Part 21 (PAR) Event # 48666

Rep Org:	EMERSON PROCESS MANAGEMENT	**Notification Date / Time:**	01/11/2013 12:27 (EST)
Supplier:	FISHER DIVISION	**Event Date / Time:**	01/11/2013 (CST)
		Last Modification:	01/11/2013
Region:	3	**Docket #:**	
City:	MARSHALLTOWN	**Agreement State:**	Yes
County:		**License #:**	
State:	IA		
NRC Notified by:	DENNIS SWANSON	**Notifications:**	CHRISTOPHER NEWPORT R1DO
HQ Ops Officer:	VINCE KLCO		MARK FRANKE R2DO
Emergency Class:	NON EMERGENCY		JOHN GIESSNER R3DO
10 CFR Section:			VINCENT GADDY R4DO
21.21(d)(3)(i)	DEFECTS AND NONCOMPLIANCE		PART 21 GROUP EMAIL

PART 21 REPORT INVOLVING TYPE 546NS TRANSDUCERS

The following report was received via fax:

"Fisher Information Notice: FIN 2013-01; 9 January 2013

"Subject: Type 546NS Transducers

"Equipment Affected By This Information Notice: Type 546NS Transducers shipped prior to 19 December 2012.

"Purpose:

The purpose ,of this Fisher Information Notice (FIN) is to alert users of the Type 546 and 546NS Transducers, shipped prior to 19 December 2012, that Fisher Controls International LLC (Fisher) was made aware of a situation which may affect the performance of the aforementioned equipment. We are informing you of this circumstance in accordance with Sections 21.21(b) and 50.55 (e) of 10CFR21.

"Applicability:

This notice applies only to Fisher Type 546 and 546NS Transducers shipped prior to 19 December 2012 that are not in operation, installed or in service.

"Discussion:

Recently, while a Fisher maintenance engineer was installing a Type 546NS Transducer in a non US customer's

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plant, the instrument did not perform as expected.

Upon investigation of the unit, it was determined that the vent hole to the relay was plugged which resulted in the build up of pressure inside the housing. This increased pressure will cause the output pressure to ramp up to supply pressure. In the event the relay is plugged, users will easily detect ramping up of the output pressure immediately after the sealed unit is put in service, which is why this FIN applies to units that are not yet in service.

"Action Required:

All Type 546 and 546NS Transducer units shipped to customers prior to 19 December 2012 and not already-in-service should be checked for this restriction of the case vent. Units In-service with the cover installed and properly working will not have a plugged case vent.

"10CFR21 Implications:

Fisher requests that the recipient of this notice review it and take appropriate action in accordance with 10CFR21.

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

George Baitinger
Manager; Quality
Fisher Controls International LLC
205 South Center Street
Marshalltown. IA 50158
Fax; (641) 754-2854
Phone: (641) 754-2026
George.Baitinger@Emerson.com"

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EMERSON.
Process Management

FISHER

Facsimile

301 South First Avet
Marshalltown, IA 50158
T 641-754-2688
F 641-754-2645

To: NRC Operations Center - Attn: Bill Huffman
Fax: 301-816-5151
From: Dennis Swanson
Date: 1/11/2013
Pages: 4
(Incl cover)

Attachment: Fisher Information Notice - FIN 2013-01

For technical questions, please contact George Baltinger (641) 754-2026, or Dennis Swanson (641) 754-2381. Any other questions, give me a call.

Trish Crosser | Executive Assistant | Fisher Division
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P.O. Box 190
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T (641) 754-3011
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Fisher Information Notice: FIN 2013-01

9 January 2013

Subject: Type 546NS Transducers

From:

Chad Engle
Nuclear Business Unit Director
Fisher Controls International LLC
205 South Center Street
Marshalltown, IA 50158
Fax: (641) 754-2854

Equipment Affected By This Information Notice:

Type 546NS Transducers shipped prior to 19 December 2012.

Purpose:

The purpose of this Fisher Information Notice (FIN) is to alert users of the Type 546 and 546NS Transducers, shipped prior to 19 December 2012, that Fisher Controls International LLC (Fisher) was made aware of a situation which may affect the performance of the aforementioned equipment.

We are informing you of this circumstance in accordance with Sections 21.21 (b) and 50.55 (e) of 10CFR21.

Applicability:

This notice applies only to Fisher Type 546 and 546NS Transducers shipped prior to 19 December 2012 that are not in operation, installed or in service.

Discussion:

Recently, while a Fisher maintenance engineer was installing a Type 546NS Transducer in a non US customer's plant the instrument did not perform as expected.

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Upon investigation of the unit it was determined that the vent hole to the relay was plugged which resulted in the build up of pressure inside the housing. This increased pressure will cause the output pressure to ramp up to supply pressure. In the event the relay is plugged, users will easily detect the ramping up of the output pressure immediately after the sealed unit is put in service, which is why this FIN applies to units that are not yet in service.

Action Required

All Type 546 and 546NS Transducer units shipped to customers prior to 19 December 2012 and not already in-service should be checked for this restriction of the case vent. See the attached Case Vent Inspection Procedure guidance. Units in-service with the cover installed and properly working will not have a plugged case vent.

10CFR21 Implications:

Fisher requests that the recipient of this notice review it and take appropriate action in accordance with 10CFR21.

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

George Baitinger
Manager, Quality
Fisher Controls International LLC
205 South Center Street
Marshalltown, IA 50158
Fax: (641) 754-2854
Phone: (641) 745-2026
George.Baitinger@Emerson.com

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CASE VENT INSPECTION PROCEDURE

This procedure is to be used to inspect the 546 transducer vent passage between the 546 case and 82 relay for a possible obstruction due to aluminum flash in the vent passage. If the vent passage is found to be obstructed by aluminum flash, the flash may be removed with a punch or other hard pointed object by breaking and removing the flash. The 546 transducer will operate normally once the flash is removed and the relay is re-installed.

1. To remove the type 82 relay, perform step 1. of the *Relay Removal and Replacement* instructions on page 15 of the instruction manual.
2. Inspect the case vent passage (see figures 1 - 3). The passage should be open and the interior surface of the flash suppressor should be visible through the hole (see figures 1 and 2). If the passage is obstructed with aluminum flash, the passage will appear to be a blind hole (see figure 3).
3. If the passage is obstructed with aluminum flash, use a punch or other hard sharp instrument to break the flash and remove it from the vent passage.
4. Once the aluminum flash is removed, or if no aluminum flash is present, re-install the type 82 relay by performing step 3 of the *Relay Removal and Replacement* procedure on page 15 of the instruction manual.
5. The 546 transducer is now ready to be placed into service.

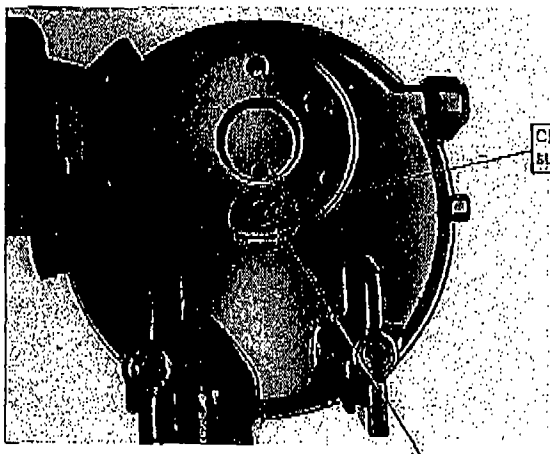

Figure 1

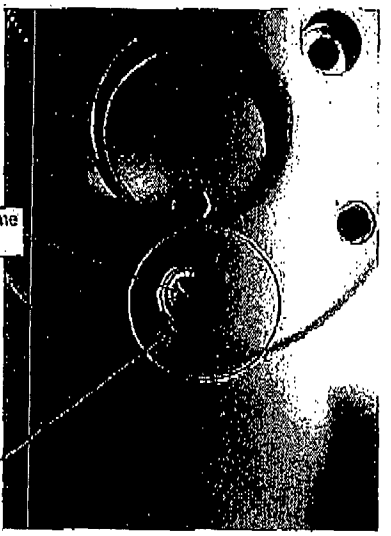

Figure 2

Case Vent Passage

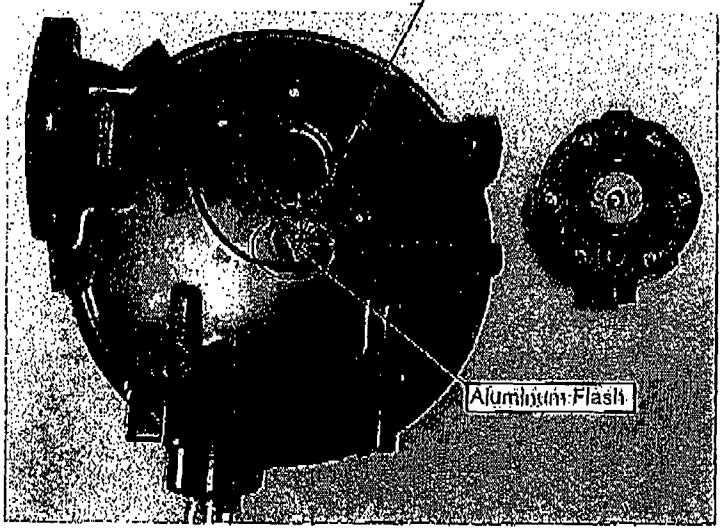

Figure 3