



**PUBLIC
SERVICE
INDIANA**

S. W. Shields
Senior Vice President
Nuclear Division

May 7, 1982
S81-10
SVP-0003-82

Mr. James G. Keppler,
Regional Administrator
U.S. Nuclear Regulatory Commission
Region III
799 Roosevelt Road
Glen Ellyn, Illinois 60137

Docket Nos.: STN 50-546
STN 50-547
Construction Permit Nos.:
CPPR - 170
CPPR - 171

Marble Hill Nuclear Generating Station - Units 1 and 2

Dear Mr. Keppler:

On July 24, 1981, Mr. T. D. Geib of Public Service Company of Indiana, Inc. (PSI) notified your office of a potentially reportable item as required by 10 CFR 50.55(e). An inspection of Limitorque valve motor operators revealed that an underrated terminal block had been installed in several of the operators. Further investigation determined that this terminal block, Marathon 300 series, had originally been rated for the specified service conditions of 600 volts and 30 amps, but had been subsequently derated to 300 volts and 30 amps.

Further investigation by PSI's architect-engineer, Sargent & Lundy, revealed that 480 volt motor leads in these motor operated valves were only temporarily terminated at terminal blocks. These leads are normally connected directly to field power cable when installed by the electrical contractor. No corrective action is therefore required for the subject valve operators.

Sargent & Lundy has also surveyed Marble Hill project specifications that identify Marathon 300 series blocks for their possible use by other suppliers for applications greater than 300 volts and 30 amps. This survey determined that safety related equipment suppliers used these blocks for 120 volt control service, less than the revised lower rating, or did not use them at all. As a further precaution, equipment specifications are being revised to eliminate the use of the subject block for greater than 300 volt, 30 amp service conditions.

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Since the Marathon 300 series terminal block has not been used in any application more severe than its revised lower rating, it would not have affected adversely the safe operation of the plant. This item is therefore not reportable under 10 CFR 50.55(e). If you have any questions on this matter, please feel free to contact me.

Sincerely,

A handwritten signature in dark ink, appearing to read 'S. W. Shields', with a stylized flourish below it.

S. W. Shields

SWS/TDG/kdh

cc: Director of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555
J. E. Konklin
B. L. Doolittle
J. J. Harrison