

MCC POWERS

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MCC POWERS

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.

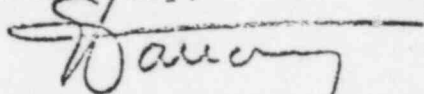
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MCC POWERS A UNIT OF MARK CONTROLS CORPORATION
10 West Fargo Ave., Skokie, IL 60077, (312) 677-9580

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Director, Office of Inspection and Enforcement

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 - CEC Co LaSalle
M. Byers - Baldwin Associates Clinton
T. M. Gwin - B.P.C. Limerick
A. W. Mahlum
R. A. Neary
J. A. Harmon
W. A. Roberts
R. N. Miller
J. Stefanik
R. Althof
C. Meece
D. Erickson

ENCLOSURE

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