



**PUBLIC
SERVICE
INDIANA**

S. W. Shields
Senior Vice President
Nuclear Division

December 14, 1983
SVP-0201-83

James G. Keppler
Regional Administrator
U. S. Nuclear Regulatory Commission
Region III
799 Roosevelt Road
Glen Ellyn, IL 60137

Docket No.: STN-50-546
STN-50-547

Const. Permit Nos.: CPPR-170
CPPR-171

MARBLE HILL NUCLEAR GENERATING STATION, UNITS 1 AND 2

Dear Mr. Keppler:

This is in response to Nuclear Regulatory Commission's (NRC) Inspection Report Numbers 50-546/83-19 and 50-547/83-20 dated November 17, 1983. The report identified one item of noncompliance to which the following is addressed:

A. Description of Violation

10CFR50, Appendix B, Criterion XIII states in part, "Measures shall be established to control the handling, storage, shipping, cleaning, and preservation of material and equipment in accordance with work and inspection instructions to prevent damage or deterioration."

Marble Hill PSAR Chapter 17 dated June 1983, Section 1.13 states in part, "PSI has delegated the handling, storage, shipping, cleaning, and preservation of material and equipment to contractors and suppliers where not performed by PSI. Organizations performing handling or shipping activities shall develop work and inspection instructions or procedures for accomplishing these activities. Instructions or procedures so developed by contractor and suppliers are reviewed and accepted by PSI or its designated agent."

Contrary to the above, the licensee failed to assure that the responsible contractor's instructions and procedures adequately identified all material included in the storage preservation and inspection program. This resulted in the degradation of the diesel generator mounting bolts in Unit One Auxiliary Building.

B. Corrective Action Taken and Results Achieved

The Civil/Structural Contractor had procured the diesel generator mounting bolts under its own Quality Assurance Program requirements,

8401130301 840109
PDR ADOCK 05000546
G PDR

DEC 19 1983



TO: James G. Keppler 2
RE: NRC's Inspection Report Numbers
50-546/83-19 and 50-547/83-20

December 14, 1983
SVP-0201-83

and was further charged with the responsibility for performing storage preservation and maintenance activities for items under its control.

The Civil/Structural Contractor had identified the nonconforming conditions on the following nonconformance documents:

Newberg NCR 6897	Newberg CAR 432
6898	
6990	
6999	

Newberg initiated Corrective Action Request (CAR) 432 on October 28, 1983 which identified that periodic maintenance was not performed on material because of inadequate material identification in the periodic maintenance program. The corrective action was to develop a system identifying materials which accounts for each item requiring periodic maintenance and revise procedures to identify this system.

An evaluation was made to determine what additional material is not adequately identified in the storage and maintenance program. The evaluation indicated that anchor bolts and anchor bolt nuts welded to embedded plates at the base of a sleeve are the only items that require corrective actions as a result of the CAR.

The CAR referenced the four Nonconformance Reports (NCRs) (6897, 6898, 6900 and 6999) for corrective action to inspect, rework and repair the anchor bolts and their grouting locations.

Additionally, a map identifying all in-place anchor bolts requiring periodic maintenance by Newberg shall be prepared by the Newberg Material Control Department. An inspection of these anchor bolt threads shall be performed, as required, to identify unacceptable items.

Additionally, the in-place anchor nuts shall also be identified on a map prepared by the Newberg Material Control Department. Once all items are identified, an inspection of the threads on the anchor nuts shall be performed, and NCRs shall be generated as required, to identify unacceptable items.

G. Corrective Action Which Has Been or Will Be Taken To Avoid Further Noncompliance

1. Public Service Company of Indiana, Inc. (PSI) shall assure that Newberg shall henceforth use the maps identified above while performing periodic maintenance of in-place anchor bolt threads and anchor nut threads, and shall indicate the status on these maps.



TO: James G. Keppler 3
RE: NRC's Inspection Report Numbers
50-546/83-19 and 50-547/83-20

December 14, 1983
SVP-0201-83

2. The applicable Newberg generated Storage and Maintenance Instructions shall be reviewed and updated to require use of the location map.
3. Newberg procedure WPN-6 shall be revised to require a check of all new Storage and Maintenance Instructions in the future for similar items that would require mapping to assure verification of periodic maintenance.

Additionally, the procedure shall be revised to address transfer of maintenance responsibilities. PSI shall review and approve the procedure to assure incorporation of the identified revision parameters.

4. PSI shall assure that training is administered to the applicable Newberg Material Control personnel in procedure WPN-6 requirements.
5. PSI shall perform surveillance and audits to assure that Newberg performs maintenance as required per their procedures and Storage and Maintenance Instructions.

D. Progress Achieved and Date of Full Compliance

1. All of the Newberg initiated NCRs have been dispositioned, and PSI has approved the corrective action response to the Newberg CAR 432 on December 2, 1983.
2. The scheduled date for achievement of full compliance of the activities identified above is January 31, 1984.

Please advise if you have any questions on the above material.

Sincerely,

A handwritten signature in cursive script, appearing to read 'S. W. Shields'.

S. W. Shields
Senior Vice President-
Nuclear Division

SWS:LJL:sw

cc: J. Schapker (NRC)