

PHILADELPHIA ELECTRIC COMPANY

2301 MARKET STREET

P.O. BOX 8699

PHILADELPHIA, PA. 19101

(215) 841-4502

JUN 1 1983

JOHN S. KEMPER
VICE-PRESIDENT
ENGINEERING AND RESEARCH

Mr. Thomas E. Murley, Director
Office of Inspection and Enforcement Region I
United States Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, PA 19406

Subject: Significant Deficiency Report No. 80
MCC Powers HVAC Control Panels
Limerick Generating Station, Units 1 & 2

Attachment: Letter MCC Powers to USNRC dated April 18, 1983

File: QUAL 2-10-2 (SDR #80)

Dear Mr. Murley:

The attached letter has brought to our attention a deficiency in the MCC Powers HVAC Control Panels concerning damaged insulation on shielded multiconductor cable. This deficiency has been previously reported to the USNRC under the provisions of 10CFR, Part 21.

We consider the deficiency described in the attachment as a significant deficiency per 10CFR50.55(e) and are hereby notifying you as required.

We believe that the MCC Powers report submitted under the provisions of 10CFR, Part 21 provides the information required for 10CFR50.55(e) reporting. In addition, the rework recommended by MCC Powers has now been completed on the Limerick panels. Consequently, we anticipate that this letter will be our only report to you on this subject.

Sincerely,

John S. Kemper

Copy to: Director of Inspection and Enforcement
United States Nuclear Regulatory Commission
Washington, DC 20555

S. K. Chaudhary, USNRC Resident Inspector

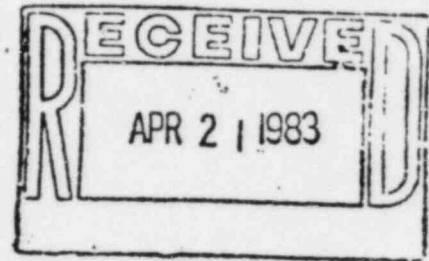
8306280417 830601
PDR ADOCK 05000352
S PDR

IE27
11

MCC POWERS

professionals
in energy
management

F208866



April 18, 1983

Nuclear Regulatory Commission
Office of Inspection and Enforcement
Washington, DC 20555

Attention: Director, Office of Inspection and Enforcement

Subject: Title 10 Code of Federal Regulations Part 21

Gentlemen:

MCC Powers has determined that a construction defect exists regarding shielded multiconductor cable installation in NSR HVAC Control Panels supplied by MCC Powers. See attached list.

During the installation of this cable, when the exterior covering was removed, the insulation of various separate conductors has been damaged due to cutting too deeply into the covering material. The damaged insulation may possibly cause a loss of or reduced output of signal from the associated instruments if the wiring were subjected continuously to a high moisture atmosphere, therefore should be repaired or reworked.

The information that the defect does exist at the LaSalle Station was obtained on April 15, 1983 and verbally transmitted to Mr. Harvey Westcott of the NRC Region Three office the same day.

MCC Powers has had all of the suspect panels inspected and is in the process of issuing NCR's for the applicable sites. MCC Powers is currently engaged in construction at the Limerick and Clinton sites and has informed all applicable site construction Quality Assurance Managers of the problem.

MCC Powers is recommending that if sufficient excess cable is available in the panel that the defect be removed and the cable be reterminated. If there is insufficient cable available then a Ray Chem type WCSF-N shrink-on insulating material is to be installed over the defect. This material is qualified by the Manufacturer to IEEE-323-1974 and IEEE-384-1974.

As a third alternative, a replacement of the affected cable may be accomplished.

dup
8305120484

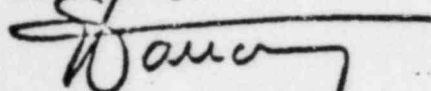
File #	1440240
Date	4-18-83
By	AW
Remarks	11 boxes of cable
Responsible	K. Louch
Next Doc closes	

MCC POWERS A UNIT OF MARK CONTROLS CORPORATION
5440 West Fargo Ave., Skokie, IL 60077, (312) 677-9500

SAW *AW*

As any additional information is developed, MCC Powers will advise all addressees.

Sincerely,



Guy Fauconneau
Vice President

SLC
encl

cc: J. Keppler - NRC Region 3
T. Quaka - CECO LaSalle
M. Byers - Baldwin Associates Clinton

~~_____~~
A. W. Mahlum
R. A. Neary
J. A. Harmon
W. A. Roberts
R. N. Miller
J. Stefanik
R. Althof
C. Meece
D. Erickson

ENCLOSURE

F208866

April 18, 1983
Nuclear Regulatory Commission

<u>FACILITY</u>	<u>PANEL</u>
LaSalle Nuclear Station, Unit 1	1PL24J
Clinton Nuclear Station	0PL39JA
	0PL39JB
	1PL43JA
	1PL53JA
	1PL53JB
	1PL53JC
	1PL54JA
	1PL54JC
	1PL61JB
	1PL65JA
	1PL65JB
	1PL65JC
	1PL68JA
Limerick Generating Station	0CC101
	0DC101
	0AC124
	0BC124
	0CC124
	10C207
	1BC208
	1CC208
	1DC208
	0AC588
	0BC588
	1AC253
	1BC253
	0AC254
	0BC254
	10C234