

<b>Event #:</b> 58249	
<b>Event Type:</b> Part 21	
<b>Reporting Org:</b> Emerson Process Management, Fisher	<b>Notify Date/Time:</b> 2026-04-21 17:08 (EDT)
<b>Licensee:</b> Fisher Controls International	<b>Event Date/Time:</b> 2026-04-17 00:00 (CDT)
	<b>Modify Date/Time:</b> 2026-05-15 16:14
<b>Region:</b> 3	
<b>City:</b> Marshalltown	<b>Agreement State:</b> Yes
<b>County:</b>	<b>License #:</b>
<b>State:</b> IA	
<b>Notified by:</b> Barry Hurst	<b>Notifications:</b> Warnek, Nicole R1DO
<b>HOO:</b> Brian P. Smith	Williams, Robert R2DO
<b>Emergency Class:</b> Non Emergency	Dixon, John R4DO
<b>10 CFR Sections:</b>	Part 21/50.55 Reactors, - EMAIL
<b>21.21(a)(2)</b> Interim Eval Of Deviation	
<b>PART 21 - MATERIAL DEGRADATION INTERIM REPORT</b>	
The following summary was provided by the licensee via email:	
Emerson/Fisher Controls International LLC identified a potential deviation on February 17, 2026, involving material certified to ASTM A276 Type 316B cold-finished bar stock. Mechanical property values (tensile and/or yield strength) reported on vendor certifications were found to be below ASTM A276 minimum requirements. The material was procured from the Curtiss-Wright Nuclear Division (Middleburg Heights, OH) under multiple safety-related purchase orders.	
Fisher's internal review determined that seven total purchase orders from Curtiss-Wright contained material with sub-minimum strength values. Affected materials were used in plug and stem assembly components, and Fisher has isolated nonconforming items and segregated all remaining 316B inventory.	
Fisher notified Curtiss-Wright on February 17, 2026, requesting details on containment, root cause, extent of condition, and corrective actions. Curtiss-Wright later confirmed additional affected orders on March 23, 2026.	
Fisher is evaluating whether the reduced mechanical properties could impact fit, form, or function, including stem buckling and structural adequacy analyses. Completion of these evaluations requires customer-specific actuator loads and design conditions. Fisher has not yet determined that the issue constitutes a defect or reportable failure to comply but will provide additional notification if reportability changes.	
The evaluation is expected to be completed by May 17, 2026.	
Plants that have purchase orders for the potential degraded material include the following: Salem, Brunswick, Sequoyah, Catawba, and Palo Verde	
POC:	
Catherine Hoeger, Quality Manager	
Emerson, Marshalltown Operations	
Catherine.Hoeger@Emerson.com	
641-387-0901	
*** UPDATE ON 05/15/2026 AT 1551 EDT FROM BARRY HURST TO ERNEST WEST ***	
The following is a synopsis of information received from an updated Part 21 report:	

Fisher conducted tensile and yield strength tests on the components with actual tensile and/or yield strength values falling below the ASTM A276 minimum certification requirements for ASTM A276 Type 316B cold finished material. All other mechanical test results were confirmed acceptable.

Fisher completed an engineering evaluation and determined that this condition does not represent a substantial safety hazard. The supplied material continues to meet or exceed the required design strength for the applicable shipped valve and actuator configurations, and no adverse impact to form, fit, function, operability, or safety-related performance was identified.

No additional affected purchase orders or customers were identified in the update.

Fisher will work directly with the customers regarding any concerns or resolving any issues associated with these components.

If there are any technical questions or concerns, please contact:

Catherine Hoeger

Quality Manager

Emerson Automation Solutions

Fisher Controls International LLC

Phone (641) 754-3210

catherine.hoeger@emerson.com

Notified R1DO (Bickett), R2DO (Taylor), R4DO (Drake), and Part 21/50.55 Reactors (email).



June DelGrosso  
North America Nuclear  
Director

Emerson  
301 South First Ave  
Marshalltown, IA, 50158  
USA

T +1 508 594 4460  
june.delgrosso@emerson.com

## **Fisher Information Notice: FIN 2026-02**

**13 May 2026**

### **Subject:**

This correspondence is a follow-up to the interim notification previously submitted regarding Accession No. ML26112A070 Interim Written Notification per 10 CFR 21.21(a)(2) Potential Deviation - ASTM A276 Type 316 B Cold Finished Material.

### **Equipment Affected by this Fisher Information Notice:**

Items subject to this Fisher Information Notice (FIN) are limited *only* to those customer orders referenced in Table 1. The affected components are plug and stem assemblies made from ASTM A276 Type 316B cold-finished stainless steel bar stock and procured as safety-related material. No other Fisher supplied items are affected.

**Table 1: Affected Components**

<b>LBP Order #</b>	<b>Sales Order #</b>	<b>Customer</b>	<b>Customer PO #</b>	<b>Part Number</b>
033 -D7768372	2441792	Duke Energy Progress LLC	03197863	1V6574X0352
019E-P335174	2480351	Arizona Public Service Co	PV1042307	36A9907X452
025 -X283900	2468099	Tennessee Valley Authority (TVA)	7765013	11A5338X432
033 -D7764162	2396798	Duke Energy Corporation	03188627	24A3784X202



June DelGrosso  
North America Nuclear  
Director

Emerson  
301 South First Ave  
Marshalltown, IA, 50158  
USA

T +1 508 594 4460  
june.delgrosso@emerson.com

019E-P323538	2405961	Arizona Public Service Co Db Aps West Phoenix	PV1030843	12A4889X092
003 -T10018098	2356505	PSEG Nuclear LLC	4501278868	11A8436X142
019E-P309168	2309775	Arizona Public Service Co	500659277	36A9907X452
019E-P309168	2309775	Arizona Public Service Co	500659277	36A9907X452
019E-P311317	2324270	Arizona Public Service Co	500659106	21A4452X142

**Purpose:**

The purpose of this Fisher Information Notice (FIN) is to inform affected customers that, on February 17, 2026, Fisher identified a deviation from the technical requirements associated with ASTM A276 Type 316B Cold Finished stainless steel material and completed an evaluation in accordance with 10 CFR 21. Fisher determined the condition does not create a substantial safety hazard.

**Applicability:**

This FIN applies only to the subject equipment supplied by Fisher as identified above.

**Discussion:**

On February 17, 2026, Fisher identified a potential deviation associated with ASTM A276 Type 316B Cold Finished stainless steel material supplied by Curtiss-Wright Nuclear Division. Reported tensile and/or yield strength values identified on material certifications were below the ASTM A276 minimum requirements for the certified



June DelGrosso  
North America Nuclear  
Director

Emerson  
301 South First Ave  
Marshalltown, IA, 50158  
USA

T +1 508 594 4460  
june.delgrosso@emerson.com

diameters. The material was procured as safety-related and used in plug and stem assembly components.

As shown in Table 2, certain actual tensile and yield strength values fall below the ASTM A276 minimum certification requirements for ASTM A276 Type 316B Cold Finished material. Therefore, the material does not fully conform to the certifiable mechanical property requirements for this ASTM grade. All other mechanical test results were confirmed acceptable.

Fisher completed an engineering evaluation and determined that this condition does not represent a substantial safety hazard. The supplied material continues to meet or exceed the required design strength for the applicable shipped valve and actuator configurations, and no adverse impact to form, fit, function, operability, or safety-related performance was identified.

**Table 2: ASTM A276 Type 316 B Cold Finished**

Customer PO#	Certified Finished Diameter (in)	ASTM A276 Range (ksi)	Actual Tensile (ksi)	Actual Yield (ksi)
03197863	0.501/0.498	125 minimum tensile / 100 minimum yield	122	93
PV1042307	0.751/0.748	125 minimum tensile / 100 minimum yield	123	104
7765013	0.751/0.748	125 minimum tensile / 100 minimum yield	123	104
03188627	0.751/0.748	125 minimum tensile / 100 minimum yield	122	93



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PV1030843	0.751/0.748	125 minimum tensile / 100 minimum yield	123	96
4501278868	0.751/0.748	125 minimum tensile / 100 minimum yield	125	95
500659277	0.751/0.748	125 minimum tensile / 100 minimum yield	125	95
500659277	0.751/0.748	125 minimum tensile / 100 minimum yield	125	95
500659106	0.751/0.748	125 minimum tensile / 100 minimum yield	125	95

**Extent of Condition:**

Following identification of material certifications with tensile and/or yield strength values below the minimum ASTM A276 requirements for ASTM A276 Type 316B Cold Finished bar stock supplied under one Fisher purchase order, Fisher performed an extent of condition review and identified two additional affected purchase orders in inventory from the same supplier, Curtiss-Wright Nuclear Division, Middleburg Heights, Ohio. All affected material was procured as safety related.

Curtiss-Wright subsequently completed an investigation and identified four additional Fisher purchase orders containing material certifications with tensile and/or yield strength values below the ASTM A276 Type 316B Cold Finished minimum requirements for the certified diameters. On March 23, 2026, Curtiss-Wright provided Fisher with the list of seven total affected purchase orders.

Fisher implemented containment actions including segregation of all ASTM A276 Type 316B Cold Finished material in inventory and isolation of affected items pending evaluation.



**June DelGrosso**  
North America Nuclear  
Director

**Emerson**  
301 South First Ave  
Marshalltown, IA, 50158  
USA

T +1 508 594 4460  
[june.delgrosso@emerson.com](mailto:june.delgrosso@emerson.com)

**Action Required:**

Fisher will work directly with the customers regarding any concerns or resolving any issues associated with this information notice. Fisher Corrective Action Request (CAR) 2116 was initiated to document and address this condition internally.

**10 CFR 21 Implications:**

Fisher requests that the recipients of this FIN review it and take appropriate action in accordance with 10 CFR 21. If there are any technical questions or concerns, please contact:

Catherine Hoeger  
Quality Manager  
Emerson Automation Solutions  
Fisher Controls International LLC  
1702 Governor Rd, Marshalltown IA 50158  
Phone (641) 754-3210  
[catherine.hoeger@emerson.com](mailto:catherine.hoeger@emerson.com)

*June Delgrosso*

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June DelGrosso  
Director, North America Nuclear  
Emerson