

From: [Hover, Margie](#)
To: [Hoc, HOO X](#)
Cc: [Hover, Margie](#)
Subject: [External_Sender] Curtiss-Wright Transmittal DT2522854 (PO# N/A): Response required [#CCNNPNAG#]
Date: Friday, July 25, 2025 9:47:44 AM
Attachments: [NAMCO Limit Switches PN EA700-80926_MJP_7-25-25.pdf](#)

Workflow Notification


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 Nuclear Division 4600 East Tech Drive, Cincinnati, OH 45245 T: 513.528.7900 F: 513.528.4537	DOCUMENT TRANSMITTAL Number DT2522854	Contract N/A Customer/Vendor Purchase Order Number N/A		
Originated By Hover, Margie	Originated Date 7/25/2025	Project NAMCO Limit Switches		
Name	Company	Email		
Headquarters Operation Officer	U.S. Nuclear Regulatory Commission	hoo.hoc@nrc.gov		
Document Number	Rev	Document Type	Qty	For...
NAMCO Limit Switches PN: EA700-80926, Date Code 0425	N/A	Other	1	Final Record
Remarks				
If additional information is needed regarding this InterimNotification, please contact. MARK PAPKE Curtiss-Wright Nuclear DivisionQuality Assurance Manager(513) 201-2118,		ACKNOWLEDGMENT: Please confirm receipt of the referenced documentation by replying "YES" to the email you		

mpapke@curtisswright.com		received. The referenced documentation will default to a status of UNCONTROLLED if your "YES" reply is not received within 30 days.
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July 25, 2025

U.S Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D.C. 20555-0001

Subject: Interim Notification Report for Potential Part 21

Dear Sir or Madam:

This letter is being provided as an interim notification on a failure of two Curtiss Wright (CW) supplied NAMCO Limit Switches PN: EA700-80926, Date Code: 0425.

On 5/21/25 Xcel Energy notified Curtiss-Wright about the failure of two NAMCO Limit Switches provided under CW project CJ21087 (Tag number CJ2108701 S/N: 01 and S/N: 04) which were dedicated by CW and shipped 2/28/2025 to Xcel Energy.

Based on comments from Xcel Energy by email and subsequent phone conversation, the units failed a bench test which aimed to verify that the contacts properly revert to their original state during spring return. After manually rotating the arm until actuation, the test was to slowly allow the arm to return to center while monitoring the contact states. They found that the contacts reverted to their original state prior to the audible click/snap which was supposed to indicate contact changeover.

The two units were returned to Curtiss-Wright and received on 5/29/2025. The spring return test as described by Xcel was performed by Curtiss-Wright and the results they found, in which the contacts reverted prematurely during spring return, were replicated for S/N: 04. For S/N: 01, it was found that intermittently its contacts would not revert to their original state whatsoever, even after complete spring return to center. The technician needed to wiggle the arm back and forth to get the contacts to change over. While not identical to the issue described by Xcel, it was similar and also constituted a failure.

On 6/26/2025 CW sent the relays to NAMCO for repair and the parts were returned to CW on June 26. CW retested the Limit Switches and SN:4 failed for the same issue as noted earlier, therefore SN:4 was returned to NAMCO for a full evaluation.

Once the evaluation is complete this report will be updated. CW anticipates an update to this notification with final results on 9/23/2025.

Sincerely:

Mark Papke

QA Manager

Curtiss-Wright

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