility, the application shall be signed by either the principal executive officer, ranking elected official, or other duly authorized employee.

SPECIAL CONDITION 6. Standard Condition 11(b) of Attachment H is revised as follows:

Pursuant to 40 CFR 122.22(b) all reports required by permits, other information requested by the Director, and all permit applications shall be signed by a person described in 40 CFR 122.22(a), or by a duly authorized representative of that person. A person is a duly authorized representative only if:

- (1) The authorization is made in writing by a person described in paragraph (a) of this section;
- (2) The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility or activity such as the position of plant manager, operator of a well or a well field, superintendent, position of equivalent responsibility, or an individual or position having overall responsibility for environmental matters for the company. (A duly authorized representative may thus be either a named individual or any individual occupying a named position.) and
- (3) The written authorization is submitted to the Director.

SPECIAL CONDITION 7. For Outfalls 001 and 003 the Permittee shall determine on a daily basis compliance with the General Use water quality standards for boron (1.0 mg/l), in the Middle Fork of the Vermilion River. The following equations shall be used to make these determinations.

1) Flow Limitations

When Outfall 001 or 003 is discharging, the river concentration downstream from either Outfall 001 or 003 when discharging alone shall be computed for that outfall as follows:

Special Conditions

$$C(ds) = [Q(e)*C(e) + 0.25*Q(us)*C(us)]/[0.25*Q(us) + Q(e)]$$

where Q(e) = allowable effluent flow (cfs)

Q(us) = river flow upstream of all plant outfalls (cfs)

C(ds) = general use water quality standard (not to be exceeded at any time)(mg/l)
for boron: 1.0 mg/l

C(us) = river concentration upstream of all plant outfalls (mg/l)

C(e) = effluent pollutant concentration (mg/l)

2) Mass Limitations

When outfalls 001 and/or 003 are discharging, neither outfall may violate the flow restrictions of equation 1. above. In addition, the combined mass limitations for these outfalls shall be computed as follows:

$$M_{plant} = [(0.25)*Q(us) + Q_{plant}]*5.394*C(ds) - [(0.25)*Q(us)*5.394*C(us)]$$

where: M(lb/day) = conc(mg/l)*Q(cfs)*5.394

M_{plant} = M(001) + M(003)

M_{tot} = M_{plant} + M(us)

M_{plant} = M_{tot} - M(us)

M(us) = (0.25)*Q(us)*5.394*C(us)

M_{tot} = [(0.25)*Q(us) + (5.394)*C(ds)]

M_{tot} = total mass of pollutant in the river (lb/day)

M_{plant} = total mass of pollutant discharged from Outfalls 001 and 003 (lb/day)

M(us) = mass of pollutant flowing past plant (lb/day)

Q_{plant} = flow from outfall 001 (cfs) + flow from Outfall 003 (cfs)

Q(us) = upstream river flow (cfs)

C(ds) = general use water quality standard
boron: 1.0 mg/l

C(us) = upstream river concentration (mg/l)

For the purpose of these calculations, upstream river flows, Q(us), shall be estimated daily by measuring the river flow at the USGS gauging station at Kickapoo State Park, subtracting from that measurement, any concurrent upstream ash pond discharge flow to the river. Effluent boron values, C(e), shall be determined from the analysis of a 24-hour composite sample collected once-weekly of the ash pond discharge. Upstream boron concentrations, C(us), shall be determined by the means of grab samples taken upstream, once per week on the same day that the ash pond outfalls are sampled. If river conditions (such as ice) prohibit sampling, the Permittee may use the long-term average upstream concentration for boron, based upon historical IEPA water quality sampling at the ISWS sampling station at Collision. Quarterly samples shall also be collected instream, by grab sample, for boron, downstream of the plant at the downstream river pump house. Downstream sampling data shall be submitted with the January, April, July, and October Discharge Monitoring Reports. At the time of application for renewal of the permit, the Permittee may request that the composite effluent sampling be changed to grab, subject to Agency review and approval.

In order to comply with the monitoring and reporting requirements of the monthly Discharge Monitoring Reports for Outfalls 001 and 003, the Permittee shall also include a table which will indicate the actual measured daily ash pond discharge flows from each ash pond for the month, the effluent concentrations, the computed downstream river concentrations, the computed maximum allowable daily flows, the computed maximum allowable daily mass loading and the actual mass discharged from each outfall. The weekly measured boron effluent concentration values (upstream and end of pipe) shall also be reported. Supporting calculations which indicate how the maximum allowable daily flows and mass loadings were calculated shall be attached as well.

SPECIAL CONDITION 8. The Agency has determined that the effluent limitations in this permit constitute BAT/BCT for storm water which is treated in the existing treatment facilities for purposes of this permit reissuance, and no pollution prevention plan will be required for such storm water. In addition to the chemical specific monitoring required elsewhere in this permit, the permittee shall conduct an annual inspection of the facility site to identify areas contributing to a storm water discharge associated with industrial activity, and determine whether any facility modifications have occurred which result in previously-treated storm water discharges no longer receiving treatment. If any such discharges are identified the permittee shall request a modification of this permit within 30 days after the inspection. Records of the annual inspection shall be retained by the permittee for the term of this permit and be made available to the Agency on request.

SPECIAL CONDITION 9. For the purposes of this permit discharges to the North Ash Pond, the Makeup Water Reservoir, and the East Ash Pond are limited to stormwater runoff free from any other waste streams. Discharges to Outfalls 001, 002, and 003 are limited to overflows caused by precipitation events, from the North Ash Pond, the Makeup Water Reservoir, and the East Ash Pond, respectively.

Special Conditions

SPECIAL CONDITION 10. The permittee shall continue the groundwater monitoring and assessment in accordance with a plan approved by the Agency to address groundwater issues at this site.

SPECIAL CONDITION 11. If an applicable effluent standard or limitation is promulgated under Sections 301(b)(2)(C) and (D), 304(b)(2), and 307(a)(2) of the Clean Water Act and that effluent standard or limitation is more stringent than any effluent limitation in the permit or controls a pollutant not limited in the NPDES Permit, the Agency shall revise or modify the permit in accordance with the more stringent standard or prohibition and shall so notify the permittee.

SPECIAL CONDITION 12. Flow shall be measured in units of Million Gallons per Day (MGD) and reported as a monthly average and a daily maximum on the monthly Discharge Monitoring Report.

SPECIAL CONDITION 13. For Outfalls 001, 002, and 003, sampling is required only during monitoring periods in which a discharge occurs. If no discharge occurs during a specified monitoring period, "no discharge" shall be reported on the DMR.

SPECIAL CONDITION 14. The Permittee shall monitor the effluent from outfalls 001 and 003 for the following parameters on a semi-annual basis. This Permit may be modified with public notice to establish effluent limitations if appropriate, based on information obtained through sampling. The samples may be taken as a grab sample and the results shall be reported in units of (mg/L) and submitted to the address in special condition 4 in June and December. The parameters to be sampled and the minimum reporting limits to be attained are as follows:

<u>STORET CODE</u>	<u>PARAMETER</u>	<u>Minimum reporting limit</u>
01097	Antimony	0.07 mg/L
01002	Arsenic	0.05 mg/L
01007	Barium	0.5 mg/L
01012	Beryllium	0.005 mg/L
01027	Cadmium	0.001 mg/L
01032	Chromium (hexavalent) (grab not to exceed 24 hours)	0.01 mg/L
01034	Chromium (total)	0.05 mg/L
01042	Copper	0.005 mg/L
00718	Cyanide (weak acid dissociable) (grab)	5.0 ug/L
00720	Cyanide (total) (grab not to exceed 24 hours)	5.0 ug/L
00951	Fluoride	0.1 mg/L
01046	Iron (Dissolved)	0.5 mg/L
01051	Lead	0.05 mg/L
01055	Manganese	0.5 mg/L
71900	Mercury (grab)**	1.0 ng/L*
01067	Nickel	0.005 mg/L
32730	Phenols (grab)	0.005 mg/L
01147	Selenium	0.005 mg/L
01077	Silver (total)	0.003 mg/L
01059	Thallium	0.3 mg/L
01092	Zinc	0.025 mg/L

Unless otherwise indicated, concentrations refer to the total amount of the constituent present in all phases, whether solid, suspended or dissolved, elemental or combined, including all oxidation states.

*1.0 ng/L = 1 part per trillion.

**Utilize USEPA Method 1631E and the digestion procedure described in Section 11.1.1.2 of 1631E.