

Fax Cover Sheet

To: 3018165151 From: Valcor

Pages: 5 Date: Fri Dec 22 1:36:04 PM EST 2023

Re: Part 21 notification for Valcor Solenoid Valve V52600-5890-1

Comments:

Michael Swirad
QA Director
Valcor Engineering
2 Lawrence Road
Springfield, NJ 07081
P: 973-467-8400 x 7223
M: 732-887-2320
email: mikeswirad@valcor.com<<mailto:mikeswirad@valcor.com>>
<http://www.valcor.com><<http://www.valcor.com/>>

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VALCOR ENGINEERING CORPORATION

2 Lawrence Road, Springfield, N.J. 07081, U.S.A.
(973) 467-8400
FAX (973) 467-9391

FACSIMILE MESSAGE

DATE: 12/22/22

TOTAL NUMBER OF PAGES 4

TO:

FROM:

NAME _____

NAME _____

COMPANY NRC Operation Center

DEPT Quality Assurance

CITY/STATE _____

FACSIMILE 301-816-5151

MESSAGE:

Attached please find Part 21 notification report for Valcor Solenoid Valves V52600-5890-1

If you do not receive all pages, please call (973) 467-8403

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VALCOR ENGINEERING CORPORATION®

2 Lawrence Road • Springfield, New Jersey 07081 USA

Phone: 973-467-8400, Fax: 973-467-9391

Nuclear Business Group

December 22, 2023

Valcor/NRC 2110-2023-QA-1

U.S. Nuclear Regulatory Commission
ATTENTION: Document Control Desk
Washington, D.C. 20555-0001

Subject: 10CFR Part 21 Notification for Defect Associated with Valcor Solenoid Valves V52600-5890-1.

This letter provides Valcor Engineering Corporation (VEC) formal notification of the identification of a defect in Valcor Solenoid Valves V52600-5890-1.

The information required for this VEC Notification per §21.21(d)(4) is attached.

Please contact me if you have any questions or require any additional information.

Sincerely,

Signer ID: CHQTOOR010...

Mike Swirad

Quality Assurance Director

mikeswirad@valcor.com

Enclosures:

Enclosure 1 (2 pages)

10 CFR Part 21 Notification per §21.21(d)(4)

(i) Name and Address of the individual or individuals informing the Commission.

Mike Swirad
 QA Director
 Valcor Engineering Corporation
 2 Lawrence Road
 Springfield, NJ 07081

(ii) Identification of the facility, the activity, or the basic component supplied for such facility or such activity within the United States which fails to comply or contains a defect.

Solenoid Valve, Valcor Part Number V52600-5890-1.

(iii) Identification of the firm constructing the facility or supplying the basic component which fails to comply or contains a defect.

Valcor Engineering Corporation
 2 Lawrence Road
 Springfield, NJ 07081

(iv) Nature of the defect or failure to comply and the safety hazard which is created or could be created by such defect or failure to comply.

Stroke matching of internal components was not performed in accordance with governing internal procedures causing Valve Flow Coefficient (Cv) to be only about 50% of required Cv of 2 minimum. Substantial safety hazard could be created if the safety function of Solenoid Valve is to flow at the rate equal to or greater than Cv 2.

(v) The date on which the information of such defect or failure to comply was obtained.

October 23, 2023

(vi) In the case of a basic component which contains a defect or fails to comply, the number and location of these components in use at, supplied for, being supplied for, or may be supplied for, manufactured, or being manufactured for one or more facilities or activities subject to the regulations in this part.

QTY	Customer	Customer PN	Customer PO#	Valcor Sales Order	Part#	Serial Number	Location of Installation	Ship date
1	Exelon	0000046425	01329434	N185542	V52600-5890-1	33	LaSalle	02-23
1	Exelon	0000046425	01361483	N187073	V52600-5890-1	34	LaSalle	03-23

** Valve Serial Number 34 has been returned to Valcor, subsequently repaired, and returned to customer.

(vii) The corrective action which has been, is being, or will be taken; the name of the individual or organization responsible for the action; and the length of time that has been or will be taken to complete the action.

Immediate corrective action was to rework returned Solenoid Valve SN 34 to comply with drawing and governing specification requirements and return to customer.
Corrective action to prevent recurrence includes improving training program for production personnel, if needed, review & revision of stroke matching procedure and enhancing QA oversight of that process. Valcor QA Director is responsible for proper implementation of above Corrective Action. It shall take 30 days to complete above stated actions.

(viii) Any advice related to the defect or failure to comply about the facility, activity, or basic component that has been, is being, or will be given to purchasers or licensees.

Valcor is in the process of notifying all affected customers and will provide necessary support if needed.

(ix) In the case of an early site permit, the entities to whom an early site permit was transferred.

Not applicable