

## NRR-DMPSPeM Resource

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**From:** Ruben Crosslin <Ruben.Crosslin@tn.gov>  
**Sent:** Tuesday, March 12, 2019 7:41 AM  
**To:** Lee, Samson  
**Cc:** Debra Shults; Anthony Hogan; Hon, Andrew  
**Subject:** [External\_Sender] RE: State Consultation: Request for Comments on License Amendments to modify Sequoyah Nuclear Plant essential raw cooling water motor control center breakers and to revise the Updated Final Safety Analysis Report (SQN-TS-17-04) (EPID:...

State of Tennessee (Division of Radiological Health comment): **We strongly prefer the mechanical interlock system over the administrative control upon installation of the new feeder breakers, though we are not opposed to the concept of administrative controls.**

Our comment is based on our understanding of the following:

- The new breakers upon installation are not compatible with the existing interlock system.
- In the event that the administrative controls are not effective, TVA's contention is that "The effects of circulating currents are minimized in this case, due to the high impedance of the connection and similarity/symmetry of the circuit design".

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**From:** Lee, Samson [mailto:Samson.Lee@nrc.gov]  
**Sent:** Thursday, March 07, 2019 1:30 PM  
**To:** Ruben Crosslin  
**Cc:** Debra Shults; Anthony Hogan; Hon, Andrew  
**Subject:** State Consultation: Request for Comments on License Amendments to modify Sequoyah Nuclear Plant essential raw cooling water motor control center breakers and to revise the Updated Final Safety Analysis Report (SQN-TS-17-04) (EPID: L-2018-LLA-0060)

Dear Mr. Crosslin,

The NRC is finalizing the subject license amendments for Sequoyah Nuclear Plant (SQN), Units 1 and 2. In accordance with Title 10 of the Code of Federal Regulations, Section 50.91(b), we are notifying you of the proposed issuance of these amendments. SQN has implemented a design change to remove the existing mechanical (Kirk Key) interlocking scheme from the feeder breakers and tie breakers for Essential Raw Cooling Water (ERCW) Motor Control Centers (MCCs) 1A-A and 2A-A. The amendments approve TVA to complete the implementation of the design change to remove the mechanical interlock device from the feeder breakers and tie breakers from the ERCW MCCs 1B-B and 2B-B and to revise the ERCW System Description in Section 9.2.2.2 of the SQN Updated Final Safety Analysis Report (UFSAR) to describe the normal and alternate power sources for the ERCW system.

The amendment request was published in the Federal Register on June 5, 2018 (83 FR 26107). No public comments were received.

Please let us know, if you have any comments on behalf of the State of Tennessee for the above amendments. Please contact me if you have any questions.

Regards,  
Sam Lee, Project Manager

Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation  
301-415-3168

**Hearing Identifier:** NRR\_DMPS  
**Email Number:** 854

**Mail Envelope Properties** (SN6PR09MB31657F423607D72855B3B261E5490)

**Subject:** [External\_Sender] RE: State Consultation: Request for Comments on License Amendments to modify Sequoyah Nuclear Plant essential raw cooling water motor control center breakers and to revise the Updated Final Safety Analysis Report (SQN-TS-17-04) (EPID:...

**Sent Date:** 3/12/2019 7:40:31 AM

**Received Date:** 3/12/2019 7:40:37 AM

**From:** Ruben Crosslin

**Created By:** Ruben.Crosslin@tn.gov

**Recipients:**

"Debra Shults" <Debra.Shults@tn.gov>

Tracking Status: None

"Anthony Hogan" <Anthony.Hogan@tn.gov>

Tracking Status: None

"Hon, Andrew" <Andrew.Hon@nrc.gov>

Tracking Status: None

"Lee, Samson" <Samson.Lee@nrc.gov>

Tracking Status: None

**Post Office:** SN6PR09MB3165.namprd09.prod.outlook.com

<b>Files</b>	<b>Size</b>	<b>Date &amp; Time</b>
MESSAGE	2395	3/12/2019 7:40:37 AM

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**Expiration Date:**

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