Telemecanique

DRS Information.
Bettenhausen
DURR
50-341

3-4-86

February 25, 1986

U.S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, Pennsylvania 19406

Attention: Mr. Alan Finkel, Reactor Engineering
Plant Systems Section

Subject: Report Detailing Failure of Telemecanique
NEMA Size 5 Contactor, Cat. #A103G12
Pursuant to 10 CFR 21 Para. 21.21 (b).(3)

Dear Mr. Finkel:

On January 16, 1986 the Rocketdyne Division of Rockwell International notified Telemecanique Inc. that during assembly performed by Rocketdyne, two carrier assemblies from NEMA Size 5 Contactor #A103G12 had been found broken preventing proper closing of the contactor. This breakage was following a similar pattern as the one previously reported by Rocketdyne in July 1985. At that time, Telemecanique could not find any particular reason for the breakage of the device.

Following the January report, mechanical and electrical testing by Telemecanique Inc. led to the conclusion that the breakage could only be duplicated by dropping the device in its shipping carton. After modification of the packaging (addition of a cushioning material) the breakage could not be duplicated.

As a result, packaging for all NEMA Size 5 contactors and starters has been modified, as of February 5, 1986.

All equipment installed, or still in their shipping cartons at Rocketdyne, has been inspected.

Telemecanique Inc. has researched their shipment files for possible shipments of loose starters or contactors to nuclear sites. One shipment of three contactors Cat. #A103G12 to Detroit Edison, Fermi II, has been identified and this company has beer notified. Telemecanique

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Inc. requested return of the units for inspection if they have not been installed, or inspection by our Field Service Group if installation has been accomplished.

No further action than the above is planned by Telemecanique Inc.

Sincerely,

J. V. Erhardt
Vice President, Operations

JVE/nd