

DMB

Basler Electric Highland, Illinois

PART 21 FOLLOWUP

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RETURN RECEIPT
REQUESTED

February 4, 1987

Mr. Paul Pelke
USNRC
Region #3
Office of Inspection and Enforcement
Glen Ellen, IL 60137

Dear Mr. Pelke:

This letter confirms our plan of action to resolve the cracking o-ring problem on the latch mechanism on the contactors contained in our nuclear exciters. This plan was reported verbally on December 16, 1986.

Our contactor vendor, Sprecher and Schuh (S & S), has changed the o-ring material to Viton E60C. Although they do not have a history of this problem, they feel this material will improve the reliability of the latch mechanism. This material has more favorable specifications as compared with the previous o-rings. The new o-rings are green in color. Basler Electric has contacted our qualification lab for an analysis of this material. They report that Viton E60C has a life expectancy which greatly exceeds the qualified life goal of 40 years for our service conditions.

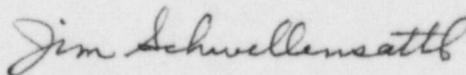
S & S has implemented a replacement program. They will supply four new contactors to Basler Electric. Basler Electric will forward them to Fairbanks Morse for installation at Hope Creek or Shoreham nuclear power plants. Then, four contactors will be returned to S & S to be rebuilt with new o-rings and returned to the power plant in exchange for four more contactors. This will continue until all contactors at Hope Creek and Shoreham have been rebuilt.

These contactors are in nuclear power plants in Taiwan and Korea. The same program will be implemented with Imo Delaval and the Taiwan and Korea power plants.

Fairbanks Morse and Imo Delaval have been notified of the program. The first replacement contactors are scheduled to be at Basler on February 6, 1987.

Sincerely,

BASLER ELECTRIC COMPANY



Jim Schwellensattl
Engineering Assistant

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JS/ra
cc: George Olson, Fairbanks Morse
Bruce Guntrum, Imo Delaval
Ed Leird, Basler Electric
Lou Meissner, Basler Electric

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