

From: [Richard Knott](#)
To: [Hoc, HOO X](#)
Cc: [Daniel Dale](#); [Joe Garguilo](#); [Jim Hootman](#); [Ross Lorberbaum](#)
Subject: [External_Sender] Interim Report Regarding a Potential Defect with Schneider Electric Medium Voltage VR Type Circuit Breaker Part Number V5D4133Y000
Date: Tuesday, April 16, 2024 11:28:55 PM
Attachments: [Interim Report P21-04152024-INT.pdf](#)

Good Evening,

Please see attached Interim Report provided per 10CFR Part 21 section 21.21(a)(2).

Please let me know if there are any questions regarding this submittal.

Best Regards,
Richard

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4/16/2024

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

10CFR Part 21 Interim Notification: P21-04162024-INT

Subject: Interim Report Regarding a Potential Defect with Schneider Electric Medium Voltage VR Type Circuit Breaker Part Number V5D4133Y000.

Pursuant to 10CFR 21.21 (a)(2), Paragon Energy Solutions, LLC is providing this interim notification of ongoing analysis for Part 21 reportability of a potential defect with the subject circuit breaker part number V5D4133Y000.

Potential Affected Plants:

Plant	Customer PO#	Line #	CatID/Item #	QTY
Duke-Oconee	156762	001	881325	8

Note: Paragon is currently evaluating the extent of condition as it pertains to other plants and equipment that may utilize the same or similar circuit breakers.

Condition being evaluated:

On February 15th, 2024, Paragon completed initial documentation of a potential defect with the subject circuit breaker in which Duke-Oconee had identified failure to close on demand or delayed operation to close with extended application of the remote closing signal. Since the primary safety function of the circuit breaker is to close and maintain continuity of power to downstream loads, failure to close could potentially contribute to a substantial safety hazard.

This is the first reported instance of this failure mode, and Paragon suspects the issue to be related to aging of the circuit breaker's lubrication. Paragon requires more time to complete our testing and analysis to confirm the failure mode and determine reportability.

Date when evaluation is expected to be complete: 5/03/2023.

Regards,

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