

Part 21 (PAR)

Event # 50635

<b>Rep Org:</b> EMERSON PROCESS MANAGEMENT	<b>Notification Date / Time:</b> 11/24/2014 07:58 (EST)
<b>Supplier:</b> FISHER CONTROLS INTERNATIONAL, LLC	<b>Event Date / Time:</b> 10/06/2014 (EST)
	<b>Last Modification:</b> 11/24/2014
<b>Region:</b> 1	<b>Docket #:</b>
<b>City:</b> COLUMBIA	<b>Agreement State:</b> Yes
<b>County:</b>	<b>License #:</b>
<b>State:</b> SC	
<b>NRC Notified by:</b> GUY SCAGGS	<b>Notifications:</b> VIVIAN CAMPBELL R4DO
<b>HQ Ops Officer:</b> JOHN SHOEMAKER	PART 21 GROUP EMAIL
<b>Emergency Class:</b> NON EMERGENCY	
<b>10 CFR Section:</b>	
21.21(d)(3)(i) DEFECTS AND NONCOMPLIANCE	

PART 21 - TYPE 67 AFR REGULATORS WITH IMPROPERLY DEDICATED DIAPHRAGM VALVE SEATS

The following information was summarized from the report obtained from the vendor via facsimile:

"The purpose of this Fisher Information Notice is to alert CPNPP [Comanche Peak Nuclear Power Plant], that as of October 6, 2014, Fisher Controls International LLC (Fisher) became aware of a situation which may affect the performance of the Equipment, including their safety-related function.

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

"Fisher has determined that parts kits for the Equipment were provided with improperly dedicated parts that had not been properly processed per active valve requirements. Specifically, Fisher provided diaphragm assemblies for the Type 67 AFR regulator with improperly dedicated diaphragm valve seats."

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

Guy Scaggs  
Quality Manager  
Emerson Process Management  
Instrument & Valve Services Company  
757 Old Clemson Road  
Columbia, SC 29229  
Fax: (803) 736-3105  
Phone: (803) 736-3105  
guy.scaggs@emerson.com

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KRR



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 2014-03**

**19 November 2014**

**Subject:** Improper Dedication of Type 67AFR Regulator Diaphragm Assembly Parts

**From:**

A handwritten signature in black ink, appearing to read "Scott Jones". The signature is written in a cursive, flowing style.

Scott Jones PE  
Engineering Manager Nuclear Business Unit  
Fisher Controls International LLC  
301 South First Avenue  
Marshalltown, IA 50158  
Fax: (641) 754-2854

**Equipment Affected by this Information Notice:**

***Items subject to this Fisher Information Notice (FIN) were provided to Comanche Peak Nuclear Power Plant (CPNPP) via Fisher Order Numbers 027D-402411, 027D-143252, 027D-154408, 027D-174939, 027D-180940, 027D-183925, and 027D-182700. A total of 267 retrofit kits (FSCCOL00527) were delivered via the aforementioned Orders for the subject regulators. In each kit, the improperly dedicated part Type 67R Diaphragm Assembly 19A7667X182 was identified. (Equipment).***

**Purpose:**

The purpose of this FIN is to alert CPNPP that as of 6 October 2014, Fisher Controls International LLC (Fisher) became aware of a situation which may affect the performance of the Equipment, including their safety-related function.

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



## **Fisher Information Notice: FIN 2014-03**

### **Applicability:**

This FIN applies only to the subject Equipment supplied by Fisher Controls to CPNPP via the aforementioned orders.

### **Discussion:**

Fisher has determined that parts kits for the Equipment were provided with improperly dedicated parts that had not been properly processed per active valve requirements. Specifically, Fisher provided diaphragm assemblies for the Type 67AFR regulator with improperly dedicated diaphragm valve seats.

Concerning Fisher order 027D-402411, all 9 kits supplied were returned and evaluated. It was determined that an out of tolerance condition exists. This nonconformance, when present, will prevent the assembled regulator from functioning as was determined by CPNPP upon testing after assembly. It is assumed that any kits supplied on previous orders that are in service have successfully undergone the same functional testing do not have the same defect.

### **Action Required:**

Fisher will support CPNPP in performing the replacement of the now obsolete 67AFR regulators with the current offering of 67CFR regulators. A credit will be issued for the full cost of the nine kits that were supplied for Fisher order 027D-402411. Additionally, any unused kits from aforementioned orders that remain in stock should be returned to Fisher and a credit will be issued for any returned kits as well. Fisher will further support CPNPP with information necessary to assist in performing engineering justification for the change from the 67AFR to the 67CFR regulator. Arrangements will be made with CPNPP in order to obtain replacement regulators.

In addition, a Corrective Action Request (CAR 2014-014) has been initiated by Fisher to prevent reoccurrence of this issue.

Please note that Fisher will no longer offer replacement parts or conversion kits for the obsolete 67AFR regulator.

### **10 CFR 21 Implications:**

Fisher requests that the recipient of this notice 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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