November 18, 2026
ATTN: Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

Subject: Supplemental Information Pursuant to 10 CFR 21.21(d)(4) – Additional Deviation Identified During Extent-of-Condition Review Associated with the August 13, 2026, Part 21 Notification (Relay Baking Process) – Process Specification F61A Varnish Application, Class 1E Electromechanical Relays SSCT, SSTV, and COM5

Dear Sir or Madam:

The notifying individual is Mr. Percy Isaac, Interim Plant Manager, ABB Inc., 2300 Mechanicsville Rd., Florence, SC 29501.

As part of the corrective actions and extent-of-condition review initiated following ABB's August 13, 2026, Part 21 notification concerning the omission of a required relay baking process, ABB identified an additional manufacturing-process deviation involving certain Class 1E electromechanical relays.

Specifically, ABB identified a deviation associated with **Process Specification F61A**, which requires the application of **varnish 32101FK** to specific transformers utilized in the manufacture of **SSCT, SSTV, and COM5 Class 1E relays.**

This condition was not identified through a customer complaint, product performance issue, or separate failure event. Rather, it was identified during ABB's comprehensive review of manufacturing requirements, Bills of Material, process specifications, and production records conducted as part of the corrective-action program associated with the previously reported baking-process deviation. ABB obtained the information on which this notification is based on September 14, 2026

Following identification of the relay baking-process issue previously reported under Part 21, ABB initiated a comprehensive review of manufacturing requirements applicable to safety-related electromechanical relays produced at the Florence facility. This review included historical Bills of Material, process specifications, production records, and implementation controls associated with relay manufacturing operations.

During this review, ABB identified several relay configurations whose Bills of Material referenced **Process Specification F61A**, which requires application of **varnish 32101FK** to transformers with material numbers **1451C91G01, 1451C91G02, and 1451C91G09** used in SSTV, SSCT, and COM5 relays.

Subsequent reviews of manufacturing records, material inventories, and procurement documentation, together with interviews of current and former production personnel, did not identify evidence demonstrating that varnish 32101FK had been used at the Florence facility. Additionally, ABB was unable to identify historical purchasing records, inventory transactions, work instructions, or production documentation verifying implementation of Process Specification F61A.

Based on the absence of physical evidence, documented records, and personnel knowledge regarding the process, ABB could not identify objective evidence demonstrating that the varnish application required by Process Specification F61A had been performed on the affected products.

ABB reviewed historical production records and identified **twelve (12) relays** that may have been manufactured under this condition and supplied to **four (4) customers**. The affected relays were shipped from ABB Florence, SC between May 15, 2020, and September 14, 2026.

The affected relays are listed below:

Sales Order	PO Number	QTY	Customer	Relay Material Number	Transformer Material number	Material Description
VEP20270	4500782010	1	Westinghouse Electric Co	1321D79A01	1451C91G01	SSVT CLASS 1E
ECA0165	00745053	2	SUSQUEHANNA NUCLEAR LLC	1321D79A01	1451C91G01	SSVT CLASS 1E
RUF1395	61087842	2	Entergy Louisiana LLC	1326D81A07	1451C91G09	COM5 CLASS 1E
VEP24831	4500892575	1	Westinghouse Electric Co	1321D79A02	1451C91G02	SSCT CLASS 1E
VEP25583	4500912948	1	Westinghouse Electric Co	1321D79A15	1451C91G01	SSVT CLASS 1E
PCB5146	4501331354	3	PSEG NUCLEAR	1321D79A18	1451C91G01	SSVT CLASS 1E
RUF2576	62365262	2	Entergy Louisiana LLC	1326D81A07	1451C91G09	COM5 CLASS 1E

Based on the information available, ABB has determined that this condition represents an additional manufacturing-process deviation identified through the extent-of-condition review associated with the August 13, 2026, Part 21 notification.

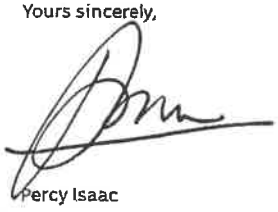
ABB does not possess sufficient application-specific design-basis or service-condition information to determine whether this deviation could create a substantial safety hazard in each affected installation. Therefore, ABB is providing this information to affected customers for evaluation against their specific plant licensing and design-basis requirements. Accordingly, pursuant to 10 CFR 21.21(b), ABB is informing the affected purchasers and licensees of this deviation so that they may perform the evaluation required under 10 CFR 21.21(a) for their specific applications. ABB has provided, or will provide by November 20th, 2026, this information to each affected purchaser listed below.

ABB recommends that each affected purchaser or licensee evaluate this deviation with respect to the relay's installed application and applicable design basis. Each purchaser or licensee remains responsible for determining whether the deviation constitutes a defect and for any reporting obligations that apply to it under 10 CFR Part 21 or other NRC requirements. Purchasers or licensees requiring additional information, or that determine the deviation affects their design basis, should contact ABB at **us-else_casequeue@abb.com** to determine appropriate corrective actions for the affected relay(s).

ABB has expanded the corrective-action program initiated following August 13, 2026, Part 21 notification to address this additional deviation. In addition to the actions previously implemented for manufacturing-process compliance, ABB is taking the following actions to support implementation, verification, and traceability of Process Specification F61A. The ABB Florence team is responsible for these actions, which are scheduled for completion by **December 16, 2026:**

- Provide training to personnel responsible for transformer coating operations to reinforce compliance with manufacturing process specifications and reporting requirements for process deviations.
- Establish documented verification records to confirm completion of varnish application requirements for all applicable relay configurations.
- Update process control documentation to improve traceability and retention of manufacturing verification records.

Yours sincerely,



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