



EMERSON
Process Management

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November 17, 2017

To Whom It May Concern:

Attached is a Fisher Information Notice, (FIN) 2017-05

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.

George Baitinger
Director, Quality Americas

Attachments



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NRR



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Fisher Information Notice: FIN 2017-05

17 November 2017

Subject:

Fisher Type 461 Valve Plug Machining

Equipment Affected by this Fisher Information Notice:

Items subject to this Fisher Information Notice (FIN) are Type 461 Plugs sold or reworked since the publication date of FIN 2015-01 (18 March 2015). Specifically, this FIN applies to plug/stem assembly item number 25A0413X162 that Fisher Controls International LLC (Fisher) supplied to Florida Power and Light (FPL) St. Lucie per FPL Order 2363439 (Fisher Order Number 025-X204270) and to item number 29A7841X052 that Fisher supplied to Entergy Waterford 3 per Entergy Order 10297987 (Fisher Order Number 026N-187174).

Purpose:

The purpose of this FIN is to alert affected customers that, as of 28 September 2017, Fisher became aware of a situation which may affect the performance of the aforementioned equipment, including its safety-related function. Fisher is informing affected customers of this circumstance in accordance with Section 21.21 (b) of 10 CFR 21.

Applicability:

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

Discussion:

FIN 2015-01 details an issue in which a valve plug was returned to Fisher after the customer discovered a machining error was present in the plug. This Type 461 valve plug is intended to have a groove machined across the seating surface to provide a controlled leak rate through the valve when the plug is on the seat. It has been determined that the corrective action implemented in association with FIN 2015-01 was insufficient to ensure accurate machining and to prevent reoccurrence of this issue.

Item 29A7841X052 was returned by Entergy to Fisher for remachining. The remachined groove did not extend through the full length of the plug seating surface.

Extent of Condition:

Fisher has identified all instances in which Type 461 Plugs were supplied to customers since the issuance of FIN 2015-01. All such instances are captured herein.



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Action Required:

Fisher has reevaluated the Type 461 machining drawings and is revising those drawings to ensure clarity. Additionally, Fisher has implemented further appropriate corrective actions per CAR 1845.

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
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A handwritten signature in black ink, appearing to read "T. Parrie", is written above a horizontal line.

Tim Parrie
Director, North America Nuclear Business Unit
Fisher Controls