



Brian Martin
Quality Assurance Manager
PENTAIR VALVES & CONTROLS
508-594-4463 (direct)
508-594-4249 (fax)
508-298-4603 (mobile)
Brian.Martin@Pentair.com
Mansfield, MA 02048
www.pentair.com

May 8, 2014

VIA REGULAR MAIL:
U.S. Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555-0001

VIA OVERNIGHT DELIVERY:
U.S. Nuclear Regulatory Commission
11555 Rockville Pike
Rockville, MD 20852-2746

Subject: Interim Report -10CFR 21 Evaluation Regarding Potential Deficiencies in ASME Code Required Valve and Component Testing

The purpose of this letter is to provide the NRC a report in general conformity to the requirements of 10CFR 21 Part 21.21 (a) (2).

This report is a result of an evaluation of a deviation in components that have been delivered to nuclear power plant customers.

This report is to inform the NRC of the 10CFR 21 evaluation and the results of that evaluation to date. Pentair Valves and Controls US LP, dba Anderson Greenwood Crosby is notifying the NRC of these results as well as affected licensees.

Required information as per 10CFR Part 21.21 (d)(4) follows:

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

Brian I. Martin
Quality Assurance Manager
Pentair Valves and Controls US LP, dba Anderson Greenwood Crosby
Mansfield Operations
55 Cabot Blvd
Mansfield, MA 02048

JE19
NRR¹



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

Pentair has identified six valves and four safety related parts associated with valves for which the personnel certification of one individual who performed testing on the components listed below had lapsed. Therefore, the quality of the components listed below is indeterminate. The affected components are as follows:

Parts Order	Customer	Customer Purchase Order	Line Item No.	Item Description	Serial Numbers	Date tested
G64651	Palo Verde NPP	500578646	1	Disc Insert	N91102-NLPN	7-Feb-14
				Disc Insert	N91102-NLPO	7-Feb-14
				Disc Insert	N91102-NLPP	7-Feb-14
				Disc Insert	N91102-NLPQ	7-Feb-14
Valve Orders						
G633300	EFH Corporate Services Commanche Peak NPP	S07796176S2, Rev. 1	2	Safety relief valve	N900299-00-0004	10-Feb-14
					N900299-00-0003	10-Feb-14
					N900299-00-0002	10-Feb-14
					N900299-00-0001	10-Feb-14
G63626	First Energy Corp Davis - Besse NPP	45419456	1	Safety relief valve	N99716-00-0005	4-Feb-14
G64215	Exelon Corp Three Mile Island NPP	80 053318	1	Safety relief valve	N99693-00-0006	6-Feb-14



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

Pentair Valves and Controls US LP, dba Anderson Greenwood Crosby
Mansfield Operations
55 Cabot Blvd
Mansfield, MA 02048

- (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.

During the limited time frame 31 January through 13 February 2014, the personnel qualifications for one of the company's test personnel had lapsed. The components listed under paragraph (ii) above are the only components that had been tested by this individual during this time frame. Because of this condition, the test results are in question; therefore, the quality of the components tested by the individual in question during the time frame identified is indeterminate.

If the test results that were recorded are inaccurate, the associated component could potentially fail to operate as designed.

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

5 March 2014

- (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.

See paragraph (ii) above.

- (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.

Four of the six valves listed in paragraph (ii) above have been returned to Pentair Mansfield to be retested. The customers for the remaining components have been requested to return the components in order to be retested. The components will be retested in order to re-verify that they meet specified design requirements.

Estimated completion date: 30 June 2014



- (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.

None.

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

Not applicable.

If you have any questions or wish to discuss this matter or this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Brian L. Martin". The signature is written in a cursive style with a large, prominent initial "B".

Brian L. Martin
Quality Assurance Manager