

82-734-000



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
631 PARK AVENUE
KING OF PRUSSIA, PENNSYLVANIA 19406

NOV 05 1982

MEMORANDUM FOR: R. Spessard, Director, DPRP, RIII
J. Gagliardo, Director, DRRP and EP, RIV

FROM: T. T. Martin, Director, DETP, RI

SUBJECT: PART 21 REPORT OF DEFECTIVE VALVES

Enclosed for your information and action is a 10 CFR 21 report of defective valve components submitted by the Masoneilan Division of the McGraw-Edison Company to Region I. The defective valves are limited to facilities in Regions III and IV.

for Jacques Duran
Thomas T. Martin, Director
Division of Engineering and Technical
Program, Region I

Enclosure: as stated

✓ CC:
Chief, Engineering and Technical Support Branch, IE
Director, Division of Vendor and Technical Programs, RIV

IE 19

MASONEILAN DIVISION
McGraw-Edison Company
63 Nahatan Street
Norwood, MA 02062

TO: U.S. Nuclear Regulatory Commission

DATE: October 28th, 1982

Would appreciate the receiver of this Rapicom/Rapisax to return this sheet (via Rapicom/Rapisax) confirming receipt of the following letter regarding Malfunction of a Safety Related Nuclear Valve. (Page 2 of this Rapicom).

Please send to the attention of Richard A. Whyte,
V.P. - U.S. Operations.

Our Rapicom # is 1/617/770-2593.

Thank you.

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McGraw-Edison
Masoneilan

U. S. Nuclear Regulatory Commission
 Office of Inspection and Enforcement
 631 Park Avenue
 King of Prussia, PA 19406

October 28, 1982

Masoneilan Division
 McGraw-Edison Company
 Norwood, MA 02062, USA

617 782 4800
 Telex: 924610
 Cable: MASONICA

Subject: Malfunction of a Safety Related
 Nuclear Valve

A Masoneilan Service Engineer, responding to a call from Union Electric, Callaway Creek Station, found two valves of a group of four to be inoperative.

The valves are 2" Main Steam Header Warm-up Valves supplied to Bechtel Corporation on Bechtel Order Number 10466-J-601-A, Tag Number O-AB-HV-12, -15, 18 and 21. The valves, Model 38-40421, were manufactured by Masoneilan, at the Norwood, Massachusetts facility, on Masoneilan's Work Orders N-00172-17, N-00172-18, N-00173-17 and N-00173-18. Four valves are installed at the Callaway Creek Station of Union Electric and four at Wolf Creek Station of Kansas Gas and Electric. The defect is limited to the 8 valves at these two stations.

The nature of the defect is a machining error in the valve's main plug allowing a Retaining Ring to shift sideways permitting the Pilot to lift and lock in position preventing tight shut-off of the valve.

Masoneilan related the defect as causing a malfunction of a safety related valve on October 27, 1982.

The errant part, Plug No. 040001-285-781 was manufactured in a lot of 8 pieces solely used on the above listed valves. We are uncertain if all eight have the defect, but are confident it is limited to this manufacturing lot.

Masoneilan is immediately manufacturing 8 replacement plugs, to cover all valves in question, at the Norwood Massachusetts manufacturing facility. The replacement parts will be sent to the sites by November 24, 1982.

This report and our remedial actions are in compliance with Federal Regulation 10CFR21.

Cordially,

Rawl

Richard A. Whyte
 Vice President, U. S. Operation

RAW:mk

Dope
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