

Part 21 (PAR)

Event # 51810

<b>Rep Org:</b> FISHER CONTROLS INTERNATIONAL, LLC		<b>Notification Date / Time:</b> 03/21/2016 14:02 (EDT)	
<b>Supplier:</b> FISHER CONTROLS INTERNATIONAL, LLC		<b>Event Date / Time:</b> 01/22/2016 (CDT)	
<b>Last Modification:</b> 03/21/2016			
<b>Region:</b> 3		<b>Docket #:</b>	
<b>City:</b> MARSHALLTOWN		<b>Agreement State:</b> Yes	
<b>County:</b>		<b>License #:</b>	
<b>State:</b> IA			
<b>NRC Notified by:</b> LYNN SANDERS		<b>Notifications:</b> SHAKUR WALKER R2DO	
<b>HQ Ops Officer:</b> DONG HWA PARK		PART 21/50.55 REACTORS EMAIL	
<b>Emergency Class:</b>			
<b>10 CFR Section:</b>			
21.21(d)(3)(i) DEFECTS AND NONCOMPLIANCE			

## PART 21 - PLUG/STEM ASSEMBLY

The following is a summary of an email provided by Fisher Controls International:

"Items subject to this Fisher Information Notice (FIN) were provided to Tennessee Valley Authority (TVA) Watts Bar Nuclear Plant per TVA Order 702507 (Fisher Order Number 025-N230331922). Specifically, this FIN applies to a plug/stem assembly that Fisher Controls International LLC (Fisher) supplied to TVA, item number 15A2560X072 (Equipment). In this equipment, the essential-to-function groove pin was erroneously provided as commercial-grade.

"Fisher Information Notice: FIN 2016-03

"Fisher requests that the recipient 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:

Ben Ahrens  
Quality Manager  
Emerson Process Management  
Fisher Controls International LLC  
301 South First Avenue  
Marshalltown, IA 50158  
Phone: (641) 754-2249  
Benjamin.ahrens@emerson.com"

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NRR

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Fisher Controls International LLC  
301 South First Ave  
P.O. Box 190  
Marshalltown, Iowa 50158-0190  
USA  
T (641) 754-3011  
F (641) 754-2830

## **Fisher Information Notice: FIN 2016-03**

**18 March 2016**

**Subject:** Groove Pin Dedication

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

Items subject to this Fisher Information Notice (FIN) were provided to Tennessee Valley Authority (TVA) Watts Bar Nuclear Plant per TVA Order 702507 (Fisher Order Number 025 - N230331922). Specifically, this FIN applies to a plug/stem assembly that Fisher Controls International LLC (Fisher) supplied to TVA, item number 15A2560X072 (Equipment). In this Equipment, the essential-to-function groove pin was erroneously provided as commercial-grade.

### **Purpose:**

The purpose of this FIN is to alert the customer that, as of 22 January 2016, Fisher became aware of a situation which may affect the performance of the aforementioned Equipment, including its safety-related function.

Fisher is informing the customer of this circumstance in accordance with Section 21.21 (b) of 10 CFR 21.

### **Applicability:**

This FIN applies only to the Equipment supplied by Fisher to TVA Watts Bar via the aforementioned order.

### **Discussion:**

The supplied Equipment in question features a plug tip which is connected to the plug by a simple threaded joint. A groove pin is used to prevent the plug tip from unscrewing from the plug block (please see attached Item 1 for part identification). Because the threaded joint is not self-locking, the groove pin serves as a primary locking device. It is therefore considered essential-to-function and requires dedication per FMP2K27 (Control of Commercial Grade Items to be Dedicated for Use in Nuclear Safety-Related Applications). However, review of the documentation package reveals that the groove pin was not subjected to the requirements of FMP2K27; thus, the part was supplied as a commercial-grade item.



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March 21, 2016

To Whom It May Concern:

Attached is Fisher Information Notice FIN 2016-03.

Emerson Process Management – Fisher Valves complies with the reporting requirements of 10 CFR Part 21 Section 21.21 (b) and 10 CFR Part 50.55 (e) by informing the U.S. Nuclear Regulatory Commission Licensees or Purchaser of deviations or failures to comply.

Please review the attached Fisher Information Report. If you have questions, please contact the following:

Benjamin Ahrens  
Manger, Quality  
Phone - 641-754-2249 or email – Benjamin.Ahrens@Emerson.Com

A handwritten signature in cursive script, appearing to read "George Baitinger".

George Baitinger  
Director Quality Americas  
Fisher Controls International LLC  
Attachments





Fisher Controls International LLC  
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Marshalltown, Iowa 50158-0190  
USA  
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Fisher has no reason to believe the groove pin supplied is defective, only that the part was not properly processed. The part in question does not pose an inherent safety risk and there are no known field issues with the affected Equipment.

**Action Required:**

Fisher will provide TVA with a properly dedicated groove pin. In addition, a Corrective Action Request (CAR 1796) has been initiated by Fisher to prevent reoccurrence of this issue.

**10 CFR 21 Implications:**

Fisher requests that the recipient 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:

Ben Ahrens  
Quality Manager  
Emerson Process Management  
Fisher Controls International LLC  
301 South First Avenue  
Marshalltown, IA 50158  
Phone: (641) 754-2249  
[Benjamin.ahrens@emerson.com](mailto:Benjamin.ahrens@emerson.com)

A handwritten signature in black ink, appearing to read "Chad Engle".

Chad Engle  
Nuclear Business Unit Director  
Fisher Controls International LLC  
301 South First Avenue  
Marshalltown, IA 50158  
Fax: (641) 754-2854



Item 1  
Part Identification Sketch

**Plug Block: ASME Code Part**  
**Plug Tip: Dedicated Part**  
**Soft Seat: Dedicated Part**  
**Groove Pin: Dedicated Part**

**Part 15A2560X072**  
**TVA PO 702507**

**Stem Connection**

