



Tennessee Valley Authority, 1101 Market Street, BR4A, Chattanooga, Tennessee 37402

Electronic Transmittal

July 27, 2017

Mr. Vojin Janjić
Manager, Water-Based Systems
Division of Water Resources
Tennessee Department of Environment
and Conservation
William R. Snodgrass TN Tower
312 Rosa L. Parks Avenue, 11th Floor
Nashville, Tennessee 37243

Dear Mr. Janjić:

TENNESSEE VALLEY AUTHORITY (TVA) – WATTS BAR NUCLEAR PLANT (WBN) – NPDES
PERMIT NO. TN0020168 – SECTION 316(B) COMPLIANCE STUDY REPORTS

In accordance with Part III.H. of the subject permit, TVA is herein submitting for review the following information required under 40 CFR §122.21 paragraphs:

- (r)(2) Source water physical data and (r)(3) cooling water intake structure data, and applicable provisions of the paragraphs below:
- (r)(4) Source water baseline biological characterization data.
- (r)(5) Cooling water system data
- (r)(6) Method of compliance with impingement mortality standards
- (r)(7) Existing entrainment performance studies
- (r)(8) Operational status

TVA will be preparing a request for TDEC's consideration to waive the information requirements of § 122.21(r)(9) through (13). The waiver request, to be submitted to TDEC in August 2017, will be based on the information submitted herein focusing on existing cooling system flow reductions at WBN and other relevant factors.

If you have questions or need additional information, please contact me by email at techeek@tva.gov or by phone at (423) 751-2201.

Sincerely,

Terry E. Cheek
Senior Manager
Water Permits, Compliance, and Monitoring

Enclosures

DD3D
NRR

Mr. Vojin Janjić

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cc (Enclosures - Electronic Distribution):

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