

Part 21 (PAR)

Event # 48492

Rep Org: FISHER CONTROLS INTERNATIONAL, LLC		Notification Date / Time: 11/08/2012 10:11 (EST)	
Supplier: FISHER CONTROLS INTERNATIONAL, LLC		Event Date / Time: 11/07/2012 (CST)	
Last Modification: 11/08/2012			
Region: 3	Docket #:		
City: MARSHALLTOWN	Agreement State: Yes		
County:	License #:		
State: IA			
NRC Notified by: CHAD ENGLE	Notifications: GLENN DENTEL	R1DO	
HQ Ops Officer: VINCE KLCO	MARVIN SYKES	R2DO	
Emergency Class: NON EMERGENCY	CHRISTINE LIPA	R3DO	
10 CFR Section:	THOMAS FARNHOLTZ	R4DO	
21.21(d)(3)(i) DEFECTS AND NONCOMPLIANCE	PART 21 GROUP	EMAIL	

PART 21 REPORT- COMMERCIAL GRADE DEDICATION NOT PROPERLY APPLIED TO BUTTERFLY VALVES

The following information was received by facsimile:

"While reviewing an order for a Type 9200 Butterfly Valve, it was discovered that some parts [shipped from Marshalltown, Iowa from 2009-present] had not been identified for Commercial Grade Dedication, These parts were considered Essential-to-Function and were needed for the valve assembly to perform its safety-related function(s).

"[The vendor] then extended its review to all safety-related orders going back to 2009. This review confirmed that the failure to dedicate was not confined to Type 9200 butterfly valves. The beginning of 2009 was selected because [an audit follow-up was] performed in January, 2009. A key point of emphasis during the audit was commercial grade dedication, with a recommended outcome being the addition of guidance on commercial grade dedication with all new quotations. Therefore, the 2009 audit brought clarity and consistency in approach, that was not always applied correctly between January, 2009 thru October, 2012.

"It is [vendor's] opinion that while the affected equipment identified as safety-related was not properly dedicated, the failure to dedicate does not appear to pose an inherent safety risk based on currently available Information. The reason being that much of the equipment affected by [the vendor's] error were items such as mounting kits, wherein [the vendor] failed to dedicate the hardware used to mount the instrument (i.e., the bracket and screws), but did properly dedicate the instrument. Additionally, in forming this opinion, [the vendor] has taken into account that there are no known field issues with the affected equipment and all such possibly non-dedicated equipment passed the required standard testing."

U.S. nuclear plants affected include the following:

IE19
NRR

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D.C. Cook; Millstone; Surry; McGuire; San Onofre; Indian Point; Palisades; Clinton; Peach Bottom; Beaver Valley; Cooper; Palo Verde; Brunswick; Hope Creek/Salem and Watts Bar. It is noted that numerous foreign facilities are also affected.

If there are any technical question, contact the Fisher Quality Manager (George Baitinger) : Fax: (641) 754-2854 or Phone: (641) 754-2026.



Facsimile

301 South First Ave
Marshalltown, IA 50158

T 641-754-2381
F 641-754-2684

NRC
To: Vernon Hodge
Fax: 301-816-5151

Sent on behalf of Dennis Swanson
by Trish Crosser
Executive Assistant
From: For QA Director NA
Date: 11/7/2012

Pages: 8
(incl cover)

Attached is a copy of Emerson Process Management – Fisher Division's Nuclear FIN Notice (FIN 2011-03) to be distributed today to our Nuclear Customers via Certified Mail.

Any questions or concern, do not hesitate to give me a call.

Trish Crosser | Executive Assistant | Fisher Division
Emerson Process Management | 301 S. 1st Avenue | Marshalltown, Iowa 50158 | USA
T +1 641.754.2688 | F +1 641.754.2688
Trish.Crosser@Emerson.com

Rec'd



Fisher Controls International LLC
 301 South First Ave.
 P.O. Box 190
 Marshalltown, Iowa 50158-0190
 USA
 T (641) 754-3011
 F (641) 754-2854

Fisher Information Notice: FIN 2012-03

November 6, 2012

Subject: Commercial Grade Dedication of Essential-to-Function Equipment

From:

A handwritten signature in black ink that reads 'Chad M Engle'.

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

Equipment Potentially Affected By This Information Notice:

Commercial Grade Dedication of Essential-to-Function equipment within certain Fisher valve assemblies, shipped from Marshalltown, Iowa from 2009-present.

A list of possibly affected serial numbers can be found in Table 1 below.

Purpose:

The purpose of this Fisher Information Notice ("FIN") is to alert potentially affected customers that, as of October 25, 2012, Fisher Controls International LLC ("Fisher") became aware of a possible failure to comply.

Fisher is providing this written notice per the requirements of 10 CFR 21.21(b).

Receipt of this FIN does not necessarily mean that the recipient has received subject equipment. It is expected that the recipients of this notice will review this information for applicability to their equipment and facilities, and if required, take the appropriate action as described in the 'Action Required' section at the end of this FIN.

Applicability:

This FIN applies to the equipment identified in Table 1, which lists serial, order and item



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numbers that were delivered to possibly affected customers. Only equipment from Fisher's Marshalltown site may be affected.

Discussion:

While reviewing an order for a Type 9200 Butterfly Valve, it was discovered that some parts had not been identified for Commercial Grade Dedication. These parts were considered Essential-to-Function and were needed for the valve assembly to perform its safety-related function(s).

Upon discovery of this possible failure to comply, an investigation was performed on all safety-related Type 9200 butterfly valves that were contractually required to be dedicated and had been shipped.

Fisher then extended its review to all safety-related orders going back to 2009. This review confirmed that the failure to dedicate was not confined to Type 9200 butterfly valves. The beginning of 2009 was selected because NUPIC had performed an audit in September 2008 and returned for a follow-up review in January 2009. A key point of emphasis during the audit was commercial grade dedication with a recommended outcome being the addition of guidance on commercial grade dedication with all new quotations. Therefore, the 2009 audit brought clarity and consistency in approach, that was unfortunately not always applied correctly between January 2009 thru October 2012.

It is Fisher's opinion that while the affected equipment we identified as safety-related was not properly dedicated, the failure to dedicate does not appear to pose an inherent safety risk based on currently available information. The reason being that much of the equipment affected by Fisher's error were items such as mounting kits, wherein Fisher failed to dedicate the hardware used to mount the instrument (i.e., the bracket and screws), but did properly dedicate the instrument. Additionally, in forming this opinion, Fisher has taken into account that there are no known field issues with the affected equipment and all such possibly non-dedicated equipment passed the required standard testing.

The following Corrective Actions have been completed or are in process:

- An internal Corrective Action (CAR# 1570), classified as a Significant Condition Adverse to Quality, has been issued to the Director, Nuclear Business Unit regarding entry of safety related orders, in accordance with Fisher's Quality Program.
- All shipped safety-related orders requiring dedication activities (going back to 2009) have been reviewed, as described above.

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- This notice was drafted and sent to NRC and all nuclear utilities (including non-US utilities). Additionally, Fisher is contacting each, individual potentially affected utility. This action is expected to be completed by November 16, 2012.
- All pending orders are being reviewed and will be corrected prior to shipment.
- Mandatory enhanced training will be provided to all employees engaged in processing safety-related orders, to ensure that the equipment requiring Commercial Grade Dedication is properly identified and listed on the order.
- A thorough review of the order entry process, including a mapping of the process, is being conducted. The future process will include additional controls and review points, which will be documented in the operating procedure.
- In the short-term pending the completion of the aforementioned corrective actions, the Nuclear Qualification Engineer, the engineer designated for determining which parts are Essential-to-Function, will be engaged during the quotation stage of an order to ensure that the proper Essential-to-Function equipment for Commercial Grade Dedication is identified based on the equipment's safety-related function.
- We continue to review all applicable customer purchase orders (from 2009 through the present) to determine whether a failure to comply actually occurred. In an abundance of caution, Fisher has elected to notify all potentially affected customers via this FIN, understanding that it may eventually be determined that some of the notified customers did not receive affected equipment.

Action Required:

Fisher will supply properly dedicated equipment, at Fisher's cost, for the affected valve assemblies that are in inventory or in service.

10 CFR Part 21 Implications:

Fisher requests recipients carefully review this notice and take appropriate action in accordance with 10 CFR Part 21.

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

FISHER

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George Baitinger
Manager, Quality
Fisher Controls International LLC
301 South First Avenue
Marshalltown, IA 50158
Fax: (641) 754-2854
Phone: (641) 754-2026
George.Baitinger@Emerson.com



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Table 1

Serial Number	Customer Name	Plant Site	Customer Purchase Order	Ship Date
19081936	AE Ehrke and Co	Copes Vulcan Operation	304555-000 OP	7/9/10
19081937	AE Ehrke and Co	Copes Vulcan Operation	304555-000 OP	7/9/10
19081938	AE Ehrke and Co	Copes Vulcan Operation	304555-000 OP	7/9/10
19081939	AE Ehrke and Co	Copes Vulcan Operation	304555-000 OP	7/9/10
19361522	American Electric Power Co Inc	D.C. Cook	1539576	7/22/10
19541164	Dominion Nuclear Connecticut	Millstone Power Station	45757974	3/11/11
19819071	Dominion Nuclear Connecticut	Millstone Power Station	45787218	5/31/11
19819070	Dominion Nuclear Connecticut	Millstone Power Station	45787218	1/25/12
19819069	Dominion Nuclear Connecticut	Millstone Power Station	45787218	6/13/11
20204886	Dominion Nuclear Connecticut	Millstone Power Station	45844536	10/7/11
20204887	Dominion Nuclear Connecticut	Millstone Power Station	45844536	10/7/11
20204888	Dominion Nuclear Connecticut	Millstone Power Station	45844536	10/7/11
20204889	Dominion Nuclear Connecticut	Millstone Power Station	45844536	10/7/11
20204890	Dominion Nuclear Connecticut	Millstone Power Station	45844536	10/7/11
20204891	Dominion Nuclear Connecticut	Millstone Power Station	45844536	10/7/11
20204892	Dominion Nuclear Connecticut	Millstone Power Station	45844536	10/7/11
20204893	Dominion Nuclear Connecticut	Millstone Power Station	45844536	10/7/11
20268731	Dominion Nuclear Connecticut	Millstone Power Station	45842360	4/25/2012
19930541	Dominion Virginia Power	Surry Power Station	45801851	3/16/11
20503240	Dominion Virginia Power	Surry Power Station	45895045	4/3/12
19659589	Duke Energy Carolinas, LLC	McGuire Nuclear Station	140916	1/5/12
19659588	Duke Energy Carolinas, LLC	McGuire Nuclear Station	140916	12/6/11
19659587	Duke Energy Carolinas, LLC	McGuire Nuclear Station	140916	12/6/11
19659586	Duke Energy Carolinas, LLC	McGuire Nuclear Station	140916	9/27/11
19659585	Duke Energy Carolinas, LLC	McGuire Nuclear Station	140916	9/27/11
19659584	Duke Energy Carolinas, LLC	McGuire Nuclear Station	140916	9/15/11
19659583	Duke Energy Carolinas, LLC	McGuire Nuclear Station	140916	9/15/11
19659582	Duke Energy Carolinas, LLC	McGuire Nuclear Station	140916	9/15/11
19659581	Duke Energy Carolinas, LLC	McGuire Nuclear Station	140916	9/15/11
19659580	Duke Energy Carolinas, LLC	McGuire Nuclear Station	140916	8/30/11
19659579	Duke Energy Carolinas, LLC	McGuire Nuclear Station	140916	8/30/11
19659578	Duke Energy Carolinas, LLC	McGuire Nuclear Station	140916	8/22/11
19659577	Duke Energy Carolinas, LLC	McGuire Nuclear Station	140916	7/29/11
19659576	Duke Energy Carolinas, LLC	McGuire Nuclear Station	140916	7/29/11
19659575	Duke Energy Carolinas, LLC	McGuire Nuclear Station	140916	7/26/11

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Serial Number	Customer Name	Plant Site	Customer Purchase Order	Ship Date
19659574	Duke Energy Carolinas, LLC	McGuire Nuclear Station	140916	7/20/11
19659573	Duke Energy Carolinas, LLC	McGuire Nuclear Station	140916	6/23/11
19659572	Duke Energy Carolinas, LLC	McGuire Nuclear Station	140916	6/16/11
19659571	Duke Energy Carolinas, LLC	McGuire Nuclear Station	140916	6/16/11
19659570	Duke Energy Carolinas, LLC	McGuire Nuclear Station	140916	6/16/11
19659569	Duke Energy Carolinas, LLC	McGuire Nuclear Station	140916	6/16/11
19659568	Duke Energy Carolinas, LLC	McGuire Nuclear Station	140916	6/8/11
19659567	Duke Energy Carolinas, LLC	McGuire Nuclear Station	140916	6/8/11
19659566	Duke Energy Carolinas, LLC	McGuire Nuclear Station	140916	6/10/11
19490135	Duke Energy Carolinas, LLC	McGuire Nuclear Station	132960	2/23/11
19490134	Duke Energy Carolinas, LLC	McGuire Nuclear Station	132960	2/23/11
19490133	Duke Energy Carolinas, LLC	McGuire Nuclear Station	132960	2/23/11
19490132	Duke Energy Carolinas, LLC	McGuire Nuclear Station	132960	12/17/10
19490131	Duke Energy Carolinas, LLC	McGuire Nuclear Station	132960	12/6/10
19490130	Duke Energy Carolinas, LLC	McGuire Nuclear Station	132960	11/5/10
19490129	Duke Energy Carolinas, LLC	McGuire Nuclear Station	132960	11/5/10
19484999	Duke Energy Carolinas, LLC	McGuire Nuclear Station	132960	11/5/10
19675627	Duke Energy Carolinas, LLC	McGuire Nuclear Station	132960	4/12/11
19675626	Duke Energy Carolinas, LLC	McGuire Nuclear Station	132960	4/12/11
19971997	Duke Energy Carolinas, LLC	McGuire Nuclear Station	140916	1/23/12
19971996	Duke Energy Carolinas, LLC	McGuire Nuclear Station	140916	1/23/12
20304106	Duke Energy Carolinas, LLC	McGuire Nuclear Station	00140916 REV 003	3/26/12
20304105	Duke Energy Carolinas, LLC	McGuire Nuclear Station	00140916 REV 003	2/6/12
20304104	Duke Energy Carolinas, LLC	McGuire Nuclear Station	00140916 REV 003	1/25/12
20304103	Duke Energy Carolinas, LLC	McGuire Nuclear Station	00140916 REV 003	1/25/12
20304102	Duke Energy Carolinas, LLC	McGuire Nuclear Station	00140916 REV 003	1/25/12
18277880	Edison Material Supply	SONGS	4500023509	9/18/09
20517717	Emerson Process Management-Asia	-	253-KF36080SR	4/25/12
20517718	Emerson Process Management-Asia	-	253-KF36080SR	4/25/12
20699192	Emerson Process Management-Asia	-	253-KF36184SR	8/9/12
20699193	Emerson Process Management-Asia	-	253-KF36184SR	8/9/12
19118224	Emerson Process Management-Belgium	-	4500299608	6/29/09
19118223	Emerson Process Management-Belgium	-	4500299608	6/29/09
19118222	Emerson Process Management-Belgium	-	4500299608	6/29/09
19362540	Emerson Process Management-Belgium	-	4500315767	3/31/10

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Serial Number	Customer Name	Plant Site	Customer Purchase Order	Ship Date
19363836	Emerson Process Management-Belgium	-	4500315767	3/31/10
19363835	Emerson Process Management-Belgium	-	4500315767	3/31/10
20906202	Entergy	Indian Point Energy Center	10336447	9/28/12
19398719	Entergy Corp	Palisades	10263509 REV. 001	10/8/10
19386322	Entergy Corp	Palisades	10263509 REV. 001	10/7/10
19491397	Entergy Nuclear Generation Co	Indian Point 2	10256996 REV. 001	2/4/11
19110912	Exelon Business Services Co	Clinton Nuclear Station	442547	3/25/09
19476612	Exelon Business Services Co	Clinton Nuclear Station	460815	9/14/10
19476613	Exelon Business Services Co	Clinton Nuclear Station	460815	9/14/10
19522242	Exelon Corp	Peach Bottom Atomic Power Station	90 037927	8/26/11
19522243	Exelon Corp	Peach Bottom Atomic Power Station	90 037927	8/26/11
19041577	Exelon Nuclear	Clinton Nuclear Station	439836	12/23/09
19040425	Exelon Nuclear	Clinton Nuclear Station	00438506 REV 004	9/23/09
19040424	Exelon Nuclear	Clinton Nuclear Station	00438506 REV 004	11/20/09
19163174	Exelon Nuclear	Clinton Nuclear Station	439836	12/23/09
19029600	First Energy Corp	Beaver Valley Nuclear Plant	45296865	9/25/09
19029363	First Energy Corp	Beaver Valley Nuclear Plant	45296865	9/25/09
19294715	Lakeside Process Controls	-	RCMT-265412-P9	2/25/10
19294716	Lakeside Process Controls	-	RCMT-265412-P9	2/25/10
19294717	Lakeside Process Controls	-	RCMT-265412-P9	2/25/10
19294718	Lakeside Process Controls	-	RCMT-265412-P9	2/25/10
19294719	Lakeside Process Controls	-	RCMT-265412-P9	2/25/10
19294720	Lakeside Process Controls	-	RCMT-265412-P9	2/25/10
20080090	Lakeside Process Controls	-	RCMT-265412-P13-13142	6/17/11
20080091	Lakeside Process Controls	-	RCMT-265412-P13-13142	6/17/11
20080092	Lakeside Process Controls	-	RCMT-265412-P13-13142	6/17/11
20080093	Lakeside Process Controls	-	RCMT-265412-P13-13142	6/17/11
20080094	Lakeside Process Controls	-	RCMT-265412-P13-13142	6/17/11
20080095	Lakeside Process Controls	-	RCMT-265412-P13-13142	6/17/11
19583178	Nebraska Public Power District	Cooper Nuclear Station	4500098906	11/22/11
20637913	Nebraska Public Power District	Cooper Nuclear Station	4500144836	8/15/12
19445013	NEK	KRSKO	41052406	10/5/10
19443837	NEK	KRSKO	41052406	9/30/10
19443836	NEK	KRSKO	41052406	10/5/10
19443835	NEK	KRSKO	41052406	9/30/10

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Serial Number	Customer Name	Plant Site	Customer Purchase Order	Ship Date
20203686	Omaha Public Power District	Fort Calhoun Station	161810	9/16/11
19029556	PEAB Process AB	-	124-138856	6/1/09
19029555	PEAB Process AB	-	124-138856	6/1/09
20232378	Pinnacle West Capital Corp	Palo Verde Nuclear Generating Station	PO# 500556759	6/21/12
20232379	Pinnacle West Capital Corp	Palo Verde Nuclear Generating Station	PO# 500556759	6/21/12
20232380	Pinnacle West Capital Corp	Palo Verde Nuclear Generating Station	PO# 500556759	6/21/12
19366534	Progress Energy	Brunswick Plant	474822	3/7/11
20504226	PSEG Energy Holdings Inc	Hope Creek/Salem	4500671710	4/10/12
20504227	PSEG Energy Holdings Inc	Hope Creek/Salem	4500671710	4/10/12
20504228	PSEG Energy Holdings Inc	Hope Creek/Salem	4500671710	4/10/12
20511480	PSEG Energy Holdings Inc	Hope Creek/Salem	4500671862	10/24/12
20511481	PSEG Energy Holdings Inc	Hope Creek/Salem	4500671862	10/24/12
20511482	PSEG Energy Holdings Inc	Hope Creek/Salem	4500671862	10/24/12
20511483	PSEG Energy Holdings Inc	Hope Creek/Salem	4500671862	10/24/12
20795094	PSEG Nuclear LLC	Hope Creek/Salem	4500694775	10/1/12
19829184	Public Service Electric and Gas Co	Hope Creek/Salem	4500606250	3/10/11
19829185	Public Service Electric and Gas Co	Hope Creek/Salem	4500606250	3/10/11
19829186	Public Service Electric and Gas Co	Hope Creek/Salem	4500606250	3/10/11
19829187	Public Service Electric and Gas Co	Hope Creek/Salem	4500606250	3/10/11
19829188	Public Service Electric and Gas Co	Hope Creek/Salem	4500606250	3/10/11
19829189	Public Service Electric and Gas Co	Hope Creek/Salem	4500606250	3/10/11
19829190	Public Service Electric and Gas Co	Hope Creek/Salem	4500606250	3/10/11
19829191	Public Service Electric and Gas Co	Hope Creek/Salem	4500606250	3/10/11
19829192	Public Service Electric and Gas Co	Hope Creek/Salem	4500606250	3/10/11
19829193	Public Service Electric and Gas Co	Hope Creek/Salem	4500606250	3/10/11
19829194	Public Service Electric and Gas Co	Hope Creek/Salem	4500606250	3/10/11
19495584	Westinghouse Electric Company LLC	Watts Bar Nuclear Plant Unit 2	4500336819	6/3/11
19520007	Westinghouse Electric Company LLC	Watts Bar Nuclear Plant Unit 2	4500336819	6/3/11
19493497	Westinghouse Electric Company LLC	Watts Bar Nuclear Plant Unit 2	4500336819	6/3/11
19518726	Westinghouse Electric Company LLC	Watts Bar Nuclear Plant Unit 2	4500336819	6/3/11
19493496	Westinghouse Electric Company LLC	Watts Bar Nuclear Plant Unit 2	4500336819	6/3/11