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UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION III
799 ROOSEVELT ROAD
GLEN ELLYN, ILLINOIS 60137

JUL 31 1980

Docket No. 50-546
Docket No. 50-547

Public Service of Indiana
ATTN: Mr. S. W. Shields
Senior Vice President -
Nuclear Division
P. O. Box 190
New WAshington, IN 47162

Gentlemen:

Thank you for your interim report dated July 24, 1980, pursuant to 10 CFR 50.55(e) g reinforcing steel installation which does not meet spec[illegible]on requirements. We will review your final report on this matter upon receipt.

Your cooperation with us is appreciated.

Sincerely,

for D. H. Danielson
Gaston Fiorelli, Chief
Reactor Construction and
Engineering Support Branch

cc: Director, RCI/II
Director AEQD
Chief, OEB/MPA
IE Files
Mr. G. N. Brown, Project
Director

cc w/ltr dtd 7/24/80:
C. Kammerer, CA
H. Thornburg, IE
Central Files
PDR
Local PDR
NSIC
LeBoeuf, Lamb, Leiby & MacRae
Mr. Dave Martin, Office of
Attorney General
Mr. John R. Galloway, Staff
Director, Environment, Energy
and Natural Resources Subcommittee

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Fiorelli

PUBLIC
SERVICE
INDIANA

S. W. Shields
Senior Vice President -
Nuclear Division

July 24, 1980

Mr. James G. Keppler, Director
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 27, 1980, 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). Results of reinforcing steel inspections performed during the Construction Verification Program in accordance with SPP-2 have shown that there are instances where reinforcing steel installation does not meet specification requirements. These instances occur in the generic areas of clear cover, member thickness, size of reinforcing bar, number of bars and bar spacing.

For those reinforced concrete elements affected by the above items an engineering evaluation will be performed to determine if the element can resist the design basis loads in its present condition. For those reinforced concrete elements where a concern does exist, the following corrective actions will be carried out to mitigate such concerns:

1. Concrete Cover

   a) Too much cover - (affects effective depth) - add extra bars by drilling and grouting.

   b) Not enough cover - (affects corrosion resistance, fire protection and bond) - gunite surface to insure cover locally.

2. Member Thickness

   Drill and grout extra bars to offset reduction in member strength.

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P.O. Box 190, New Washington, Indiana 47162 812 .. 293 . 4441

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3. Rebar Size

   Drill and grout extra bars to offset reduction in member strength.

4. Number of Bars

   Drill and grout extra bars to offset the reduction in member strength.

5. Bar Spacing

   (Concern only exists when required number of bars is deficient) Drill and grout extra bars to offset the reduction of member strength.

A more detailed description of these concerns and corrective actions will be available as part of the report on the Construction Verification Program in the near future.

This letter is intended to fulfill the requirements of an interim report as defined in 10 CFR 50.55(e). A final report will be submitted on or before September 11, 1980. If you have any questions on this report please feel free to contact me.

Sincerely,

S. W. Shields

TDG/cg

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

E. R. Schweibinz, P. E.
J. J. Harrison