



Entergy Services, LLC
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Louise Duncan, Vice President
Power Plant Operations – EAL

AR-26-001

January 26, 2026

Ms. Jessica Sears, Managing Engineer
Arkansas Department of Energy and Environment
Office of Water Quality, Permits Section
5301 Northshore Drive
North Little Rock, AR 72118

Reference: Cooling Water Intake Structure
Annual Report and Certification Statement
Entergy Arkansas, LLC – Union Power Station – AR0049140, AFIN 70-00543

Dear Ms. Sears,

Part II, Other Conditions, (Number 18) **Cooling Water Intake Structure (CWIS) Annual Certification Statement and Report** of Entergy Union Power Station's NPDES Permit states the following requirements:

In accordance with 40 C.F.R. § 125.97(c), an annual certification statement and report must be submitted to the Division (NPDES Permits Branch) each year by the anniversary date of the effective date of the permit. The certification statement and report must be signed by the Responsible Official for the permit.

- A. *The report must include a summary of any changes in operation of the facility that materially impact UCWCB's cooling water withdrawals for the facility or operation of the permittee's cooling system. In addition, any revisions to the information provided in the permit renewal application and required in 40 C.F.R. § 122.21(r) must be submitted with the next permit renewal application.*
- B. *If the information contained in the previous year's annual certification statement and report is still pertinent, a letter stating such, signed by the Responsible Official for the permit, may be submitted to the Division, along with any applicable data. The letter will meet the requirements of this part for an annual certification statement and report.*

Summary of Modifications and Changes:

The NPDES permit application for renewal of NPDES Permit AR0049140 was prepared and submitted in May of 2021. The application contained the required information concerning the cooling water intake structure on the Ouachita River owned and operated by the Union County Water Conservation Board (UCWCB). In addition to the intake structure, UCWCB owns and operates a water treatment facility which provides clarified water to several large industrial customers including the Union Power Station. This information was used by ADE to write the existing permit and include appropriate CWIS requirements. The permit was issued with an effective date of February 1, 2023.

This letter report has been prepared to meet the requirements of the NPDES Permit as summarized above. While there have been no modifications to the operation of the cooling water system, the closed-cycle cooling tower on Unit 1 was rebuilt in the Spring of 2025 to replace the internal media and modernize the equipment. Since the cooling tower was rebuilt to the original specifications, the updates resulted in no required increases in the Unit 1 cooling water needs. Therefore, the Union Power Station did not experience any modifications or changes that materially impacted the UCWCB's cooling water withdrawals. There are no revisions to the information in 40 CFR 122.21(r).

If any changes take place to the cooling water system at the Union Power Station within the next reporting year, they will be included in the next appropriate annual report and certification submittal. If changes occur to the information in 40 CFR 122.21(r), they will be submitted with the next permit renewal application as required by the existing permit.

A signed certification statement has been included as Attachment 1 to this letter report.

If you have any questions concerning this information or if additional information is required, please contact Kim Fuller, Arkansas Environmental Manager, at (501) 529-3633 or by email at kfuller1@entergy.com.

Respectfully Submitted,



Louise Duncan (Jan 26, 2026 17:58:21 CST)

Louise Duncan, Vice President
Power Plant Operations – EAL

LD:kaf

cc: Dusty McGehee – Union Power Station (via email)



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ATTACHMENT 1

Certification Statement:

I certify under penalty of law that this document and all attachments were prepared under my direct 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 who manage the system, or those 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.

A handwritten signature in black ink, appearing to read 'Louise Duncan', positioned above a horizontal line.

Louise Duncan (Jan 26, 2026 17:58:21 CST)

Louise Duncan
VP, Power Plant Operations – EAL

01/26/2026

Date