



Consumers
Power
Company

James W Cook

Vice President - Projects, Engineering
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April 24, 1981

81-01 #2

Mr J G Keppler, Regional Director
Office of Inspection & Enforcement
US Nuclear Regulatory Commission
Region III
799 Roosevelt Road
Glen Ellyn, IL 60137

MIDLAND PROJECT
DOCKET NOS 50-329, 50-330
UNDERRATED TERMINAL STRIPS ON LIMITORQUE VALVE OPERATORS
FILE: 0.4.9.47 UFI: 73*10*01, 40*10 SERIAL: 11976

Reference: Letter to J G Keppler from J W Cook, same subject,
Serial 11190, dated February 13, 1981

This letter, as was the referenced letter, is an interim 50.55(e) report
concerning the terminal strip voltage ratings on Limitorque valve operators.
Enclosure (1) provides a status of the planned corrective actions.

Another report, either interim or final, will be sent on or before July 8,
1981.

JLW/lr

Enclosure: (1) MCAR-46, Interim Report #2, dated April 10, 1981 -
"Underrated Terminal Strips on Limitorque Valve
Operators"

CC: Director, Office of Inspection & Enforcement
Att Mr Victor Stello, USNRC (15)

Director, Office of Management
Information & Program Control, USNRC (1)

RJCook, USNRC Resident Inspector
Midland Nuclear Plant (1)



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Serial 11976

81-01 #2

CC: CBechhoefer, ASLB Panel
RSDecker, ASLB Panel
FPCowan, ASLB Panel
AS&L Appeal Panel
MMCherry, Esq
MSinclair
CRStephens, USNRC
WDPaton, Esq, USNRC
FJKelly, Esq, Attorney General
SHFreeman, Esq, Asst Attorney General
GTTaylor, Esq, Asst Attorney General
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GJMerritt, Esq, TNK&J

Bechtel Associates Professional Corporation

026814

SUBJECT: MCAR 46 (issued 1/15/81)
Underrated Terminal Strips on Limitorque Valve Operators

INTERIM REPORT 2

DATE: April 10, 1981

PROJECT: Consumers Power Company
Midland Plant Units 1 and 2
Bechtel Job 7220

Status of Corrective Action and Investigation

The status of actions in progress for resolving the subject MCAR is as follows.

1. Henry Pratt Co. has been requested to provide Bechtel with the following information with supporting documents from Limitorque Co., justifying the use of Marathon 300 Series terminal block.
 - a. Actual test records for the Marathon 300 Series terminal block which established that this block is suitable for 460 V operation
 - b. Identification and rating of the terminal blocks (manufacturer, model number) Limitorque is currently using for terminating the leads for the 460 V motor
 - c. Basis for upgrading the Marathon 100 Series terminal block from 150 to 250 V rating.
 - d. Identification of all types of terminal blocks (manufacturer's model number, voltage rating and specific method of identifying one type from another) which Limitorque may have used and also the acceptance criteria used to determine their suitability for the intended function
2. Seven vendors (covering 11 different orders of the Q-listed valves with Limitorque operators) have been informed that several Limitorque operators with underrated terminal blocks, which were supplied under one of our purchase orders, have been located in safety-related systems. This condition has been reported by Consumers Power Company to the NRC under 10 CFR 50.55(e). All vendors have been apprised of their legal and contractual reporting obligations under 10 CFR 21.
3. All seven vendors including Henry Pratt Co., have been requested to arrange for an inspection of their operators. One-hundred percent of the valves from Henry Pratt Co. on Purchase Order 7220-M-132(Q) are to be inspected. On the rest of the Q-listed orders, the inspection will be conducted by a random sampling program. If an underrated terminal block is located, an inspection of 100% of all orders (Q-listed and non-Q-listed) will be performed.

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4. Bechtel supplier quality representatives have been instructed in and provided with the guidelines for the terminal block inspection of any unshipped Limitorque operators to be inspected at the vendor's shop.

Our next report on this subject will be issued by June 19, 1981. At that time, results of the completed inspections should be available and a schedule for those remaining could be established.

Submitted by:

OK Anderson

Approved by:

William J. For LHC 275

Concurrence by:

Erq Bailey