



**PUBLIC
SERVICE
INDIANA**

S. W. Shields
Senior Vice President -
Nuclear Division

April 14, 1983
S82-13
SVP-0021-83

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 June 2, 1982, Mr. R. H. Porter of Public Service Company of Indiana, Inc. (PSI) notified your office of a potentially reportable item as required by 10 CFR 50.55(e). Colt Industries issued a report under 10 CFR 21 which identified certain thermostatic valves with a potential failure mode which might cause overcooling of their emergency diesel generators.

The failure mode of the thermostatic valve is a loose nut which allows an extended stroke of the valve. This additional stroke causes the thermal assembly to control at a lower temperature thus overcooling the diesel engine. PSI has received the valve manufacturer's, Robertshaw Controls Company, procedure for modifying the affected valves. PSI is now proceeding to acquire the replacement parts and will make the necessary modifications prior to installation of the diesel generators.

This letter is intended to fulfill the requirements of a final report as defined in 10 CFR 50.55(e). If you have any questions regarding this matter, please contact me at your convenience.

Sincerely,

S. W. Shields

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Letter: J. G. Keppler

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cc: Director of Inspection & Enforcement
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

J. E. Konklin
J. F. Schapker