

**NOTICE OF COVERAGE (NOC)
FOR NON-CONTACT COOLING WATER, COOLING TOWER BLOWDOWN, AND
BOILER BLOWDOWN GENERAL PERMIT, ARG250000**

The process water discharge shall be in accordance with all limitations, monitoring requirements, and other conditions set forth in the Non-contact Cooling Water, Cooling Tower Blowdown, and Boiler Blowdown General Permit, ARG250000. Coverage under this General Permit is issued to:

American Electric Power Services Corporation dba SWEPCO
John W. Turk Power Plant
3711 Hwy 355 South
Fulton, AR 71838

John W. Turk Power Plant located as follows: 3711 Hwy 355 South, Fulton, in Hempstead County, Arkansas.

Discharges under the permit tracking number, ARG250004, shall only occur at the following outfall location:

Outfall 004: Latitude 33° 39' 09" Longitude 93° 48' 48"

Original Coverage Date: 05/19/2009

Renewal Coverage Date: 07/20/2012

Renewal Effective Date: 12/01/2012

Expiration Date: 11/30/2017



Mo Shafii
Assistant Chief, Water Division
Arkansas Department of Environmental Quality
501-682-0616
shafii@adeq.state.ar.us



ARKANSAS
Department of Environmental Quality

July 20, 2012

Paul W. Franklin
John W. Turk Power Plant
3711 Hwy 355 South
Fulton, AR 71838

Re: Non-contact Cooling Water, Cooling Tower Blowdown, and Boiler Blowdown General Permit
John W. Turk Power Plant, (Permit Tracking No. ARG250004, AFIN 29-00506)

Dear Mr. Franklin:

The Renewal Notice of Intent (NOI) package for coverage under the General Permit No. ARG250000, for Non-contact Cooling Water, Cooling Tower Blowdown, and Boiler Blowdown, was received on 6/12/2012. In accordance with Department policy, the NOI has been reviewed and determined to be complete. Enclosed is a copy of the Notice of Coverage (NOC) and General Permit ARG250000. **Coverage under the new general permit will be effective December 1, 2012. Please note that you will be operating under the current permit through November 31, 2012.**

The NOC is for informational use only and if any information provided on the NOC is incorrect please notify the Department immediately so that our records may be corrected.

Please be advised that the permit contains monitoring and reporting requirements. The Department requests that you read and familiarize yourself with the terms and conditions of the enclosed permit. Compliance with all conditions and limitations therein is required. Any permit-related correspondence must include the tracking number and AFIN shown above. Pre-printed Discharge Monitoring Reports (DMRs) will be mailed to you at a later time by the Department.

Thank you for your cooperation in this matter. Please contact the General Permits Section of the Water Division at (501) 682-0623, if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Mo Shafii", is written over a horizontal line.

Mo Shafii
Assistant Chief, Water Division

Enclosures

MS:br

Cc: Electronic Filing (ARG250004)
Eric Fleming, Branch Manager, Field Services Branch
Craig Uyeda, Branch Manager, Enforcement Branch
Jim Purvis, Administrative Analyst, Fiscal Division
David Ramsey, Administrative Analyst, Enforcement Branch
Franklin Mills, flmills@aep.com

Authorization to Discharge under the National Pollutant Discharge
Elimination System and the Arkansas Water and Air Pollution Control Act

In accordance with the provisions of the Arkansas Water and Air Pollution Control Act (Act 472 of 1949, as amended, Ark. Code Ann. 8-4-101 et seq.), and the Clean Water Act (33 U.S.C. § 1251 et seq.), discharges of

Non-contact Cooling Water, Cooling Tower Blowdown, and Boiler Blowdown

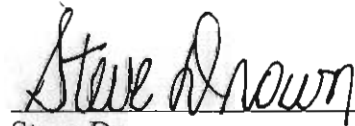
are authorized to discharge to all receiving waters except those receiving streams which are excluded in Section A, paragraph 3 of Part I of the General Permit (GP) in accordance with effluent limitations, monitoring requirements, and other conditions set forth in Parts I and II hereof.

For facilities that are eligible for coverage under a GP, the Department sends a cover letter (Notice of Coverage with tracking permit number which starts with ARG25) and a copy of the permit to the facility. The cover letter includes the Department's determination that a facility is covered under the GP and may specify alternate requirements outlined in the permit such as modified sampling frequencies for certain parameters or the inclusion of monitoring for parameters in addition to those requiring regular monitoring.

Issue Date: November 30, 2007

Effective Date: December 1, 2007

Expiration Date: November 30, 2012



Steve Drown

Chief, Water Division

Arkansas Department of Environmental Quality

PART I PERMIT REQUIREMENTS

SECTION A: COVERAGE UNDER THIS PERMIT

1. **Permit Area:** The area covered by this permit includes all areas within the State of Arkansas.
2. **Eligibility and Authorization**
 - a. This general permit covers permittees that discharge non-contact cooling water, cooling tower blowdown, and boiler blowdown wastewater.
 - b. The water shall not contain hazardous substance or water treatment additives.
 - c. Written Notification of Intent (NOI) shall include at a minimum the name and legal address of the operator; the facility location (street address or legal description); name and telephone number of the facility contact; number and location of outfalls; facility SIC and NACIS; type of Business; name of receiving stream; actual or projected wastewater flow; and Disclosure Form. All notices of intent for coverage under this general permit must be signed and certified in accordance with the provisions of 40 CFR 122.22, as adopted by reference in the Arkansas Pollution Control and Ecology Commission (APCEC) Regulation No. 6.
 - d. A written notice of intent from new dischargers shall be submitted to the Department at least 30 days prior to the proposed discharge.
 - e. A written notice of intent from existing dischargers (Renewal) discharging under this general permit shall be submitted to the Department no later than 90 days after the effective date of the permit.
 - f. Dischargers holding effective individual NPDES permits who elect to be covered by this general permit shall include written request for termination of the individual permits in addition to the information in subparagraph (b) above, as soon as possible but no later than 180 days prior to the expiration of the existing individual NPDES permit. Upon termination of the existing individual NPDES permit by the Director, the permittee will be authorized to discharge under the terms and conditions of this general permit.
 - g. If a treatment system is proposed, the applicant must provide ADEQ with approvable plans and specifications, design calculations, ADEQ Form 1 and must also be in receipt of a construction permit prior to being considered eligible for coverage herein.
 - h. For facilities that are eligible for coverage under a general permit (GP), the Department sends a cover letter (Notice of Coverage with tracking permit number which starts with ARG25) and a copy of the permit to the facility. The cover letter includes the Department's determination that a facility is covered under the GP and may specify alternate requirements outlined in the permit such as modified sampling frequencies for certain parameters or the inclusion of monitoring for parameters in addition to those requiring regular monitoring.

3. Exclusions from the general permit

- a. Applications will be evaluated on a case by case basis to determine if the General Permit is applicable under the following conditions:
 - i. Any facility that discharges to a waterbody listed pursuant to Section 303(d) of the Clean Water Act where the pollutant is present at levels of concern and the requirements of the permit are inadequate to provide sufficient reduction of the listed pollutant.
 - ii. Any facility that discharges to Extraordinary Resource Waters (ERWs), Natural and Scenic Waterways (NSWs), and/or Ecologically Sensitive Waterbody (ESW) as defined in the AWQS, APCEC Regulation No. 2, as amended.
 - iii. Discharges that would adversely affect a listed endangered or threatened species or its critical habitat.
 - iv. Discharges that the Director determines contribute, or may be expected within reason to contribute to a violation of a water quality standard; or to any person who discharges in violation of the AWQS, Regulation No. 2, as amended.
 - v. Facilities not in compliance with a previously issued individual permit and/or in violation of state water quality regulations.
 - vi. Industries with effluent limit guidelines for non-contact cooling water, cooling tower blowdown, and boiler blowdown (listed in 40 CFR 400 through 471).
 - vii. Discharges exceeding 0.5 MGD.
 - viii. Discharges mixed with any other discharge (e.g., storm water.)
 - ix. Any facility covered under a National Pollutant Discharge Elimination System (NPDES) individual permit or other NPDES general permits, and the issuance of this permit would violate the anti-backsliding requirements of 40 C.F.R. 122.44(1).
 - x. Facilities using groundwater containing toxic pollutants as listed in APCEC Regulation No. 2 or hazardous substances.
 - xi. Facilities using additives containing chromium or zinc in any form.
 - xii. Steam Electric generating plants.
- b. This office reserves the right to issue these facilities an individual NPDES permit with more appropriate limitations and conditions.
- c. Any facility excluded from coverage under the above conditions shall apply for an individual

discharge permit unless the activity is regulated under permit requirements of another section of the Federal Clean Water Act.

4. Individual NPDES Permit

The Director of ADEQ may consider the issuance of an individual discharge permit according to the criteria in 40 CFR 122.28(b)(3).

5. Requesting General Permit Coverage

The operator excluded from coverage by this General Permit solely because the facility already has an individual NPDES permit may request that the individual permit be terminated and that the discharge be covered by this General Permit. In order to avoid conflict with the “anti-backsliding” provisions of the Clean Water Act (CWA), a permit transfer will be allowed only if the individual permit does not contain numeric water quality-based limitations for the discharge. (Note that a simple pH range limit would not necessarily have to be considered a water-quality based limit unless developed to address known discharge problems at a particular facility. Compliance with the numeric limitations under the individual permit may also be criteria for eligibility to transfer from an individual NPDES permit to the General Permit.)

6. Notice of Termination

When all discharges associated with activities authorized by this permit are eliminated, the operator of the facility must submit a written Notice of Termination (NOT) that is signed in accordance with the terms of Part II.D.8 of this permit.

7. Timing of Request for Coverage

Requests for Coverage shall be submitted as follows:

- a. Existing dischargers operating under individual NPDES permits who elect to be covered by this General Permit, requests must be submitted no later than 180 days prior to the expiration of the individual NPDES permit;
- b. New discharges (New facility), requests must be submitted 30 days prior to commencement of discharge.
- c. Existing facilities holding this General Permit (ARG250000 Renewal), requests must be submitted as soon as possible but no later than 90 days after the effective date of this general permit.

Part I
PERMIT REQUIREMENTS

SECTION B: EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

The following effluent limitations are applicable for the discharge of non-contact cooling water, cooling tower blowdown, and boiler blowdown wastewater.

Effluent Characteristic	Discharge Limitations		Monitoring Requirements		
	Mass (lbs/day)	Other Units (specify)	Measurement Frequency	Sample Type	
	Monthly Avg	Daily Max	Monthly Avg	Daily Max	
<u>Outfall 001**</u>					
Flow (MGD)*	N/A	N/A	N/A	0.5 MGD	Instantaneous
Chemical Oxygen Demand (COD)	N/A	N/A	50 mg/l	75 mg/l	Grab
Total Suspended Solids (TSS)	N/A	N/A	35 mg/l	53 mg/l	Grab
Oil and Grease (O&G)	N/A	N/A	10 mg/l	15 mg/l	Grab
Temperature***	N/A	N/A	84.2 °F (Instant Max)		Grab
			Minimum	Maximum	
pH	N/A	N/A	6.0 s.u.	9.0 s.u.	Grab
<u>Outfall 002**</u>					
Flow (MGD)*	N/A	N/A	N/A	0.5 MGD	Instantaneous
Chemical Oxygen Demand (COD)	N/A	N/A	50 mg/l	75 mg/l	Grab
Total Suspended Solids (TSS)	N/A	N/A	35 mg/l	53 mg/l	Grab
Oil and Grease (O&G)	N/A	N/A	10 mg/l	15 mg/l	Grab
Temperature***	N/A	N/A	87.8 °F (Instant Max)		Grab
			Minimum	Maximum	
pH	N/A	N/A	6.0 s.u.	9.0 s.u.	Grab
<u>Outfall 003**</u>					
Flow (MGD)*	N/A	N/A	N/A	0.5 MGD	Instantaneous
Chemical Oxygen Demand (COD)	N/A	N/A	50 mg/l	75 mg/l	Grab
Total Suspended Solids (TSS)	N/A	N/A	35 mg/l	53 mg/l	Grab
Oil and Grease (O&G)	N/A	N/A	10 mg/l	15 mg/l	Grab
Temperature***	N/A	N/A	86.0 °F (Instant Max)		Grab
			Minimum	Maximum	
pH	N/A	N/A	6.0 s.u.	9.0 s.u.	Grab

Effluent Characteristic	Discharge Limitations		Monitoring Requirements	
	Mass (lbs/day)		Measurement Frequency	Sample Type
	Monthly Avg	Daily Max	Other Units (specify)	
	Monthly Avg	Daily Max	Monthly Avg	Daily Max
<u>Outfall 004**</u>				
Flow (MGD)*	N/A	N/A	N/A	0.5 MGD
Chemical Oxygen Demand (COD)	N/A	N/A	50 mg/l	75 mg/l
Total Suspended Solids (TSS)	N/A	N/A	35 mg/l	53 mg/l
Oil and Grease (O&G)	N/A	N/A	10 mg/l	15 mg/l
Temperature***	N/A	N/A	89.6 °F (Instant Max)	
			Minimum	Maximum
pH	N/A	N/A	6.0 s.u.	9.0 s.u.
<u>Outfall 005**</u>				
Flow (MGD)*	N/A	N/A	N/A	0.5 MGD
Chemical Oxygen Demand (COD)	N/A	N/A	50 mg/l	75 mg/l
Total Suspended Solids (TSS)	N/A	N/A	35 mg/l	53 mg/l
Oil and Grease (O&G)	N/A	N/A	10 mg/l	15 mg/l
Temperature***	N/A	N/A	68.0 °F (Instant Max)	
			Minimum	Maximum
pH	N/A	N/A	6.0 s.u.	9.0 s.u.

* Report monthly average and daily maximum as MGD.

**Outfall	ECOREGIONS
001	Ozark Highlands
002	Boston Mountains and Arkansas River Valley
003	Ouachita Mountains, Spring-water-Influenced Gulf Coastal, Typical Gulf Coastal, and Least-Altered Delta
004	Channel-Altered Delta, White River (Dam #1 to mouth), St. Francis River, Mississippi River, Arkansas River, Ouachita River (L. Missouri R. to state line)
005	Red River, and Lakes and Reservoirs Trout Waters

***Temperature limits are not applicable to discharge of only boiler blowdown wastewater.

***For all outfalls the discharge shall not cause or contribute to a rise in the temperature of the receiving stream resulting from artificial origin of greater than 5 °F (Downstream – Upstream = 5 °F.)

There shall be no discharge of distinctly visible solids, scum, or foam of a persistent nature, nor there be any formation of slime, bottom deposits, or sludge banks.

Samples taken in compliance with the monitoring requirements specified above shall be taken at the outfall location.

PART II STANDARD CONDITIONS

SECTION A: GENERAL CONDITIONS

1. Duty To Comply

The permittee must comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the Federal Clean Water Act and the Arkansas Water and Air Pollution Control Act and is grounds for enforcement action or for requiring a discharger to apply for an individual NPDES permit. Values in the required monitoring report which are in excess of the effluent limitation specified in Part I shall constitute evidence of violation of such effluent limitation and of this permit.

2. Penalties for Violations of Permit Conditions

The Arkansas Water and Air Pollution Control Act provides that any person who violates any provisions of a permit issued under the Act shall be guilty of a misdemeanor and upon conviction thereof shall be subject to imprisonment for not more than one (1) year, or a fine of not more than twenty-five thousand dollars (\$25,000) or by both such fine and imprisonment for each day of such violation. Any person who violates any provision of a permit issued under the Act may also be subject to civil penalty in such amount as the court shall find appropriate, not to exceed ten thousand dollars (\$10,000) for each day of such violation. The fact that any such violation may constitute a misdemeanor shall not be a bar to the maintenance of such civil action.

3. Permit Actions

This General Permit may be modified, revoked and reissued, or terminated for cause in accordance with the requirements of the National Pollutant Discharge Elimination System (NPDES) Permit Program Regulations at 40 CFR Parts 122 and 124, as adopted by reference in Arkansas Pollution Control & Ecology Commission (APCEC) Regulation No. 6. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.

4. Toxic Pollutants

Notwithstanding Part II.A.3., if any toxic effluent standard or prohibition (including any schedule of compliance specified in such effluent standard or prohibition) is promulgated under APCEC Regulation No. 2, as amended, (regulation establishing water quality standards for surface waters of the State of Arkansas) or Section 307(a) of the Clean Water Act for a toxic pollutant which is present in the discharge and that standard or prohibition is more stringent than any limitations on the pollutant in this permit, this permit shall be modified or revoked and reissued to conform to the toxic effluent standard or prohibition and the permittee so notified.

The permittee shall comply with effluent standards or prohibitions established under Regulation No. 2 (Arkansas Water Quality Standards), as amended, or Section 307(a) of the Clean Water Act for toxic pollutants within the time provided in the regulations that establish those standards or prohibitions, even if the permit has not yet been modified to incorporate the requirement.

5. Civil and Criminal Liability

Except as provided in permit conditions on "Bypassing" (Part II.B.4.a), and "Upsets" (Part II.B.5.b), nothing in this permit shall be construed to relieve the permittee from civil or criminal penalties for noncompliance.

6. Oil and Hazardous Substance Liability

Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties to which the permittee is or may be subject under Section 311 of the Clean Water Act.

7. Property Rights

The issuance of this permit does not convey any property rights of any sort, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

8. Severability

The provisions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.

9. NPDES Point Source Discharges Not Covered by This Permit

Operators of facilities with outfalls not authorized in Part I of this permit and discharging directly into "Waters of the State" shall make application for an individual NPDES permit to authorize outfalls not permitted under the general permit. Such action shall not terminate provisions of this general permit pertaining to the outfalls authorized in Part I. Operators shall notify the Director and request a permit application for other outfalls not permitted or covered under the general permit.

10. Permit Applicability

The permit is applicable only to facilities which are direct discharges into "Waters of the

State" and are subject to the requirements of section 301 and 402 of the Clean Water Act.

SECTION B: OPERATION AND MAINTENANCE OF POLLUTION CONTROLS

1. Proper Operation and Maintenance

The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with the conditions of this permit. Proper operation and maintenance includes adequate laboratory controls and appropriate quality assurance procedures. This provision requires the operation of backup or auxiliary facilities or similar systems which are installed by a permittee only when the operation is necessary to achieve compliance with the conditions of the permit.

2. Need to Halt or Reduce not a Defense

It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. Upon reduction, loss, or failure of the treatment facility, the permittee shall, to the extent necessary to maintain compliance with its permit, control production or discharges or both until the facility is restored or an alternative method of treatment is provided. This requirement applies, for example, when the primary source of power for the treatment facility is reduced, is lost, or alternate power supply fails.

3. Duty to Mitigate

The permittee shall take all reasonable steps to minimize or prevent any discharge in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment, or the water receiving the discharge.

4. Bypass of Treatment Facilities

- a. Bypass not exceeding limitation. The permittee may allow any bypass to occur which does not cause effluent limitations to be exceeded, but only if it is for essential maintenance to assure efficient operation. These bypasses are not subject to the provisions of Part II.B.4.b and c.
- b. Notice
 - i. Anticipated bypass. If the permittee knows in advance of the need for a bypass, it shall submit prior notice, if possible at least ten days before the date of the bypass.

- ii. Unanticipated bypass. The permittee shall submit notice of an unanticipated bypass as required in Part II.D.4 (24-hour notice).
- c. Prohibition of bypass.
 - i. Bypass is prohibited and the Director may take enforcement action against a permittee for bypass, unless:
 - A. Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage;
 - B. There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if the permittee installed adequate backup equipment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance; and
 - C. The permittee submitted notices as required by Part II.B.4.b.
 - ii. The Director may approve an anticipated bypass, after considering its adverse effects, if the Director determines that it will meet the three conditions listed above in Part II.B.4.c.i.

5. Upset Conditions

- a. Effect of an upset. An upset constitutes an affirmative defense to an action brought for noncompliance with such technology based permit effluent limitations if the requirements of Part II.B.5.b of this section are met. No determination made during administrative review of claims that noncompliance was caused by upset, and before an action for noncompliance, is final administrative action subject to judicial review.
- b. Conditions necessary for a demonstration of upset. A permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed, contemporaneous operating logs, or other relevant evidence that:
 - i. An upset occurred and that the permittee can identify the specific cause(s) of the upset;
 - ii. The permitted facility was at the time being properly operated;
 - iii. The permittee submitted notice of the upset as required by Part II.D.4; and
 - iv. The permittee complied with any remedial measures required by Part II.B.3.
- c. Burden of proof. In any enforcement proceeding the permittee seeking to establish the occurrence of an upset has the burden of proof.

6. Removed Substances

Solids, sludges, or other pollutants removed in the course of treatment or control of wastewaters shall be disposed of in a manner such as to prevent pollutants from materials entering the waters of the State. Written approval for such disposal must be obtained from the ADEQ.

7. Power Failure

The permittee is responsible for maintaining adequate safeguards to prevent the discharge of untreated or inadequately treated wastes during electrical power failure either by means of alternate power sources, standby generators, or retention of inadequately treated effluent.

SECTION C: MONITORING AND RECORDS

1. Representative Sampling

Samples and measurements taken as required herein shall be representative of the volume and nature of the monitored discharge. All samples shall be taken before the effluent joins or is diluted by any other waste stream, body of water, or substance. Monitoring points shall not be changed without notification and the approval of the Director.

2. Flow Measurement

Appropriate flow measurement devices and methods consistent with accepted scientific practices shall be selected and used to insure the accuracy and reliability of measurements of the volume of monitored discharges. The devices shall be installed, calibrated and maintained to insure that the accuracy of the measurements are consistent with the accepted capability of that type of device. Devices selected shall be capable of measuring flows with a maximum deviation of less than + 10% from true discharge rates throughout the range of expected discharge volumes.

3. Monitoring Procedures

Monitoring must be conducted according to test procedures approved under 40 CFR Part 136, unless other test procedures have been specified. The permittee shall calibrate and perform maintenance procedures on all monitoring analytical instrumentation at intervals frequent enough to insure accuracy of measurements and shall insure that both calibration and maintenance activities will be conducted. An adequate analytical quality control program, including the analysis of sufficient standards, spikes, and duplicate samples to insure the accuracy of all required analytical results shall be maintained by the permittee or designated commercial laboratory.

4. Penalties for Tampering

The Arkansas Water and Air Pollution Control Act provides that any person who falsifies, tampers with, or knowingly renders inaccurate, any monitoring device or method required to be maintained under the Act shall be guilty of a misdemeanor and upon conviction thereof shall be subject to imprisonment for not more than one (1) year, or a fine of not more than ten thousand dollars (\$10,000) or by both such fine and imprisonment.

5. Monitoring and Reporting

Required monitoring results obtained during each reporting period shall be summarized and reported Monthly on a Discharge Monitoring Report (EPA Form 3320-1). Reports are due on the 25th day of the month following the reporting period. Signed and certified copies of these and all reports required herein, shall be submitted to:

Water Enforcement Branch
Arkansas Department of Environmental Quality
5301 Northshore Dr.
N. Little Rock, AR 72118

6. Additional Monitoring by the Permittee

If the permittee monitors any pollutant more frequently than required by this permit, using test procedures approved under 40 CFR 136 or as specified in this permit, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the summary report. Such increased frequency shall also be indicated in the summary report.

7. Retention of Records

The permittee shall retain records of all monitoring information, including daily logs, all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation and copies of all reports required by this permit and records of all data used to request coverage under this permit for a period of at least 3 years from the date of the sample, measurement, report or application. This period may be extended by request of the Director at any time.

8. Record Contents

Records and monitoring information shall include:

- a. The date, exact place, time and methods of sampling or measurements;
- b. The individuals(s) who performed the sampling or measurements;

- c. The date(s) analyses were performed;
- d. The individual(s) who performed the analyses;
- e. The analytical techniques or methods used; and
- f. The measurements and results of such analyses.

9. Inspection and Entry

The permittee shall allow the Director, or an authorized representative upon the presentation of credentials and other documents as may be required by law to:

- a. Enter upon the permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit;
- b. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
- c. Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit; and
- d. Sample, inspect or monitor at reasonable times for the purposes of assuring permit compliance or as otherwise authorized by the Clean Water Act and/or Arkansas Water and Air Pollution Control Act, any substances or parameters at any location.

SECTION D: REPORTING REQUIREMENTS

1. Anticipated Noncompliance

The permittee shall give advance notice to the Director of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.

2. Transfers

The permit is nontransferable to any person except after notice to the Director.

3. Monitoring Reports

Monitoring results shall be reported at the intervals and in the form specified at Part II.C.5.

4. Twenty-four Hour Reporting

The permittee shall report any noncompliance which may endanger health or the environment. Any information shall be provided orally within 24 hours from the time the permittee becomes aware of the circumstances. A supplemental written submission shall be provided within 5 days of the time the permittee becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrences of the noncompliance. The Director may waive the written report on a case-by-case basis if the oral report has been received within 24 hours.

The following shall be included as information which must be reported within 24 hours:

- a. Any unanticipated bypass which exceeds any effluent limitation in the permit;
- b. Any upset which exceeds any effluent limitation in the permit.

5. Other Noncompliance

The permittee shall report all instances of noncompliance not reported under Part II.D.3 and 4 at the time monitoring reports are submitted. The reports shall contain the information listed at Part II.D.4.

6. Changes in Discharge of Toxic Substances for Industrial Discharges

The permittee shall notify the Director as soon as he/she knows or has reason to believe:

- a. That any activity has occurred or will occur which would result in the discharge, in a routine or frequent basis, of any toxic pollutant which is not limited in the permit, if that discharge will exceed the highest of the "notification levels" described in 40 CFR 122.42(a)(1) {48 FR 14153, April 1, 1983, as amended at 49 FR 38046, September 26, 1984}.
- b. That any activity has occurred or will occur which would result in any discharge, on a non-routine or infrequent basis, of a toxic pollutant which is not limited in the permit, if that discharge will exceed the highest of the "notification levels" described in 40 CFR Part 122.42(a)(2) {48 &FR\& 14153, April 1, 1983, as amended at 49 FR 38046, September 26, 1984}.

7. Duty to Provide Information

The permittee shall furnish to the Director, within a reasonable time, any information which

the Director may request to determine whether cause exists for modifying, revoking and reissuing or terminating this permit or to determine compliance with this permit. The permittee shall also furnish to the Director, upon request, copies of records required to be kept by this permit.

8. Signatory Requirements

All reports or information submitted pursuant to the requirements of this permit must be signed and certified by a ranking official or duly authorized agent of the permittee in accordance with 40 CFR 122.22, as adopted by reference in Arkansas Pollution Control and Ecology Commission (APCEC) Regulation No. 6.

9. Availability of Reports

Except for data determined to be confidential under 40 CFR Part 2 and APCEC Regulation No. 6, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the offices of the Department of Environmental Quality. As required by the Regulations, the name and address of any permit applicant or permittee, permit applications, permits and effluent data shall not be considered confidential.

10. Penalties for Falsification of Reports

The Arkansas Water and Air Pollution Control Act provides that any person who knowingly makes any false statement, representation, or certification in any application, record, report, plan or other document filed or required to be maintained under this permit shall be subject to civil and/or criminal penalties specified in Part II.A.2.

SECTION E: OTHER CONDITIONS

1. Any sludge generated from the treatment process shall be stored and/or disposed of in a manner approved by this Department.
2. Monitoring shall be conducted according to analytical, apparatus and materials, sample collection, preservation, handling, etc., procedures listed at latest 40 CFR Part 136.
3. Noncompliance reporting for upsets and bypasses shall be made within 24 hours to ADEQ followed by a written report in five days. Violations of daily maximum limitations for pollutants listed below will also be reported 24 hours followed by a written report in five days. Violations of daily maximum limitations for all other pollutants identified elsewhere in this permit shall be reported in writing within five days.

4. Best Management Practices

- a. Spills shall be cleaned up expeditiously and not allowed to enter the waste treatment system or outfall(s).
- b. Where activities ancillary to the primary business of the facility are performed on site, they shall be performed in a manner to prevent pollutants from entering the waste treatment system or outfall(s).

c. Cooling Water and Boiler Water Additives

The permittee shall notify the Director in writing not later than sixty (60) days prior to instituting the use of any biocide corrosion inhibitor or chemical additive in a cooling or boiler system that was not identified in the application for this permit. Such notification shall include:

- i. Name and general composition of biocide or chemical.
 - ii. 96-Hour median tolerance limit data for organisms' representative of the biota of the waterway into which the discharge will ultimately reach.
 - iii. Quantities to be used.
 - iv. Frequency of use.
 - v. Proposed discharge concentrations.
 - vi. EPA registration number, if applicable.
- d. The use of a biocide or additive containing tributyl tin oxide, zinc, chromium or related compounds is prohibited in a cooling or boiler system(s) from which a discharge regulated by this permit occurs. The additives shall be free of 126 priority pollutants and shall meet State Water Quality Standards or Best Professional Judgment-based total residual chlorine or free available chlorine. Unidentified, unapproved and/or unlisted, additives, in both the application and the General Permit shall not be used prior to a determination by the Department that permit modification to control discharge of the additive is not required, or prior to issuance of a permit modification controlling discharge of the additive.

SECTION F: DEFINITIONS

All definitions contained in Section 502 of the Clean Water Act shall apply to this permit and are incorporated herein by reference. Additional definitions of words or phrases used in this permit are as follows:

- 1. "Act" means the Clean Water Act, Public Law 95-217 (33 U.S.C. 1251 et seq.) as amended.
- 2. "Administrator" means the Administrator of the U.S. Environmental Protection Agency.
- 3. "APCEC" means the Arkansas Pollution Control and Ecology Commission.

4. "Applicable effluent standards and limitations" means all State and Federal effluent standards and limitations to which a discharge is subject under the Act, including, but not limited to, effluent limitations, standards of performance, toxic effluent standards and prohibitions, and pretreatment standards.
5. "Applicable water quality standards" means all water quality standards to which a discharge is subject under the federal Clean Water Act and which have been (a) approved or permitted to remain in effect by the Administrator following submission to the Administrator pursuant to Section 303(a) of the Act, or (b) promulgated by the Director pursuant to Section 303(b) or 303(c) of the Act, and standards promulgated under APCEC Regulation No. 2, as amended, (regulation establishing water quality standards for surface waters of the State of Arkansas).
6. "Blow down" means the minimum discharge of recirculating water for the purpose of discharging materials contained in the water, the further build up of which would cause concentration in amount exceeding limits established by best engineering practices.
7. "Bypass" means the intentional diversion of waste streams from any portion of a treatment facility.
8. "Daily Discharge" means the discharge of a pollutant measured during a calendar day or any 24-hour period that reasonably represents the calendar day for purposes of sampling. For pollutants with limitations expressed in terms of mass, the "daily discharge" is calculated as the total mass of the pollutant discharged over the sampling day. For pollutants with limitations expressed in other units of measurement, the "daily discharge" is calculated as the average measurement of the pollutant over the sampling day. "Daily discharge" determination of concentration made using a composite sample shall be the concentration of the composite sample. When grab samples are used, the "daily discharge" determination of concentration shall be the arithmetic average (weighted by flow value) of all the samples collected during that sampling day.
9. "Daily Maximum" discharge limitation means the highest allowable "daily discharge" during the calendar month.
10. "Department" means the Arkansas Department of Environmental Quality (ADEQ).
11. "Director" means the Administrator of the U.S. Environmental Protection Agency and/or the Director of the Arkansas Department of Environmental Quality.
12. "Grab sample" means an individual sample collected in less than 15 minutes in conjunction with an instantaneous flow measurement.
13. "Industrial User" means a nondomestic discharger, as identified in 40 CFR 403, introducing pollutants to a publicly-owned treatment works.
14. "Monthly Average" discharge limitations means the highest allowable average of "daily discharge" over a calendar month, calculated as the sum of all "daily discharges" measured during a calendar month divided by the number of "daily discharges" measured during that month.
15. "National Pollutant Discharge Elimination System (NPDES)" means the national program for issuing, modifying, revoking and reissuing, terminating, monitoring and enforcing permits, and imposing and enforcing pretreatment requirements, under Section 307, 402, 318 and 405 of the Clean Water Act.
16. "Non-Contact cooling water" means the water used to reduce temperature that does not come

into contact with any raw material, intermediate product, waste product (other than heat), or finished product. Non-contact cooling water does not include any process waters or other type of wastewaters, nor is it exposed to anything but the inside of the pipe. Non-contact cooling water should be reasonably free from contaminants like metals, ammonia, organics, and total dissolved solids so that Arkansas's water quality standards are not violated.

17. "Process wastewater" is water that comes into direct contact with or results from the production or use of any new material, intermediate product, finished product, waste product, or wastewater.
18. "Severe property damage" means substantial physical damage to property, damage to the treatment facilities which causes them to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in productions.
19. "Treatment works" means any devices and systems used in the storage, treatment, recycling, and reclamation of municipal sewage and industrial wastes of a liquid nature to implement section 201 of the Act, or necessary to recycle or reuse water at the most economic cost over the estimated life of the works, including intercepting sewers, sewage collection systems, pumping, power and other equipment, and their appurtenances, extensions, improvement, remodeling, additions, and alterations thereof, elements essential to provide a reliable recycled supply such as standby treatment units and clear well facilities, and any works, including site acquisition of the land that will be an integral part of the treatment process or is used for ultimate disposal of residues resulting from such treatment.
20. "Upset" means an exceptional incident in which there is unintentional and temporary noncompliance with technology-based permit effluent limitations because of factors beyond the reasonable control of the permittee. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, lack of preventive maintenance, or careless or improper operations.
21. "3-hour composite sample" consists of three effluent portions collected no closer together than one hour (with the first portion collected no earlier than 10:00 a.m.) and composited according to flow.
22. "6-hour composite sample" consists of six effluent portions collected no closer together than one hour (with the first portion collected no earlier than 10:00 a.m.) and composited according to flow.
23. "12-hour composite sample" consists of 12 effluent portions collected no closer together than one hour and composited according to flow.
24. "7-day Average", other than for fecal coliform bacteria, is the arithmetic mean of the values for all effluent samples collected during the calendar week. The 7-day average for fecal coliform bacteria is the geometric means of the values for all effluent samples collected during the calendar week. The DMR should report the highest 7-day average obtained during the calendar month.

25. "30-day Average", other than for fecal coliform bacteria, is the arithmetic mean of the values for all effluent samples collected during the calendar month. The 30-day average for fecal coliform bacteria is the geometric mean of the values for all effluent samples collected during a calendar month.

FACT SHEET

For issuance of the new General Permit for discharge of Non-Contact Cooling Water, Cooling Tower Blowdown, And Boiler Blowdown , Permit Number ARG250000

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1. **BACKGROUND**

The General Permits (GP) are designed to cover a class of facilities or industries that are similar in nature. When a GP is issued, all facilities meeting its requirements are covered by the GP. For facilities that are eligible for coverage under a GP, the Department sends a cover letter (Notice of Coverage) and a copy of the permit to the facility. The cover letter includes the Department's determination that a facility is covered under the GP and may specify alternate requirements outlined in the permit such as modified sampling frequencies for certain parameters or the inclusion of monitoring for parameters in addition to those requiring regular monitoring. The State of Arkansas has been authorized by the U.S. Environmental Protection Agency to administer the National Pollutant Discharge Elimination System (NPDES) Program in Arkansas, including the issuance of General Permits to categories of dischargers under the provisions of 40 CFR 122.28, as adopted by reference in ADPCE Regulation No. 6. Under this authority, the Arkansas Department Environmental Quality (ADEQ) may issue a single General Permit to a category of point sources located within the same geographic area where discharges warrant similar pollution control measures. Specifically, ADEQ is authorized to issue a general NPDES permit if there are a number of point sources operating in a geographic area that:

- involve the same or substantially similar types of operations;
- discharge the same types of wastes;
- require the same effluent limitations or operating conditions;
- require the same or similar monitoring requirements; and

- in the opinion of the Director, are more appropriately controlled under a General Permit than under individual permits.

Violation of any General Permit condition constitutes a violation of the Arkansas Water and Air Pollution Control Act (Act 472 of 1949, as amended) and subjects the discharger to the penalties specified therein. Upon promulgation of the final General Permit for this type discharge, operators considered qualified for coverage under this General Permit must submit a written Notice of Intent (NOI) to the Director for coverage under the General Permit. Unless otherwise notified in writing by the Director within 30 days after submission of the above notification, operators are authorized to discharge under this General Permit. This General Permit does not apply to dischargers with current (i.e. not expired) individual NPDES permits until the individual permit is terminated in accordance with 40 CFR 122.28(b)(2)(v) and 124.5. Any operator authorized by a final General Permit may be excluded from coverage by applying for an individual NPDES permit.

2. LEGAL BASIS

Section 301(a) of the Clean Water Act (CWA or the Act), 33 U.S.C. Section 1311(a), makes it unlawful to discharge pollutants to waters of the United States in the absence of authorizing permits. CWA section 402, 33 U.S.C. Section 1342, authorizes EPA to issue National Discharge Elimination System (NPDES) permits allowing discharges on condition they will meet certain requirements, including CWA sections 301, 304, and 401 (33 U.S.C. Sections 1331, 1314 and 1341). Those statutory provisions state that NPDES permits must include effluent limitations requiring authorized discharges to: (1) meet standards reflecting levels of technological capability; (2) comply with EPA-approved state water quality standards and (3) comply with other state requirements adopted under authority retained by states under CWA 510, 33 U.S.C. 1370.

The Agency may issue "General Permits" applicable to a class of similar dischargers within a discreet geographical area. See *NRDC v. Costle*, 568 F.2d 1369 (D.C. Cir. 1977) and 40 CFR 122.28. Issuance of such permits is not controlled by the procedural rules EPA uses for individual permits, but is instead subject to section 4 of the Administrative Procedure Act (APA), 5 U.S.C. 553, as supplemented by EPA regulations; e.g., 40 CFR 124.58. EPA must, however, comply with the substantive requirements of the CWA without regard to whether it is issuing an individual or general NPDES permit.

National guidelines establishing BPT, BCT and BAT standards have not been promulgated for discharges of non-contact cooling water, cooling tower blowdown, and boiler blowdown. The BCT and BAT requirements for these discharges have, therefore, been established using best professional judgement, as required by CWA section 402(a)(1).

3. PERMIT COVERAGE

The facilities covered by this General Permit discharge non-contact cooling water, cooling tower blowdown, and boiler blowdown. If a treatment system is proposed the applicant must provide ADEQ with approvable plans and specifications and be in receipt of an individual construction permit prior to being considered eligible for coverage herein.

When a GP is issued, all facilities meeting its requirements are covered by the GP. For facilities that are eligible for coverage under a GP, the Department sends a cover letter (Notice of Coverage) and a copy of the permit to the facility. The cover letter includes the Department's determination that a facility is covered under the GP and may specify alternate requirements outlined in the permit such as modified sampling frequencies for certain parameters or the inclusion of monitoring for parameters in addition to those requiring regular monitoring.

4. NOTICE OF INTENT (NOI) TO BE COVERED

Any person to be permitted to discharge under this General Permit shall submit a Notice of Intent to be covered by this General Permit at least 30 days prior to the date of desired coverage. No discharge authorized under this General Permit may commence until the discharge receives the Director's acknowledgment of the Notice of Intent and approval of the coverage of the discharge by this General Permit.

5. Individual Permits

The Director of ADEQ may consider the issuance of individual permits according to the criteria in 40 CFR 122.28(b)(3).

6. BEST CONVENTIONAL POLLUTANT CONTROL TECHNOLOGY (BCT) and BEST AVAILABLE TECHNOLOGY ECONOMICALLY ACHIEVABLE (BAT)

Two types of technology-based effluent limitations must be included in this General Permit. With regard to conventional pollutants, i.e., pH, BOD, oil and grease, TSS and fecal coliform, CWA section 301 (b)(1)(E) requires effluent limitations based on "best conventional pollution control technology" (BCT). With regard to nonconventional and toxic pollutants, CWA section 301(b)(2)(A), (C), and (D) require effluent limitations based on "best available pollution control technology economically achievable" (BAT), a standard which generally represents the best performing existing technology in an industrial category or subcategory. BAT and BCT effluent limitations may never be less stringent than corresponding effluent limitations based on best practicable control technology (BPT), a standard applicable to similar discharges prior to March 31, 1989 under CWA 301(b)(1)(A). Frequently, EPA adopts nationally applicable guidelines identifying the BPT, BCT, and BAT standards to which specific industrial categories and subcategories are subject. Until such guidelines are published, however, CWA section 402(a)(1) requires that EPA determine appropriate BCT and BAT effluent limitations in its NPDES permitting actions on the basis of its best professional judgment. Since national guidelines for technology limits have not been established for non-contact cooling water, cooling tower blowdown and boiler blowdown, limits have been established using either water quality limits or

BPJ limits as required by CWA Section 402(a)(1). Conventional pollutants that might be discharged with non-contact cooling water, cooling tower blowdown, and boiler blowdown are TSS, Oil and Grease, and pH. The non-conventional pollutants limited in the permit are COD and Temperature.

7. WATER QUALITY REQUIREMENTS

Accordance with 40 CFR 122.44(d) the Permit is required to include any requirements necessary to achieve State Water Quality Standards as established under Section 303 of the Clean Water Act. Discussed below is the requirements based on State Water Quality Standards.

EPA is required under 40 CFR 122.44(d) to include any more stringent limits established under State law or regulations in accordance with section 301(b)(1)(C) of the Act.

8. PERMIT LIMITATIONS AND MONITORING BASIS

The wastewater from non-contact cooling water, cooling tower blowdown, and boiler blowdown wastewater may contain a variety of pollutants. Final effluent limitations in this General Permit were established using Best Engineering Judgment pursuant to 40 CFR 125.3, and are consistent with the requirements of 40 CFR 122.44(d) and APCEC Regulation No. 2. Limitations have been placed on the following pollutants when present in discharges from non-contact cooling water, cooling tower blowdown, and boiler blowdown wastewater:

Pollutants	Effluent Limitations	
	Monthly Avg	Daily Max
Flow	N/A	0.5 MGD
Chemical Oxygen Demand (COD)	50 mg/l	75 mg/l
Total Suspended Solids (TSS)	35 mg/l	53 mg/l
Oil and Grease (O&G)	10 mg/l	15 mg/l
Temperature (Instantaneous Maximum)		
	<u>Ecoregions</u>	<u>°F</u>
	Ozark Highlands	84.2
	Boston Mountains	87.8
	Arkansas River Valley	87.8
	Ouachita Mountains	86.0
	Springwater-Influenced Gulf Coastal	86.0
	Typical Gulf Coastal	86.0
	Least-Altered Delta	86.0
	Channel-Altered Delta	89.6
	White River (Dam #1 to mouth)	89.6
	St. Francis River	89.6
	Mississippi River	89.6
	Arkansas River	89.6
	Ouachita River (L. Missouri R. to state line)	89.6
	<u>Ecoregions (cont.)</u>	<u>°F</u>
	Red River	89.6

	Lakes and Reservoirs	89.6
	Trout Waters	68.0
pH	must be maintained between 6.0-9.0 S.U. at all times.	

COD and TSS

The technology-based limits for COD and TSS have been based on Best Engineering Judgment of Permit Writer and Arkansas individual NPDES Permit for similar type of discharges. The technology-based limits are judged to represent the level of treatment attainable through the application of the best conventional pollutant control technology (BCT) and best available technology economically achievable (BAT).

Oil and Grease (O&G)

The water quality-based limits for O&G have been based on the Arkansas Water Quality Standards (AWQS), APCEC Regulation No. 2, Chapter 5, Reg. 2.510 and are judged to represent the level of treatment attainable through the application of the best conventional pollutant control technology (BCT).

pH

The water quality-based limits for pH have been based on the Arkansas Water Quality Standards (AWQS), APCEC Regulation No. 2, Chapter 5, Reg. 2.504 and are judged to represent the level of treatment attainable through the application of the best conventional pollutant control technology (BCT).

Temperature

The water quality-based limits for temperature have been based on the Arkansas Water Quality Standards (AWQS), APCEC Regulation No. 2, Chapter 5, Reg. 2.502 and are judged to represent the level of treatment attainable through the application of the available technology economically achievable (BAT).

Ecoregion

To determine which outfall (Ecoregion) applies to your discharge see plates and tables in Appendix A of APCEC Regulation No. 2

Monitoring

The monitoring requirements for all pollutants except flow have been set at grab samples taken twice/month. The monitoring requirements for flow have been set at instantaneous sample taken twice/week.

9. **OTHER CONDITIONS**

a. Geographic Area and Covered Facilities

The General Permit, when issued, will authorize discharges of non-contact cooling water, cooling tower blowdown, and boiler blowdown to receiving waters throughout the State of Arkansas. The permit will be applicable only to facilities which have direct discharges to Waters of the State as defined in 40 CFR 122.2 and are therefore subject to the requirements of Sections 301 and 402 of the Clean Water Act.

b. Eligibility and Authorization

Operators of facilities discharging non-contact cooling water, cooling tower blowdown, and boiler blowdown in the State of Arkansas must give notice of intent to discharge under the General Permit, and shall submit the following information to the Director:

1. name and legal address of the owner or operator;
2. facility location(street address or legal description);
3. name and telephone number of facility contact;
4. number and type of outfall, including a brief narrative description of each;
5. actual or projected wastewater flow in MGD;
6. name of receiving stream;
7. construction permit number;
8. statement that treatment system was constructed in accordance with plans and specifications approved by the Department; and
9. if the operator is a corporation, include a statement that the corporation is registered with the office of the Secretary of State of Arkansas.

All Notices of Intent for coverage under this General Permit must be signed and certified in accordance with the provisions of 40 CFR 122.22, as adopted by reference in ADPCE Regulation No. 6.

c. Timing of Request

Requests for Coverage shall be submitted as follows:

1. for existing dischargers operating under individual NPDES permits as soon as possible but no later than 180 days prior to expiration of the existing individual permit.
2. for new dischargers, 30 days prior to commencement of discharge within the permit area.
3. for existing dischargers operating under this general NPDES permits as soon as possible but no later than 90 days after the effective date of this permit.

d. Expiration Date

The General Permit will expire 5 years from the effective date of the permit.

e. Standard Conditions

The conditions applicable to all NPDES permits under the provisions of 40 CFR 122.41 have been included in this General Permit, as appropriate.

10. **MONITORING AND REPORTING REQUIREMENTS**

Permittees are required to report on a monthly basis. Reports must list the results of sampling and analysis on a Discharge Monitoring Report (EPA Form 3320-1). Reports are required to be submitted by the 25th day of the month following the reporting period. The first report will be due at the end of the reporting period following the date this General Permit becomes applicable to the permittee. Oral 24-hour reporting is required for any by-pass or upset or any noncompliance which may endanger health or the environment. Unless specifically waived by the Director, written reports must be provided within 5 days of the above occurrences.



ARKANSAS
Department of Environmental Quality

Instruction for Notice of Intent (NOI)

NPDES GENERAL PERMIT ARG250000

Non-contact Cooling Water, Cooling Tower Blowdown, and Boiler blow down

The form can be used by all persons desiring coverage under NPDES general permit ARG250000 (for Non-contact cooling water, cooling tower blowdown, and boiler blowdown). The form should be completed and submitted to NPDES Section of the Water Division no later than thirty (30) days prior to the date coverage is desired.

In accordance with the Arkansas Pollution Control and Ecology Commission (APCEC) Regulation No. 9, a permit fee of \$200 must accompany this Notice of Intent at the time of submission. Failure to remit the required fee may be grounds for the Director to deny coverage under this general permit and require the owner or operator to apply for an individual permit.

Be sure to read the information regarding Permit No. ARG250000 on the Department's web site at www.adeq.state.ar.us. It describes what constitutes coverage under this permit, effluent requirements, discharge limitations, and other standard conditions that are applicable to this permit.

To determine which outfall applies to your discharge either see plates and tables in Appendix A of APCEC Regulation No. 2 at the following web site for eco-region. The outfall number is related to the eco-region.

Outfall number may be obtained from page 2 of ARG250000 permit on the Department's web site at www.adeq.state.ar.us.

Hydrologic Basin Code information may be obtained from the Department's web site at www.adeq.state.ar.us.

Standard Industrial Classification (SIC) Code and the North America Classification Industrial Code (NACIS) may be obtained from <http://www.census.gov/epcd/www/naicstab.htm>.

This Notice of Intent must be signed by a person authorized under the provisions of state and federal law, and who should be familiar with the provisions of 40 CFR 122.22 pertaining to signatory authority. Be sure to read the Certification.

If you have any questions concerning the ARG250000 permit information or Notice of Intent, please contact the NPDES Branch of the Water Division at (501) 682-0623.

REMEMBER THE FOLLOWING:

1. The Notice of Intent must be complete. Do not leave any question blank; use "NA" if a question is not applicable.
2. A \$200.00 check or money order must accompany the Notice of Intent at the time of submission.
3. A map showing the location of the discharge points must be attached
4. Read the Certification.
5. MSDS Sheets for Additives

Arkansas Department of Environmental Quality
NPDES Branch, Water Division
5301 Northshore Dr.
North Little Rock, AR 72118
(501) 682-0623

NOTICE OF INTENT
Non-contact cooling water, cooling tower blow down, and boiler blow down wastewater
GENERAL PERMIT ARG250000

AFIN # _____

Tracking Number ARG2500

Please check: RENEWAL ☐ NEW ☐ MODIFICATION ☐

1. Legal Name of Applicant:	1. Name of Facility:
2. Applicant Legal Address:	2. Facility Physical Location:
3. Applicant City, State, Zip:	3. Facility City, State, Zip:
4. Applicant Telephone Number:	4. Facility Telephone Number:
5. Applicant Type (check one): <input type="checkbox"/> State <input type="checkbox"/> Federal <input type="checkbox"/> Sole Proprietorship <input type="checkbox"/> Partnership <input type="checkbox"/> Corporation* *State of Incorporation _____	5. Facility Contact Person, Telephone and Email:
6. DMR and Invoice Address Name:	7. Facility Mailing Name:
ATTN: _____	ATTN: _____
Address: _____	Address: _____
City: _____	City: _____
State: _____ Zip: _____	State: _____ Zip: _____
8. Operator Name:	9. Cognizant Official:
Address: _____	Cognizant Title: _____
City: _____	Cognizant Telephone: _____
State: _____ Zip: _____	11. Facility SIC Codes: (a) _____ (b) _____ NAICS Code: _____
10. Facility Latitude: _____ ° _____ ' _____ " Longitude: _____ ° _____ ' _____ " Accuracy: _____ Method: _____ Datum: _____ Scale: _____ Description: _____	12. Additional Facility Location: (a) Section: _____ Township: _____ Range: _____ (b) County: _____ (c) Hydrologic Basin Code: _____
OUTFALL INFORMATION	
1. Outfall Number:	2. Outfall Number:
(a) Description of Outfall Location:	(a) Description of Outfall Location:
(b) Stream Segment:	(b) Stream Segment:
(c) Hydrologic Basin Code:	(c) Hydrologic Basin Code:
(d) Outfall Latitude: _____ ° _____ ' _____ " Longitude: _____ ° _____ ' _____ " Accuracy: _____ Method: _____ Datum: _____ Scale: _____ Description: _____	(d) Outfall Latitude: _____ ° _____ ' _____ " Longitude: _____ ° _____ ' _____ " Accuracy: _____ Method: _____ Datum: _____ Scale: _____ Description: _____
(e) Section: _____ Township: _____ Range: _____	(e) Section: _____ Township: _____ Range: _____
(f) County: _____	(f) County: _____

3. Flow (actual or projected): _____ MGD	4. Site Map Attached: <input type="checkbox"/> Yes <input type="checkbox"/> No																																					
5. Name of Receiving Stream: _____																																						
6. Facility has Individual NPDES Permit: (check one) YES <input type="checkbox"/> NO <input type="checkbox"/>																																						
Permit Number: _____ (If YES, the owner or operator or individual named in this Notice of Intent specifically requests termination of the NPDES Permit listed herein upon the effective date of coverage under this general permit.)																																						
7. Applicant has previously submitted, or has on file with this Department, a complete Disclosure Form as required by Act 454 of 1991: (Check one) YES <input type="checkbox"/> NO <input type="checkbox"/> If YES, date submitted: _____ Division: _____ If NO, Submit a Disclosure Form. Please note that municipalities are not required to submit a Disclosure Form.																																						
Effluent Characteristics: A. Existing Source- Provide measurements for the parameters listed in the table below. B. New Discharges- Provide estimates for the parameters listed in the table below.																																						
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Type</th> <th colspan="5">Analyses</th> <th rowspan="2">Additives * Yes/No</th> </tr> <tr> <th>Flow, MGD</th> <th>COD, mg/l</th> <th>TSS, mg/l</th> <th>Temperature, ° F</th> <th>O & G, mg/l</th> <th>pH, s.u.</th> </tr> </thead> <tbody> <tr> <td>Non-Contact Cooling Water</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Cooling Tower Blowdown</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Boiler Blowdown</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>* Enclose MSDS Sheets for Additives *</p>		Type	Analyses					Additives * Yes/No	Flow, MGD	COD, mg/l	TSS, mg/l	Temperature, ° F	O & G, mg/l	pH, s.u.	Non-Contact Cooling Water								Cooling Tower Blowdown								Boiler Blowdown							
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CERTIFICATION <p>"I certify that, if this facility is a corporation, it is registered with the Secretary of the State of Arkansas."</p> <p>"I certify that the cognizant official designated in this Application is qualified to act as a duly authorized representative under the provisions of 40 CFR 122.22(b). If no cognizant official has been designated, I understand that the Department will accept reports signed only by the Applicant. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."</p>																																						
Typed or Printed Name:	Title:																																					
Signature:	Date:																																					