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PUBLIC
SERVICE
INDIANA

S. W. Shields
Vice President - Electric System

79-146-000 (R)

POOR ORIGINAL

August 7, 1979

Mr. James G. Keppler, Director
U.S. Nuclear Regulatory Commission
Region III
799 Roosevelt Road
Glen Ellyn, Illinois 60137

Docket Nos:

Construction Permit Nos.:

STN 50-546
STN 50-547
CPPR-170
CPPR-171

Marble Hill Nuclear Generating Station
Units 1 & 2

Dear Mr. Keppler:

Pursuant to 10CFR21.21(a)(2)(ii) Public Service Company of Indiana, Inc. (PSI) hereby informs you of a basic component of the Marble Hill Nuclear Generating Station which contains a defect. The explanation and labeling below follows commission guidance given in 10CFR21.21(b)(3):

- i.) S. W. Shields
Vice President - Electric System
1000 East Main Street
Plainfield, Indiana 46168
- ii.) Marble Hill Nuclear Generating Station, Units 1 & 2
Containment Polar Cranes Coating
- iii.) Harnischfeger
P.O. Box 554
Milwaukee, Wisconsin 53201
- iv.) Potential delamination of Carbozinc 11/Phenoline coating system on the polar cranes due to overspray and dryspray of the Carbozinc 11 prime coat. It can be very conservatively assumed that delamination could cause paint flakes to be released from the crane. If these flakes were large enough, they could clog the reactor containment sumps or the nozzles of the containment spray headers in the dome of the containment.

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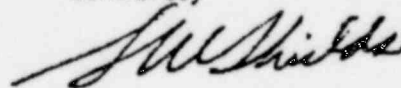
iv.) (Cont'd)

The cranes for both units had been shipped from the manufacturer and accepted at the construction site in the reported condition. Earlier acceptance of the coating has been revoked after an inspection by the coating manufacturer, Carboline.

- v.) Information was received by the Safety Review Committee on August 1, 1979. Your office was notified by telephone on August 2, 1979.
- vi.) One containment polar crane is provided for each unit at Marble Hill.
- vii.) The cranes will be blasted to remove the present prime coat of Carbozinc 11, and reprimed with Carbozinc 11. This work will be accomplished at the construction site by the field coating contractor, J. L. Manta. His work should be complete prior to August 30, 1979, for the Unit 1 crane. The Unit 2 crane will be blasted and reprimed prior to erection in the Unit 2 containment.
- viii.) PSI has not planned to give any advise related to this defect to purchasers or licensees.

If you have any questions concerning this matter, please contact me.

Sincerely



S. W. Shields

Vice President - Electric System

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

E. R. Schweibinz, P.E.
Harnischfeger
Carboline

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