



PUBLIC  
SERVICE  
INDIANA

S. W. Shields  
Vice President - Electric System

79-146-001  
POOR ORIGINAL

0831790022  
August 30, 1979

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.:  
CPPK-170  
CPPR-171

Marble Hill Nuclear Generating Station  
Units 1 & 2

Dear Mr. Keppler:

Pursuant to a telephone conversation of August 22, 1979 with your Mr. E. R. Schweibinz, Public Service Company of Indiana, Inc. (PSI) wishes to inform you on the present status of the previously reported 10CFR21 incident regarding the prime coating on PSI's polar crane.

A potential defect in the applied Carbo-Zinc 11 primer on the containment building polar cranes, which are being supplied by the Harnischfeger Corporation, was discovered by PSI. PSI then requested our architect-engineer to evaluate the surface finish of the Carbo-Zinc 11 primer. Our architect-engineer subsequently requested the assistance of the coating material manufacturer, the Carboline Company.

Carboline indicated that the Carbo-Zinc 11 application did not meet their recommendations and, although the adhesion of this coating was adequate, the existence of dry spray and overspray created doubt that the applied film would have sufficient integrity to support the Phenoline 305 finish coat, which has not yet been applied, for any extended length of time.

Potential delamination of the Carbo-Zinc 11/Phenoline coating system could cause paint flakes to be released from the cranes. If these flakes were large enough and of sufficient quantity, they could clog the reactor containment building sumps or the nozzles of the containment spray headers.

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 Earlier acceptance of the coating has been revoked after an inspection by Carboline.

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Mr. James G. Keppler, Director

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**POOR ORIGINAL**

The cranes will be blasted to remove the present prime coat of Carbo-Zinc 11 and then reprimed. This work will be accomplished at the construction site by the field coating work contractor. In our August 7, 1979 letter, PSI stated that the above work would be completed by August 30, 1979 for the Unit 1 crane. However, due to the recent suspension of all safety-related work at the Marble Hill site, PSI was unable to meet this date. Such work will be performed once safety-related work is resumed at the Marble Hill site.

As stated previously, the above was evaluated as a 10CFR21 reportable incident. This letter also meets the requirements for an interim report as specified in 10CFR50.55(e)(3). A final report will be filed when the repair work is completed.

Sincerely,

S. W. Shields

PAB:jb

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

E. R. Schweibinz, P.E.

1051 271

ATTACHED IS A PART 21 REPORT FROM IE MAIL UNIT - ROOM 359E/M

PART 21 IDENTIFICATION NO. 79-146-000 and <sup>79-146-001</sup> COMPANY NAME Public Service of

DATE OF LETTER 8/7 + 8/30 DOCKET NO. 50-546, 50-547 Indiana

DATE DISTRIBUTED 9/5/79 ORIGINAL REPORT  SUPPLEMENTARY

DISTRIBUTION:

**POOR ORIGINAL**

REACTOR(R)

FUEL CYCLE &

SAFEGUARDS(S)

MATERIALS(M)

NRR/DOR, DIRECTOR

AD/FFMSI

AD/SG-IE

NRR/DPM DIRECTOR

NMSS/FCMS

AD/ROI

AD/ROI ( 2 )

REGIONS

REGIONS

AD/RCI

IE FILES

NRR/DOR, DIRECTOR

REGIONS

PDR

NMSS/SG SS-881

IE FILES (2)

LPDR

PDR

CENTRAL FILES

CENTRAL FILES-SS-396

LPDR

CENTRAL FILES (CHRON)

CENTRAL FILES(CHRON)  
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TERA

PDR

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IE FILES (2)

LPDR

BOB DENNIG, MPA

CENTRAL FILES 016

TERA

CENTRAL FILES (CHRON)

BOB DENNIG, MPA

CENTRAL FILES - SS-396

BOB DENNIG, MPA

ACTION:

PRELIMINARY EVALUATION OF THE ATTACHED REPORT INDICATES LEAD RESPONSIBILITY FOR FOLLOW-UP AS SHOWN BELOW:

IE

NRR

NMSS

OTHER

RCI

ROI

SG

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REV. 3/5/79