



**PUBLIC  
SERVICE  
INDIANA**

S. W. Shields  
Senior Vice President -  
Nuclear Division

August 15, 1983  
S83-34  
SVP-0116-83

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:

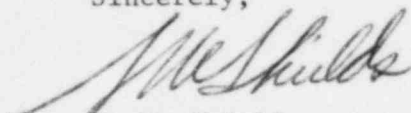
On July 15, 1983, Mr. S. J. Brewer of Public Service Company of Indiana, Inc. (PSI) notified your office of a potentially reportable item as required by 10 CFR 50.55(e). Cracks in welds at stiffeners to box beams in the Unit 2 containment building were discovered after reinspection of the welds. Required visual inspection found the welds acceptable while supplemental magnetic particle examinations detected the cracks. Since the magnetic particle examinations are not required and are not always performed, it is possible that the cracked welds could have gone undetected. Had this condition gone uncorrected, it could have affected adversely the safety of operations of the plant during a seismic event.

PSI is currently working to determine the cause for the cracks and implement corrective action to prevent recurrence. PSI is also determining and implementing repairs to the cracked weld areas.

This letter is intended to fulfill the thirty (30) day reporting requirements of 10 CFR 50.55(e) and is considered an interim report. A further report will be filed on or before October 7, 1983. If you have any questions regarding this matter, please contact me at your convenience.

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PDR ADOCK 05000547  
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Sincerely,



S. W. Shields

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Letter: J. G. Keppler

-2-

August 15, 1983

S83-24

SVP-0116-83

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

J. E. Konklin  
J. F. Schapker