

Part 21 (PAR)

Event # 52324

Rep Org: EMERSON FISHER CONTROLS INTL LLC		Notification Date / Time: 10/27/2016 16:43 (EDT)	
Supplier: EMERSON FISHER CONTROLS INTL LLC		Event Date / Time: 08/30/2016 (CDT)	
Last Modification: 10/27/2016			
Region: 3		Docket #:	
City: MARSHALLTOWN		Agreement State: Yes	
County:		License #:	
State: IA			
NRC Notified by: KIM SAGAR		Notifications: BLAKE WELLING	R1DO
HQ Ops Officer: DANIEL MILLS		EUGENE GUTHRIE	R2DO
Emergency Class: NON EMERGENCY		PATTY PELKE	R3DO
10 CFR Section:		THOMAS FARNHOLTZ	R4DO
21.21(a)(2) INTERIM EVAL OF DEVIATION		PART 21/50.55 REACTORS	EMAIL
		PART 21 MATERIALS	EMAIL

PART 21 - POTENTIAL ISSUE WITH SEISMIC QUALIFICATION OF TYPE 546NS ELECTRO-PNEUMATIC TRANSDUCERS

The following was received via email:

"Pursuant to 10 CFR 21.21(a)(2), Fisher Controls International LLC ('Fisher') is providing required written interim notification of a potential failure to comply concerning Type 546NS Electro-Pneumatic Transducer Qualification Reports.

"On August 30, 2016, Fisher became aware of a potential issue with the past qualification of the Type 546NS Transducers. Fisher's published seismic literature and certifications, based on testing by a 3rd party laboratory, exhibit inconsistencies when compared to more recent testing completed by Fisher. Regardless of these discrepancies, the Type 546NS Transducer remains qualified to perform before and after seismic loading. The scope of this investigation pertains only to operability during seismic events.

"An extent-of-condition investigation is underway and 546NS testing data is being evaluated to determine if further testing is required. Fisher will complete the investigation by November 27, 2016 and, if necessary, will complete additional testing by February 10, 2017.

"Should there be any further questions concerning this matter, please contact Benjamin Ahrens, Manager, Quality by email at Benjamin.Ahrens@Emerson.com or via phone at 641-754-2249."

IE19
NRR



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T (641) 754-3011
F (641) 754-2830

October 27, 2016

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk

Subject: Fisher Controls 10CFR21 Interim Report
Type 546NS Qualification

Dear Sir or Madam:

Pursuant to 10 CFR 21.21(a)(2), Fisher Controls International LLC ("Fisher") is providing required written interim notification of a potential failure to comply concerning Type 546NS Electro-Pneumatic Transducer Qualification Reports.

On August 30, 2016, Fisher became aware of a potential issue with the past qualification of the Type 546NS Transducers. Fisher's published seismic literature and certifications, based on testing by a 3rd party laboratory, exhibit inconsistencies when compared to more recent testing completed by Fisher. Regardless of these discrepancies, the Type 546NS Transducer remains qualified to perform before and after seismic loading. The scope of this investigation pertains only to operability during seismic events.

An extent-of-condition investigation is underway and 546NS testing data is being evaluated to determine if further testing is required. Fisher will complete the investigation by November 27, 2016 and, if necessary, will complete additional testing by February 10, 2017.

Should there be any further questions concerning this matter, please contact Benjamin Ahrens, Manager, Quality by email at Benjamin.Ahrens@Emerson.com or via phone at 641-754-2249.

Regards,

A handwritten signature in black ink, appearing to read "Scott Lustyk", is written over a horizontal line.

Scott Lustyk
Manager, Nuclear Business Unit