



September 11, 2026

U.S. Nuclear Regulatory Commission

Washington, DC 20555-0001

Subject: Notification of deviation per 10 C.F.R. § 21.21(d)(4) regarding a defect in K Line K-600 Circuit breaker.

Dear Sir or Madam:

ABB Inc. submits this written notification under 10 C.F.R. § 21.21(d)(4) regarding a defect in nine K-Line K-600 circuit breakers supplied to NextEra Energy Seabrook Station.

Individual informing the Commission. Percy Isaac, Interim Plant Manager, ABB Inc., Electrification Service, 2300 Mechanicsville Road, Florence, South Carolina 29501.

Basic component and affected facility. The affected basic components are nine K-Line K-600 circuit breakers, identified by serial number in the enclosure, supplied to NextEra Energy Seabrook Station listed below.

Supplier. ABB Inc., Electrification Service, 2300 Mechanicsville Road, Florence, South Carolina 29501, manufactured and supplied the affected circuit breakers.

Nature of the defect and safety hazard. On July 9th, 2026, ABB Florence was notified by NextEra Energy of a defect discovered during incoming inspection prior installation of a K-Line K-600 Circuit Breaker. A cotter pin was found missing from the breaker paddle.

ABB's engineering evaluation confirmed that the missing cotter pin could compromise the breaker's ability to perform its intended safety function. This condition meets the reporting requirements under 10 CFR Part 21.

ABB has completed a thorough investigation to determine if this issue affects other circuit breakers or customers. Our findings confirm that this condition is isolated to nine (9) breakers pertaining to a single order of 30 pieces. No other orders or customers have been affected.

To resolve this issue, and in accordance with customer instructions, ABB will provide replacement cotter pins (Part Number 53113D04) for installation on the affected circuit breakers. In addition, ABB will provide instructions to install these cotter pins.

ABB will witness the installation of these cotter pins on customer site to verify that:

1. The cotter pins have been properly installed in the affected breakers.
2. Appropriate inspections and/or functional testing were successfully completed following installation.
3. The breakers were verified acceptable prior to being placed into service.



As a preventive action ABB added Quality checkpoints during production and final inspection to confirm the installation of the cotter pins.

If you have any question regarding this notice, please contact ABB at us-florence-warrantysupport@abb.com or 843-413-4721

Yours sincerely,

Percy Isaac

Interim Plant Manager

ABB ELSE, 2300 Mechanicsville, Florence SC, 29501

List of Breakers Subject to this notification

Customer Name	S/N (1VAFRA17238-)	CID	UTC #	Model
NextEra Energy	025L25	1664434-1	1369030	K600
NextEra Energy	029L25	1664436-1	1369048	K600
NextEra Energy	003D25	1664438-1	1366013	K600
NextEra Energy	005D25	1680633-1	1366014	K600
NextEra Energy	006D25	1680633-1	1367952	K600
NextEra Energy	018F25	12810520-1	1367955	K600
NextEra Energy	009D25	12815514-1	1367958	K600
NextEra Energy	004D25	12815514-1	1366011	K600
NextEra Energy	001D25	12815527-1	1367964	K600