



**PUBLIC  
SERVICE  
INDIANA**

S. W. Shields  
Senior Vice President -  
Nuclear Division

October 15, 1982  
S82-14  
SVP-0049-82

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 June 10, 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). While refurbishing structural steel, it was discovered that several pieces of structural steel had been incorrectly fabricated. The deficiencies involved were out of tolerance edge distance, spacing, and size of bolts holes and excessive weld undercut. These deficiencies had not been discovered previously because they were concealed by connection attachments (clip angles) which had been removed for refurbishing activities.

It was determined that bolt hole size, spacing and edge distance are only of concern for sliding type connections and not friction type connections. Weld undercut is a concern for both types of connections. The steel erector has established procedures to inspect for these deficiencies and when necessary, repair the remaining structural steel prior to its erection. The steel erector is also examining previously erected structural steel to determine if it is affected by these deficiencies.

This letter is intended to fulfill the requirements of an interim report as defined in 10 CFR 50.55(e). A further report will be filed on or before February 10, 1983.

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-2-

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If you have any questions on this report please feel free to contact me.

Sincerely,

A handwritten signature in cursive script that reads "S. W. Shields".

S. W. Shields

SWS/TDG/bak

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

J. E. Konklin  
J. J. Harrison