



**PUBLIC  
SERVICE  
INDIANA**

S. W. Shields  
Senior Vice President  
Nuclear Division

November 19, 1982  
S82-01  
SVP-0053-82

Mr. James G. Keppler  
Regional Administrator  
U. S. Nuclear Regulatory Commission  
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 January 25, 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). Review of the Nuclear Steam Supply System (NSSS) support steel document packages supplied by Lakeside Bridge and Steel Co. revealed that records were missing from several packages and the quality of the affected supports was therefore indeterminate.

PSI conducted a review of NSSS support steel document packages and retrieved many of the missing records from files at Lakeside Bridge and Steel's shop. Review of certain retrieved radiographic records necessitated the weld repair of three pieces of support steel that had been delivered to the site. Had those pieces requiring repair remained uncorrected, their ability to support the NSSS during a design basis event may have been impaired.

In the last interim report dated July 2, 1982, PSI identified 307 weld seams which did not have all the required records of Nondestructive Examination (NDE). Ten additional weld seams have since been identified for a total of 317. Of the 317, 283 involved the sequencing of surface examination of weld seams in A-588 material. Section III of the ASME Code allows materials designated as P-No. 1 to be examined before or after post weld heat treatment (PWHT). Code Case 1644-2 authorized use of A-588 material but did not provide a P-No. classification. It was determined by the owner, architect engineer and Lakeside Bridge and Steel Co. that A-588 material should be treated as a P-No. 1 material. Surface examination was therefore performed prior to PWHT. A later revision of the Code Case (1644-9) identified A-588 as equivalent to a P-No. 3 material. This later designation resulted in the identification of 283 weld seams as not having records of surface examination after PWHT. Subsequent to the July 2, 1982, interim report, PSI's Authorized Inspection Agency advised PSI that the later Code Case is not binding on material fabricated before

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its issuance and that the surface examination performed prior to PWHT is acceptable and meets Code requirements.

Of the remaining 34 weld seams, 30 involved missing records of Code required Ultrasonic testing. Of the 30, 27 were successfully examined on site and adequate documentation has been submitted for three seams which indicates all inspections were completed.

The final four seams involved missing surface examinations which were successfully examined on site.

No further corrective action by Lakeside Bridge and Steel will be necessary since furnishing of the NSSS Support Steel is complete.

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 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 Enforcement  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

J. E. Konklin  
J. J. Harrison