

PART 21 IDENTIFICATION NO. 90-240-001 COMPANY NAME Vulcor Eng. Co.,

DATE OF LETTER 7/3/80 DOCKET NO. _____

DATE DISTRIBUTED 7/15/80 ORIGINAL REPORT SUPPLEMENTARY

DISTRIBUTION:

REACTOR (R)

FUEL CYCLE &

SAFEGUARDS (S)

IE FILES
AD/ROI (2)
AD/RCI (2)
REGIONS I,II,III,IV,V
VENDOR BR. R-IV
LOEB / MPA MNB 5715
AEOD MNB 7602
NRP/DOE
NRP/DSI
NRR/DST
NRR/DOL

MATERIALS (M)
IE FILES
AD/FFMSI
REGIONS I,II,III,IV,V
VENDOR BR. R-IV
NMSS / FCMS SS-396
LOEB / MPA MNB 5715
AEOD MNB 7602

IE FILES
AD/SG
AD/ROI
REGIONS I,II,III,IV,V
VENDOR BR. R-IV
NRR/DOL
NMSS / SG SS-881
LOEB / MPA MNB 5715
AEOD MNB 7602

CENTRAL FILES 016
CENTRAL FILES (CHRON)
PDR
LPDR
TERA

CENTRAL FILES 016
CENTRAL FILES (CHRON)
PDR
LPDR
TERA

CENTRAL FILES 016
CENTRAL FILES (CHRON)
CENTRAL FILES SS-396
PDR
LPDR
TERA

ACTION:

PRELIMINARY EVALUATION OF THE ATTACHED REPORT INDICATES LEAD RESPONSIBILITY FOR FOLLOWUP AS SHOWN BELOW:

IE NRR NMSS OTHER

RCI
ROI
SG
FFMSI

VALCOR ENGINEERING CORPORATION

365 CARNEGIE AVENUE, KENILWORTH, N. J. 07033 • (201) 245-1665
TWX 710-996-5976 • CABLE: VALCOR

July 3, 1980

80-240-001

U.S. Nuclear Regulatory Commission
Washington, D. C. 20555

Attention: Director
Office of Inspection and Enforcement

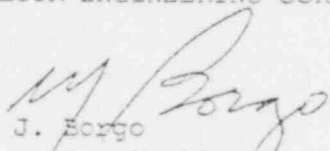
Re: Valcor Engineering Corp. TWX to NRC dated 6/27/80

Gentlemen:

Valcor is submitting the attached report, as required by 10CFR21.
If there are any questions, please contact the writer.

Very truly yours,

VALCOR ENGINEERING CORPORATION


G. J. Borgo
Director, Quality Assurance

GB:mbs
Attachment
cc: Duke Power Company



VALCOR ENGINEERING CORPORATION

2 LAWRENCE ROAD, SPRINGFIELD, NEW JERSEY 07081, U.S.A. • (201) 467-8400

TWX 710-996-5976 • CABLE: VALCOR

QUALITY ASSURANCE REPORT

SUBJECT: NRC 10CFR21 Reporting

Reference: Valcor TWX to NRC dated 6/27/80

1. On June 27, 1980, the Duke Power Company advised that a failure to actuate valve Part No. V52600-554-1 affects a safety-related system. It was reported that this valve failed to cycle immediately following a sustained period of continuous energization. Valcor advised Duke that the valve was not designed to meet this operating condition.
2. The Duke Power Company indicated that the above part was installed in McGuire Nuclear Station Nos. 1 and 2 as part of the Diesel Generator Control Air Solenoid Valve System providing instrument air to the Diesel System. Eight valves are involved, reference 3b below.
Valve failure to actuate could impair function of the Diesel Generator which provides power to safety-related electrical components.
3. Valcor has reviewed its records and determined that this potential problem is isolated to the following valves shipped to the Duke Power Company for McGuire Nuclear Station Nos. 1 and 2:

	<u>Customer P.O. No.</u>	<u>Customer List Part No.</u>	<u>Quantity</u>	<u>Serial No.</u>	<u>Date Completed</u>
a.	C45389 (N12145)	04D-050 (V52600-570-1)	22	1 to 22	10-76
b.	C45389 (N12145)	04D-052 (V52600-554-1)	8	1 to 8	10-76
c.	C45389 (N13163D)	04D-053 (V52600-555-2)	3	10, 11, 12	5-78
d.	C45389 (N12145)	04D-053 (V52600-555-2)	8	1 to 8	10-76
e.	C45389 (N13163)	04D-054 (V52600-5542-1)	6	1 to 6	2-78
f.	C45389 (N13163C)	04D-055 (V52600-5542-2)	4	1 to 4	3-78
g.	C45389 (N13163C)	04D-056 (V52600-5551-1)	6	1,7,8,12,13	5-79
h.	C45389 (N13163C)	04D-057 (V57300-5220-1)	17	1 to 17	5-79

4. Subject to a requirement for immediate cycling following continuous energization, Valcor recommends that valves be upgraded by replacement of internal bonnet assembly parts. Installed valves will require pressure shutdown. Valcor has commenced preparation of modification instructions and will report to Duke Power by July 14, 1980.