

TE Connectivity
1396 Charlotte Hwy
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April 23, 2024

Attn: Document Control Desk
U.S. Nuclear Regulatory Commission (NRC)
Washington, D.C. 20555-0001
Fax: (301) 816-5151

Subject: TE Connectivity – Part 21 Transfer of Information

Dear Madam or Sir,

The intent of this letter is to provide the Nuclear Regulatory Commission (NRC) the required written notification of shipments of a non-compliant material in accordance with 10 CFR 21.21(d)(4).

On March 14th, 2024, it was noticed there was a discrepancy between the coils for E7000 series relays and how the parts were identified. The coils were identified as “Commercial only”. Looking into the Certification of Conformance (CofC), it was noted the CofC listed the nuclear-approved epoxy components. TE’s supplier confirmed non-compliant material was used in the potting of the coils.

There have been no reported failures for the identified impacted products. However, out of an abundance of caution, TE will notify customers of the issue and recall all impacted products to replace the coil, retest, and recertify the relays.

Attachment 1 contains the complete E7000 series shipment history from 02/2023 to 03/2024.

Customers receiving recall notifications shall return affected relays for rework and recertification. Based on implemented corrective actions and activities, no additional actions are necessary at this time.

If you have any questions related to this issue, the evaluation, and/or the corrective actions, please contact me at the number listed above.

Sincerely,

A handwritten signature in black ink, appearing to read 'Stephen Edge', with a long horizontal flourish extending to the right.

Stephen Edge
Quality Manager

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Attachment 1: Customer Exhibit

Shipped To	Customer PO	Sales Order	TE Part Number	Prod Description	Delivery #	Batch #	Quantity	Shipped
TVA/Browns Ferry Nuclear Plant	3532-7155220	3074187133	1-1423169-2	E7012PE004	6085459556	0227270435	4	3/2/2023
Curtiss-Wright Nuclear - Division QualTech NP	CP00019093	3074602118	1423171-7	E7022PD004	6085568129	0227272614	2	3/7/2023
Exelon Generation Co - Quad Cities	1336757	3073341765	1423171-2	E7022PA004	6085356386	0227270425	4	2/28/2023
Dominion Virginia Power - North Anna	4500730220	3073836440	1-1423169-4	E7012PELL004	6085530398	0227272612	2	3/6/2023
Curtiss-Wright Nuclear - Division QualTech NP	CP00019013	3074409682	1423169-6	E7012PB004	6085847880	0227272611	2	3/22/2023
Duke Energy Progress/PGN	3137129	3074152075	1-1423169-2	E7012PE004	6085459542	0227272609	2	3/2/2023
Entergy Operations Inc - Arkansas Nuclear One	10656518 Rev 001	3073931600	1-1423169-2	E7012PE004	6085421701	0227270431	2	3/2/2023
Talen Energy Supply LLC - Susquehanna Nuclear	00681829	3073734001	1423171-8	E7022PE004	6085332934	0227270422	2	2/27/2023
Exelon Business Serv Co - Peach Bottom	001398599	3073757023	1-1423169-0	E7012PD004	6085332933	0227270421	2	2/27/2023

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Attachment 2: Transfer of information per 10 CFR 21.21(4)

(i) Name and address of the individual or individuals informing the Commission.

**Stephen Edge, Interim Quality Manager, TE Connectivity, Aerospace Defense and Marine Division
1396 Charlotte Hwy, Fairview, NC USA 28730**

(ii) Identification of the facility, the activity, or the basic component supplied for such facility or such activity within the United States which fails to comply or contains a defect.

TE Connectivity sold the safety-related products for specified and unspecified applications. See Attachment 1.

(iii) Identification of the firm constructing the facility or supplying the basic component which fails to comply or contains a defect.

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(iv) Nature of the defect or failure to comply and the safety hazard which is created or could be created by such defect or failure to comply.

Potting material within the coils of the relays contains unqualified components.

(v) The date on which the information of such defect or failure to comply was obtained.

TE initially found the non-compliance on March 14th, 2024.

(vi) In the case of a basic component which contains a defect or fails to comply, the number and location of these components in use at, supplied for, being supplied for, or may be supplied for, manufactured, or being manufactured for one or more facilities or activities subject to the regulations in this part.

Customers that purchased affected safety-related products from TE Connectivity are identified in Attachment 1.

(vii) The corrective action which has been, is being, or will be taken; the name of the individual or organization responsible for the action; and the length of time that has been or will be taken to complete the action.

Based on implemented corrective actions and activities, no additional actions are necessary at this time.

(viii) Any advice related to the defect or failure to comply about the facility, activity, or basic component that has been, is being, or will be given to purchasers or licensees.

Based on the evaluation, this issue is expected to have a very low potential to produce a significant safety concerns. However, TE Connectivity has insufficient information to perform

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an evaluation for unspecified applications. Therefore, customers having received the recall notification should return affected relays to TE for coil replacement.