



**PUBLIC
SERVICE
INDIANA**

S. W. Shields
Senior Vice President -
Nuclear Division

August 16, 1983
S82-18
SVP-0115-83

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 August 5, 1982, 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). Westinghouse identified an undetectable failure mode which could exist in on-line testing circuits for their Solid State Protection System (SSPS). This potential failure mode was discussed in detail in PSI's letter to you dated January 14, 1983 (SVP-0001-83). That letter also said that Westinghouse was reviewing alternatives in design changes. Westinghouse has since notified PSI that they have developed a design that eliminates the previously described problem. Westinghouse further stated that the hardware modification is presently being tested and upon successful completion of testing, field kits will be provided to affected plants. Upon receipt of this field kit PSI will ensure that the corrective action is completed.

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

Sincerely,



S. W. Shields

SWS/LGY/bak

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Letter: J. G. Keppler

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

J. E. Konklin
J. F. Schapker