



Fisher Controls International LLC  
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T (641) 754-3011  
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April 14, 2016

To Whom It May Concern:

Attached is a Fisher Information Notice, (FIN) 2016-04

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 FIN notice for applicability to your facility.

A handwritten signature in black ink, appearing to read "George Baitinger".

George Baitinger  
Director, Quality Americas

Attachments



IE20  
NMSS



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## **Fisher Information Notice: FIN 2016-04**

**19 April 2016**

**Subject:** Travel Pin Lock Dedication

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

Items subject to this Fisher Information Notice (FIN) were provided to Public Service Electric and Gas Company (PSEG) per PSEG Order 4500798699 (Fisher Order Number 003 – V028245881) (Order). Specifically, this FIN pertains to Fisher Controls International LLC (Fisher) supplied safety-related Type 3582G positioners, serial numbers F000516516-517 (“Equipment”) provided per the Order. In these assemblies, the essential-to-function travel pin lock was erroneously provided as commercial-grade.

### **Purpose:**

The purpose of this FIN is to alert the customer that, as of 21 March 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 PSEG via the aforementioned Order.

### **Discussion:**

The supplied Type 3582 positioner mounting parts include a travel pin that is held in place by a travel pin lock. The travel pin is inserted into a pin holder, and the threaded travel pin lock is threaded through holes in both the pin holder and the travel pin, and capped on the other side with a cap nut. If the travel pin lock were to fail, the travel pin would have the potential to disengage from the connecting arm, rendering the positioner unable to perform its safety related function of properly positioning the actuator. The travel pin lock 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



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documentation package reveals that the travel pin lock was not subjected to the requirements of FMP2K27; thus, the Equipment was supplied as a commercial-grade item.

Fisher has no reason to believe the travel pin lock supplied is defective, only that the part was not dedicated due to a typographical error. The Equipment in question does not pose an inherent safety risk and there are no known field issues with the affected equipment.

**Extent of Condition:**

A search of safety-related 3582 positioner mountings was completed. No other orders were found where a commercial-grade part was inadvertently supplied in place of a safety-related part.

**Action Required:**

Fisher will provide PSEG with a properly dedicated travel pin lock. In addition, a Corrective Action Request (CAR 1799) has been initiated by Fisher to prevent reoccurrence of this issue.



**EMERSON**  
Process Management

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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:

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Quality Manager  
Emerson Process Management  
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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  
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