

Part 21 (PAR)

Event # 50911

Rep Org: EMERSON PROCESS MANAGEMENT		Notification Date / Time: 03/20/2015 14:49 (EDT)	
Supplier: FISHER CONTROLS INTERNATIONAL LLC		Event Date / Time: 06/06/2014 (CDT)	
Last Modification: 03/20/2015			
Region: 3	Docket #:		
City: MARSHALLTOWN	Agreement State:		Yes
County:	License #:		
State: IA			
NRC Notified by: DENNIS SWANSON		Notifications: GREGORY ROACH	R3DO
HQ Ops Officer: MARK ABRAMOVITZ		BINOY DESAI	R2DO
Emergency Class: NON EMERGENCY		HEATHER GEPFORD	R4DO
10 CFR Section:		PART 21/50.55 REACTORS	EMAIL
21.21(d)(3)(i)	DEFECTS AND NONCOMPLIANCE		
50.55(e)	CONSTRUCT DEFICIENCY		

PART-21 REPORT - VALVE SEAT LEAKAGE DEFECT

The following is a summary of a submitted facsimile:

"A valve plug originally supplied as a spare parts order was returned to Fisher after the customer discovered a machining error was present on the plug. The Type 461 valve plug has a groove machined across the seating surface of the plug. This groove is required to provide a controlled leak rate thru the valve when the plug is on the seat. The issue recently identified shows that the machined groove did not extend through the full length of the seat. This could lead to a situation in which the intended/required leakage for this design is not fully achieved."

Affected plants are: Waterford-3 and St Lucie.

JEI9
NRR



Facsimile

301 South First Ave
Marshalltown, IA 50158

T 641-754-3011
F 641-754-2830

To: NRC Operations Center - Attn: Bill Huffman
Fax: 301-816-5151
From: Dennis Swanson, Emerson Process Management
Date: 03/20/2015
Pages: 4
(incl cover)

Attachment: Fisher Information Notice – (FIN) 2015-01

For technical questions please contact Dennis Swanson at (641) 754-2381.



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

March 20, 2015

To Whom It May Concern:

Attached is a Fisher Information Notice, (FIN) 2015-01.

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 cursive script that reads "Dennis Swanson".

Dennis Swanson
Director, Quality
Valve Division – Americas

Attachments





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Fisher Information Notice: FIN 2015-01

18 March 2015

Subject: Fisher Type 461 Valve Plug Machining

From:

Chad Engle
Director, Nuclear Business Unit
Fisher Controls International LLC
301 South 1st Avenue
Marshalltown, IA 50158
Fax: (641) 754-2854

Equipment Affected By This Information Notice:

The equipment affected by this FIN notice are replacement Valve Plug/Stem Assemblies for Type 461 valves supplied under the following machining drawing numbers: 25A0413, 29A7841 or 27B5132. Fisher records indicate two sites were supplied the potentially affected assemblies.

Entergy Waterford 3: 29A7841X052
Waterford PO: 10297987

FPL St. Lucie: 25A0413X112, 25A0413X122, 25A0413X142,
25A0413X162 and 27B5132X022

St. Lucie PO's: 55205, 00109494 Rev 3, 02318525 Rev 2

Purpose:

The purpose of this Fisher Information Notice (FIN) is to alert Entergy and Florida Power and Light that as of 6 June 2014, Fisher Controls International LLC ("Fisher") became aware of the possibility of a situation which may affect the performance of the applicable equipment.

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



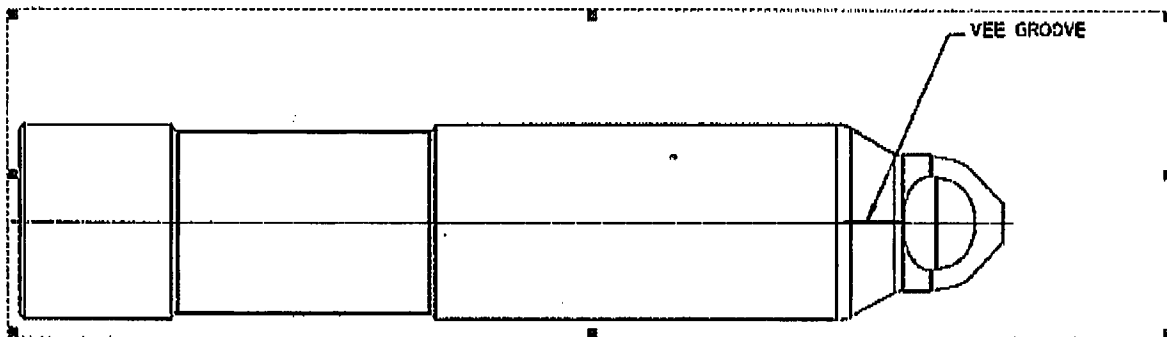
Fisher Information Notice: FIN 2015-01**Applicability:**

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

Discussion:

A valve plug originally supplied as a spare parts order was returned to Fisher after the customer discovered a machining error was present on the plug. The Type 461 valve plug has a groove machined across the seating surface of the plug. This groove is required to provide a controlled leak rate thru the valve when the plug is on the seat. The issue recently identified shows that the machined groove did not extend through the full length of the seat. This could lead to a situation in which the intended / required leakage for this design is not fully achieved.

Action Required: Evaluate any affected Type 461 valve plugs in inventory to ensure the machined groove extends across the plug seating area.



Fisher is revising the affected drawings for increased clarity and implementing appropriate corrective actions per CAR 1727.

10CFR21 Implications:

Fisher requests that the recipient of this notice review it and take appropriate action in accordance with 10CFR Part 21.

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

Benjamin Ahrens
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301 South 1st Avenue
Marshalltown, IA 50158
Fax: (641) 754-2854
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