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RETURN RECIEPT REQUESTED

October 9, 2014

Arkansas Department of Environmental Quality
NPDES Enforcement Section
5301 Northshore Drive
North Little Rock, AR 72118-5317

RE: Discharge Monitoring Report
Magnet Cove Generating Station
Permit Number AR0049611

To Whom It May Concern:

Attached, please find the Monthly Discharge Monitoring Reports listed in the table below:

Discharge Number	Monitoring Period (year, month, day)
AR0049611 – 01A A	2014 / 09 / 01 – 2014 / 09 / 30
AR0049611 – 001 A	2014 / 09 / 01 – 2014 / 09 / 30
AR0049611 – 01B A	2014 / 09 / 01 – 2014 / 09 / 30

Attached, please find the Quarterly Discharge Monitoring Reports listed in the table below:

Discharge Number	Semi-Annual Period (year, month, day)
TX1 Q	Next Semi-Annual Due December 2014

If you have any questions, please feel free to contact me at 501-467-3232 ext 104, or Rob Smith at 501-467-3232 ext 102.

Sincerely,

John M. Morgan
Assistant Plant Manager

JM: jmm

Cc: File 8.5.12 – 2014

Direct Line: 501-467-3232 ext 104
Direct Fax: 501-467-3233
Email: john.morgan@aecc.com

**Non-Compliance Report for September 2014 DMR
Magnet Cove Generating Station
NPDES Permit No. AR0049611
AFIN: 30-00337**

Attached to September 2014 Discharge Monitoring Report

Arkansas Electric Cooperative Corporation (AECC) is required to sample Outfall 001 – the low volume wastewater and cooling tower blowdown – for pH once per month. The result of the sample taken on September 7th was 9.80 s.u. which is above the maximum value of 9.0 s.u. listed in the current permit.

Even though it is a monthly requirement, plant staff takes weekly pH samples for Outfall 001, when discharging. The monthly average of pH for Outfall 001 for September was 8.05 which is below the maximum value listed in the permit.

When the high pH sample was taken, plant operators were notified immediately and the cause was determined to be a leak from the caustic tank. All flow to Outfall 001 was stopped immediately.

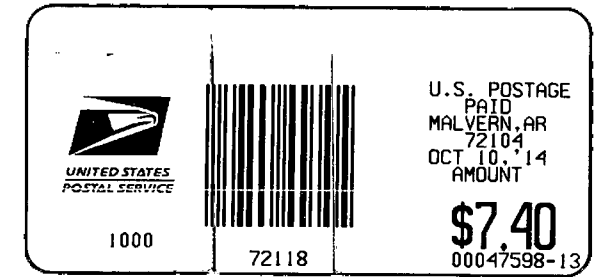
The normal procedure for collecting outfall samples, when the plant is not operating, is to use the reverse osmosis (RO) in a clean rinse cycle. The clean rinse cycle ran for 1.8 hours. Even with securing flow from the RO and the oily water separator, there was a delay in stopping the flow out of the outfall chamber. Based on calculations approximately 6,000 gallons of water was discharged at the elevated pH level.

The caustic tank has since been emptied and taken out of service. The tank will be replaced with a smaller poly tote (or similar replacement).

The cause of the high pH has been corrected and replacing the leaking tank with the poly tote will prevent future high pH discharges.

For questions and comments, please contact Stephen Cain at 501-570-2420.

Magnet Cove Generating Station
410 Henderson Road
Malvern, AR 72104



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