

U.S. NUCLEAR REGULATORY COMMISSION
OFFICE OF INSPECTION AND ENFORCEMENT

REGION III

Report Nos. 50-546/81-03; 50-547/81-03

Docket Nos. 50-546; 50-547

License Nos. CPPR-170; CPPR-171

Licensee: Public Service of Indiana
Post Office Box 190
New Washington, IN 47162

Facility Name: Marble Hill Generating Station, Units 1 and 2

Inspection At: Marble Hill Site, Jefferson County, IN

Inspection Conducted: February 1-28, 1981

Inspector: *J. J. Harrison*
J. J. Harrison

2/4/81

Approved By: *W. S. Little*
W. S. Little, Chief
Reactor Projects Section 2C

2/2/81

Inspection Summary

Inspection during the period of February 1-28, 1981 (Report Nos. 50-546/
81-03; 50-547/81-03)

Areas Inspected: Inspection by the IE Regional Resident Inspector of activities at the site to verify that the activities being performed complied with the NRC Confirming Stop Work Order, dated August 15, 1979, and were within the scope of the Graduated Rescission of the order as identified in letters dated July 7, 1980 (authorization for PSI to resume receiving inspection activities), November 13, 1980 (authorization for two firms, Cherne and Commonwealth-Lord JV, to resume receiving inspection activities), and December 5, 1980 (authorization for two firms, Cherne and Commonwealth-Lord JV, to resume construction activities with certain conditions being specified). The inspection also consisted of a review of storage and maintenance activities for safety related items, a review of the PSI receiving inspection activities and construction activities being conducted by the mechanical and electrical contractors. This inspection involved a total of 102 inspector-hours on site by one NRC inspector, including 6 inspector hours onsite during off-shifts.

Results: No items of noncompliance or deviations were identified.

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DETAILS

Principal Persons Contacted

Public Service of Indiana (PSI)

- *S. Shields, Senior Vice President Nuclear Division
- *B. Petro, Project Director
- *L. Ramsett, QA Manager
- *C. Beckham, Manager Quality Engineering
 - D. Janecke, Superintendent Quality Systems
 - J. Roberts, Superintendent Inspection
 - T. Burns, Project Engineering Manager
 - D. Ingmire, Project Engineering Staff - Special Projects
 - R. Keele, Superintendent - Quality Administration
 - B. Morrison, Superintendent - Civil Quality Engineering
- *J. Keys, QA Administrative Assistant

Cherne Contracting Corporation (CCC)

- J. Mortell, Project Manager
- A. Dolgaard, QC Manager
- T. Francis, Principal Engineer

Newberg - Marble Hill (N-MH)

- D. Stegemoller, Vice President - Power Construction
- C. Barbour, Project QA Manager

Westinghouse Electric Corporation

- C. Markham, Site Manager

Authorized Nuclear Inspector (ANI)

- A. Clark, Hartford Steam Boiler (ANI-PSI)
- B. Braden, Hartford Steam Boiler (ANI-Cherne)

*Denotes those present at the exit meetings.

The inspector also contacted and interviewed other licensee and contractor personnel.

Functional or Program Areas Inspected

1. Construction Activities

Inspection of construction activities was performed by the Resident Inspector to assure that work in Category 1 areas was being performed within the scope of the NRC Confirmatory Order dated August 15, 1979 and Graduated Rescission to the Order by NRC letters of July 7, November 13 and December 5, 1980. The activities observed were within this scope. One inspection was conducted during an off-shift period.

No items of noncompliance or deviations were identified.

2. Storage and Preservation of Material and Equipment

The Resident Inspector observed the storage conditions and maintenance activities in laydown areas, warehouses, and interim storage in the Auxiliary and Fuel Handling Buildings, and other storage areas of material and equipment. These inspections were performed to assure compliance with the requirements of ANSI N45.2.2.-Packaging, Shipping, Receiving, Storage and other requirements of the Nuclear Steam System Supplier (Westinghouse) and the Public Service of Indiana's Project Management Manual.

No items of noncompliance or deviations were identified.

3. Receiving Inspection Program

The Resident Inspector observed the ongoing receiving inspection activities being performed in accordance with Project Management Manual Procedure PMP-3.07, Revision 6, dated January 22, 1981 for PSI activities.

No items of noncompliance or deviations were identified.

4. Special Inspections

During this reporting period the Resident Inspector participated in a special inspection of the Newberg - Marble Hill Quality Assurance Program. This inspection was performed to evaluate program adequacy to support receiving inspection and construction activities. Inspection details and results are documented in NRC Inspection Report Number 50-546/80-44 and 50-547/80-44.

Meetings Site Visits

During this reporting period the Resident Inspector participated in the following:

The NRC independent concrete consultants returned to the site February 8 and 10, 1981, to continue their assessment of the adequacy of in-place concrete. This visit included continuing report review, visual inspection and witnessing some additional microseismic testing using the pulse-echo technique. The two consultants, R.C. Hamm and A.L. Parme were accompanied by Dr. M. Cassaro, representing Save The Valley, a public interest group. NRC participants included H. Wong (IE Headquarters), C. Williams, W. Little, and E. Schweibinz (IE, Region III).

Exit Meetings

The Resident Inspector participated in exit meetings conducted on:
February 20, 1981, F. Hawkins, E. Schweibinz, J. Harrison
February 27, 1981, E. Schweibinz, J. Harrison

The Resident Inspector also met with licensee representatives (denoted under Persons Contacted) periodically throughout this reporting period collectively and individually. The inspector summarized the scope and findings for each part of this activity.