

**From:** [Krepel, Scott](#)  
**To:** [Wrona, David](#)  
**Cc:** [Hon, Andy](#); [Forsaty, Fred](#); [DSS AA Distribution](#)  
**Subject:** SNSB Safety Evaluation for Harris LAR to Revise Reactor Protection System TS (EPID: L-2021-LLA-0149)  
**Date:** Wednesday, March 23, 2022 1:40:41 PM  
**Attachments:** [Harris Safety Evaluation -Harris Safety Evaluation -EPID L-2021-LLA-0149 - Revise TS Related to Reactor Protection System .docx](#)

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Dave,

By application to the U.S. Nuclear Regulatory Commission (NRC) dated August March 6, 2021 (ADAMS Accession No. ML21218A197), Duke Energy (Licensee) proposed changes to the Technical Specifications (TSs) for Shearon Harris Nuclear Power Plant, Unit 1 (HNP), Specifically, the proposed amendment would revise TS 3.3.1, "Reactor Trip System Instrumentation," to adjust the reactor trip on turbine trip interlock from P-7 (Low Power Reactor Trips Block) to P-8 (Power Range Neutron Flux). In addition, changes to TS Bases 3.3.1 are required to reflect enabling the reactor trip on turbine trip at the P-8 interlock versus the P-7 interlock. These changes will be made in accordance with the HNP Technical Specifications Bases Control Program.

The SNSB staff reviewed the proposed change and determined that it is acceptable. The safety evaluation provides the basis for the SNSB staff determination, and is attached. I have reviewed the safety evaluation and found that it contains sound regulatory and technical bases. The SNSB staff provided me concurrence on the safety evaluation and this e-mail constitutes my concurrence on the safety evaluation.

In accordance with U.S. Nuclear Regulatory Commission policy, the SNSB staff did not identify any sensitive information contained in the safety evaluation attached.

Docket No.: 50-400

Contact: Fred M Forsaty, NRR/DSS/SNSB  
301-415-8523

*Scott Krepel*

SNSB Branch Chief  
OWFN 10-E06  
423-331-0893 (text message)

