



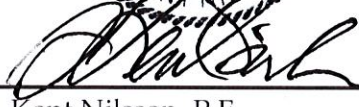
## Existing Liner Design Evaluation for Water Recycle Ponds

Entergy Arkansas, Inc.  
Independence Steam Electric Station  
Newark, Independence County, Arkansas

October 2018

*Prepared For  
Entergy Arkansas, Inc.*



  
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10/24/18

  
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Project Manager

*TRC Environmental Corporation | Entergy Arkansas, Inc.  
Existing Liner Design Evaluation for Water Recycle Ponds  
Entergy Independence Steam Electric Station,  
Newark, Independence County, Arkansas*

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# Section 1

## Existing Liner Conditions

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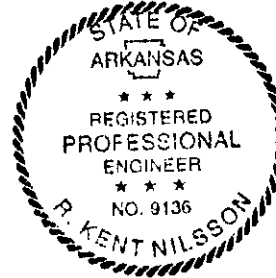
Entergy Arkansas, Inc. (Entergy) operates the Entergy Independence Steam Electric Station (Plant), located at 555 Point Ferry Road, Newark, AR 72562. This Plant operates two Water Recycle Ponds: East and West (Ponds), as part of its process water system for bottom ash transport. Pursuant to United States Environmental Protection Agency (USEPA) Disposal of Coal Combustion Residuals (CCR) From Electric Utilities Final Rule (CCR Rule) Section 40 CFR § 257.71, TRC has reviewed design drawings for the construction of the ponds to evaluate whether the constructed liner system meets the requirements for existing ponds.

The existing Ponds do not contain the liner system required by 40 CFR § 257.71; therefore, the ponds are considered unlined and are subject to the requirements of 40 CFR § 257.101(a).

# Section 2 Certification

I, the undersigned Arkansas Professional Engineer, hereby certify that I am familiar with the technical requirements of 40 CFR § 257.71. I also certify that it is my professional opinion that, to the best of my knowledge, information, and belief, that this evaluation is accurate and that the existing liner design presented in the design and as-built documents does not meet the technical requirements of 40 CFR § 257.71.

For the purpose of this document, "certify" and "certification" shall be interpreted and construed to be a "statement of professional opinion". The certification is understood and intended to be an expression of my professional opinion as an Arkansas Licensed Professional Engineer, based upon knowledge, information, and belief. The statement(s) of professional opinion are not and shall not be interpreted or construed to be a guarantee or a warranty.



R. Kent Nilsson

9136

Printed Name of Professional Engineer

State of Arkansas License Number

A handwritten signature in black ink, appearing to read "R. Kent Nilsson".

10/24/18

Signature of Professional Engineer

Date