

**CURTISS -
WRIGHT**

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☒ Urgent ☐ Please Reply

Fax To: *NRC Operations Center*
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Fax: *(301)-816-5151*
Number Pages: *2 (including cover)*
cc:

Date Sent: *7/25/2022*
From: *Chris Cavan*
Company: *Curtiss-Wright*
Phone: *(256) 624-7301*



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File Number (H22-6438)

July 25, 2022

To whom it may concern:

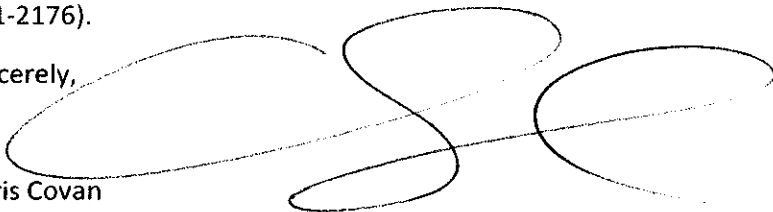
In pursuance of compliance to Federal Regulation 10CFR21, this letter is issued to provide a follow up interim notification issued June 24, 2022 of the potential defect in a configuration of the 1 1/2 Inch Quick Disconnect Connector (P/N: 913602-111) cable assemblies supplied to Duke under procurement documented 30129014. The potential deviation was discovered on April 24, 2022, where during the post installation testing, it was found that one of the cables wires were shorted to ground. After further research on this condition, we have determined there was a defect that was provided to this utility. The nature of the defect is a bushing supplied with these cable assemblies. This bushing was found to have burr edges near the interface of the connector. This burr, when moved up and down the wires during the installation process, has the potential to cause damage. This damage could compromise the integrating of the dielectric characteristic of the supplied connector which could lead to the component not to perform its intended safety function.

Based on history, where we have never had an issue of this defect being detected either by Curtiss-Wright or Duke Energy, Curtiss-Wright is confident that this is a recent issue and efforts/research are being done to bound this issue to determine the extent of condition. Due to the nature of the damage, we also have a high degree of confidence that the defect would be evident and caught during the pre/post installation testing/inspection of this device which would further prevent them from being installed in the plants.

All configuration that utilize this defective component were supplied to Duke Energy and installed in the McGuire, Oconee and Catawba operating plants. As of this time, we have identified 11 cables which have this defect and we are working closely with Duke to determine the full extent of condition. These 11 cables have been returned to Curtiss-Wright. Further evaluation will require a projected addition 30 days to continue our evaluation with the help of the utility. Another follow up letter will be issued to the NRC on August 26, 2022.

For additional information, please contact Jim Tumlinson, Director of Operations (256-425-8037), Christopher Covan, Quality Assurance Manager (256-624-7301), or Tim Franchuk Director of Quality (513-201-2176).

Sincerely,



Chris Covan
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