



To: Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, DC 20555
Fax Number (301)816-5151

10CFR Part 21 Initial Notification: P21-003032023-IN

Subject: Defect identified in Automatic Transfer Switch PN: NLI-ATS480A400X1

Pursuant to 10CFR 21.21 (d)(3)(i), Paragon Energy Solutions, LLC is providing initial notification of the identification of a defect potentially associated with a substantial safety hazard.

Condition to be evaluated:

The subject Automatic Transfer Switches contain Mar-Bal bus insulators PN: 1100-A1 (item #10 on drawing 071-351029663-BM-1). Based on Paragon testing performed, the insulators may have developed stress cracking due to over tightening of required mounting hardware during the assembly process which was not detected by inspection at Paragon. Stress cracks in the insulators could degrade the structural integrity of the automatic transfer switch to withstand seismic conditions which could potentially cause a substantial safety hazard.

Only one customer is affected by this issue (Talen Energy-Susquehanna PO# 00659843 Rev 4 / Paragon Project 351029663).

Serial numbers of the potentially effected units (QTY 4): 351029663-1 through 351029663-4

It is recommended the licensee inspect the insulators for the supplied automatic transfer switches for stress cracking and contact Paragon for any needed assistance to resolve any deficiencies identified.

Date of Discovery: 1/29/2023

Date of Part 21 Reportability Determined: 3/2/2023

Formal notification will be submitted on or before 3/31/2023.

Please contact me with any questions or comments.

Regards,

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