

Part 21 (PAR)

Event # 50799

Rep Org: VALCOR ENGINEERING CORPORATION		Notification Date / Time: 02/09/2015 17:17 (EST)	
Supplier: VALCOR ENGINEERING CORPORATION		Event Date / Time: 02/09/2015 (EST)	
		Last Modification: 02/09/2015	
Region: 1	Docket #:		
City: SPRINGFIELD	Agreement State:	Yes	
County:	License #:		
State: NJ			
NRC Notified by: FRAN LUCANO		Notifications: RAY POWELL	R1DO
HQ Ops Officer: CHARLES TEAL		ROBERT HAAG	R2DO
Emergency Class: NON EMERGENCY		PATTY PELKE	R3DO
10 CFR Section:		DON ALLEN	R4DO
21.21(a)(2)	INTERIM EVAL OF DEVIATION	PART 21/50.55 REACTORS	EMAIL

PART 21 REPORT - POSSIBLE ASSEMBLY ERROR IN SOLENOID VALVE

"[The licensee] has discovered a possible assembly error that may result in compromising the capability to isolate the solenoid housing internals from a LOCA environment on some of our solenoid valve models that use grafoil packing for sealing the NEMA 4 enclosure. We are in the process of identifying the valve models affected and will notify all customers affected."

Description of Defect/Non-Compliance:

"As noted on MRR997W the packing ring which seals the solenoid on valve model V526-5631-36 used in Qualification and Production were not matched to the procedure invoked on valve drawing."

IE19
MRR



VALCOR ENGINEERING CORPORATION®

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Feb. 9, 2015

NRC Operations Center
Fax: 301-816-5151

SUBJECT: Interim of a potential defect

We have discovered a possible assembly error that may result in compromising the capability to isolate the solenoid housing internals from a LOCA environment on some of our solenoid valve models that use grafoil packing for sealing the NEMA 4 enclosure. We are in the process of identifying the valve models affected and will notify all customers affected.

VALCOR ENGINEERING CORPORATION



Fran Lucano
Vice President, Quality Systems



S2110, Rev. J

VALCOR ENGINEERING CORPORATION®
10 CFR 21 Reporting Evaluation Form
Form C

Ref: NFR# _____

Initiator: J. ShiehDate: 2-9-15

Description of Defect/Non-Compliance:

As noted on MRIR 997W the packing rings which seals the solenoid on valve model VS26-5631-36 used in Qualification & Production were not matched to the procedure involved on valve browsing.

How was Defect/Non-Compliance discovered?

Observation of disassembled qualification & subsequent interview with lab test personnel.

Engineering and QA evaluation: Substantial Safety Hazard - Yes, No, X Unable to determine

"C" COILS MAY BE INADEQUATELY SEALED WHICH MAY CAUSE COIL MALFUNCTION WHEN EXPOSED TO THE STEAM AND SPRAY OF A LOCA ENVIRONMENT.

B.W. Mearns 2/9/15
Nuclear Engineering Manager Date

J. Shieh 2/9/15
Q.A. Director Date

Steve L. ... 2/9/15
Nuclear Sales & Marketing Director Date

10CFR21 Reportability Evaluation:

☐ 10CFR21 Reportable☒ Customer Notification required. (Forward copy to Contracts for customer notification)☐ Not reportable per 10CFR21. (Retain in QA file)

Justification, if applicable: _____

Frank ... 2/9/15
President Date

NRC Notification (if applicable).

Date notified _____

By _____