



**Consumers  
Power**

**POWERING  
MICHIGAN'S PROGRESS**

General Offices: 1945 West Parnall Road, Jackson, MI 49201 • (517) 788-0550

December 22, 1988

Nuclear Regulatory Commission  
Document Control Desk  
Washington, DC 20555

DOCKET 50-255 - LICENSE DPR-20 - PALISADES PLANT -  
MASONEILAN VALVE PARTS DEFICIENCIES

Attachment 1 provides information on the discovery that some Masoneilan valve parts supplied by Sample-Webtrol Inc. are not genuine. This information, originally submitted to NRC by letter dated October 21, 1988, confirmed the telecon report made to W L Axelson of the Region III staff on October 18, 1988 and thus conformed with the notification criteria of 10CFR21.21(b)(2).

Attachment 2 is being provided as an update to Consumers Power Companys' October 21, 1988 submittal and to confirm telecon reports made to B Burgess of the Region III staff on December 16, 1988 and J J Petrosino of the Division of Reactor Inspection and Safeguards on December 21, 1988. The information contained in this Attachment was derived as the result of corrective measures being taken in response to Consumers Power Companys' submittal of October 21, 1988.

Brian D Johnson  
Staff Licensing Engineer

CC Administrator, Region III, NRC  
NRC Resident Inspector - Palisades

Attachments

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ATTACHMENT 1

Consumers Power Company  
Palisades Plant  
Docket 50-255

MASONEILAN VALVE PARTS DEFICIENCIES

October 21, 1988

2 Pages

OC1288-0246-NL02

MASONEILAN VALVE INTERNALS DEFICIENCY

10CFR21 REPORT

The following information is provided in accordance with 10CFR21.21 when a deficiency is considered to be reportable under Part 21:

1) Name and Address of Individual informing the Commission:

- a. Telecon: DJMalone  
Palisades Plant  
Consumers Power Company
- b. Written: BDJohnson, P24-606  
Consumers Power Company  
1945 W Parnell Road  
Jackson, MI 49201

2) Facility Identification, activity or basic component which fails to comply or contains defects is:

Masoneilan valve internals (parts) procured from Sample - Webtrol Inc for use on the Palisades Nuclear Plant.

3) The firm constructing facility or supplying the basic component which failed to comply or contained defect is:

Sample - Webtrol Inc

4) a. Nature of defect or failure to comply is:

Masoneilan valve internals (parts) procured from Sample - Webtrol as CQ (commercial grade) or non - Q were not genuine Masoneilan parts. Parts were manufactured by CVS Inc and Cor-Val.

b. The safety hazard which was or could be created is:

Parts dedicated for use in basic components may not meet Masoneilan specifications.

5) The date when information of defect or failure to comply was obtained  
is:

Responsible CPCo personnel informed at 0830 on October 17, 1988.

- 6) In the case of a basic component which contains a defect or fails to comply the number and location of all such components in use at, supplied for or being supplied for one or more facilities or activities subject to Part 21.

To date 12 purchase orders for 63 pieces have been identified which were procured from 1983 to 1988 as Masoneilan parts, however, parts were not genuine. 24 of the 63 pieces were purchased CQ and dedicated. 20 pieces (CQ and non-Q) of the original 63 had been issued to work orders. The 6 CQ parts of these 20 may be installed in basic components.

- 7) a. The corrective action planned or taken is:

All suspect material remaining in the warehouse has been pulled and is being controlled. Location of issued material is being identified for disposition or replacement if parts have not yet been replaced. Notified Big Rock Point who is reviewing sample Webtrol purchases orders (3) for suspect valve parts. Primarily all Big Rock Point parts are believed to be genuine Masoneilan parts. Reviewing additional product lines distributed by Sample - Webtrol Inc. for applicability.

- b. The name of the individual/organization responsible is:

John Buechler, Consumers Power is responsible for corrective action.

- c. The length of time required to complete action was or is estimated to be:

Issued material will be dispositioned prior to start-up from our current refueling outage.

Remaining actions are estimated to take approximately 90 days.

- 8) Any advice related to the defect of failure to comply about the facility, activity, or basic component that has been, is being or will be given to purchasers or licensees:

Sample - Webtrol is the authorized Masoneilan distributor for 5 other plants: Big Rock Point, D C Cook, Fermi, Davis-Besse, and Perry.

ATTACHMENT 2

Consumers Power Company  
Palisades Plant  
Docket 50-255

MASONEILAN VALVE PARTS DEFICIENCIES

December 22, 1988

MASONEILAN VALVE INTERNALS DEFICIENCY  
UPDATE

10CFR21 REPORT

The following information is provided in accordance with 10CFR21.21 when a deficiency is considered to be reportable under Part 21:

1) Name and Address of Individual informing the Commission:

a. Telecon: DJMalone  
Palisades Plant  
Consumers Power Company

2) Facility Identification, activity or basic component which fails to comply or contains defects is:

Masoneilan valve internals (parts) procured from Masoneilans' Houston facility and H H Barnum, the previous regional Masoneilan distributor for use on the Palisades Nuclear Plant.

3) The firm constructing facility or supplying the basic component which failed to comply or contained defect is:

Masoneilan Inc

4) a. Nature of defect or failure to comply is:

Masoneilan valve internals (parts) not meeting dimensional manufacturing tolerances.

Valve Pins: Six of 97 pins examined were non-conforming in that they have undersized expanded diameters. Five of these items were supplied by Masoneilans' Houston, Texas facility and the remaining item was supplied from H H Barnum, a previously authorized Masoneilan distributor.

Seat Rings: Seven of 51 seat rings examined were non-conforming regarding manufacturing tolerances. The manufacturer of five of these items has not yet been identified. The two remaining, purchased in 1978, were manufactured by CVS Inc.

b. The safety hazard which was or could be created is:

Parts dedicated for use in basic components may not meet Masoneilan specifications.

- 5) The date when information of defect or failure to comply was obtained is:

Responsible CPCo personnel informed on December 16, 1988.

- 6) In the case of a basic component which contains a defect or fails to comply the number and location of all such components in use at, supplied for or being supplied for one or more facilities or activities subject to Part 21.

All physically identified non-conforming valve parts were in warehouse stock and have been removed from stores. The quantity of parts inspected represents approximately 10 percent of existing Masoneilan warehouse stock.

- 7) The corrective action planned or taken is:

a. Remaining Masoneilan warehouse stock will be inspected to verify conformance with Masoneilan design tolerances.

b. The name of the individual/organization responsible is:

John Buechler, Consumers Power is responsible for corrective action.

c. The length of time required to complete action was or is estimated to be:

Actions are estimated to take approximately 60 days.

- 8) Any advice related to the defect of failure to comply about the facility, activity, or basic component that has been, is being, or will be given to purchasers or licensees:

None at this time.