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10 CFR 50, Appendix E.VI.3.a

Serial: HNP-16-093

ATTN: Document Control Desk  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

Shearon Harris Nuclear Power Plant, Unit 1  
Docket No. 50-400/Renewed License No. NPF-63

Subject: 30-Day Notice of Software Changes to the Emergency Response Data System (ERDS)

In accordance with 10 CFR 50, Appendix E.VI.3.a, Duke Energy, LLC, is submitting this 30-day post-implementation notice for software changes made to transmitted data points in the Shearon Harris Nuclear Power Plant (HNP), Unit 1 Emergency Response Data System (ERDS) Data Point Library.

HNP implemented License Amendment No. 151 on September 22, 2016. The Amendment revised Technical Specification Table 2.2-1, Reactor Trip System Instrumentation Trip Setpoints, to reduce the Pressurizer Water Level - High Trip Setpoint from  $\geq 92\%$  to  $\geq 87\%$ . This change has been applied to the corresponding ERDS point LRC9459 Average Pressurizer Level.

Specific changes to point LRC9459 in the ERDS Data Point Library include:

1. The Alarm/Trip High Setpoint changed to 87% from the previous 92%.
2. The ERDS Quality Code 6 (High Alarm) is now applied for values  $\geq 87\%$ , rather than  $\geq 92\%$ .

This submittal contains no regulatory commitments. Please refer any questions regarding this submittal to John Caves, Manager, Regulatory Affairs, at (919) 362-2406.

Sincerely,

Sean O'Connor

cc: M. Riches, NRC Resident Inspector, HNP  
M. Barillas, NRC Project Manager, HNP  
C. Haney, NRC Regional Administrator, Region II



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Specific changes to point LRC9459 in the ERDS Data Point Library include:

1. The Alarm/Trip High Setpoint changed to 87% from the previous 92%.
2. The ERDS Quality Code 6 (High Alarm) is now applied for values  $\geq 87\%$ , rather than  $\geq 92\%$ .

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