

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

REGION III

Report Nos. 50-440/81-04; 50-441/81-04

Docket Nos. 50-440; 50-441

License Nos. CPPR-148; CPPR-149

Licensee: Cleveland Electric Illuminating Company
Post Office Box 5000
Cleveland, OH 44101

Facility Name: Perry Nuclear Power Plant, Units 1 and 2

Inspection At: Perry Site, Perry, OH

Inspection Conducted: February 5, 1981

Inspector: *D. H. Danielson*
for K. D. Ward

2/24/81

Approved By: *D. H. Danielson*
D. H. Danielson, Chief
Materials and Processes Section

2/24/81

Inspection Summary

Inspection on February 5, 1981 (Report Nos. 50-440/81-C4; 50-441/81-04)

Areas Inspected: Preservice inspection (PSI) procedures, work activities, nondestructive examination (NDE) personnel certifications, equipment and weld preparations. The inspection involved a total of seven inspector-hours by one NRC inspector.

Results: No items of noncompliance or deviations were identified.

DETAILS

Persons Contacted

Cleveland Electric Illuminating Company (CEI)

*H. Walls, QE, Senior NDE Level III, Administrator

Gilbert Associates Incorporated (GAI)

J. Gilstrap, CQE

Kaiser Engineers Incorporated KEI)

R. Sheer, CQC, Mechanical

Nuclear Energy Services, Inc. (NES)

R. Bott, Site Manager

The inspector also contacted and interviewed other licensee and contract r employees.

*Denotes those attending the exit interview.

Licensee Action on Previous Inspection Findings

(Open) Unresolved Item 440/80-05, Unit 1, result of Dikker valve radiography.
(Open) Unresolved Item 441/80-05, Unit 2, result of Dikker valve radiography.

The interpretation of radiographs between the licensee and G.E. is a continuing item.

Functional or Program Areas Inspected

Recirculation piping system Loop A 1B33 - weld A4 was observed as the workmanship sample, also welds A10 and B9 were observed as prepared for PSI. It was discussed that the welds would not have sharp edges and how the welds would be blended to the base material. G.E. and Pullman are preparing the welds for PSI.

Peabody Magnaflux Corporation will be performing the radiography (RT) prior to the ultrasonic examinations (UT). It was discussed how important it is to have permanent identification markers of how the welds are RT'd so the RT can correlate with the UT if an indication is found.

NES has the contract to perform the PSI. To date it is not known to what Code and Addenda the PSI will be performed to. The year and addenda will be stated in each procedure.

Ultrasonic, liquid penetrant and visual examinations are the only methods of NDE that may be performed by NES.

NDE personnel certifications will be on site and approved prior to the NDE.

Calibration blocks and instruments will be on site and approved prior to the UT.

No items of noncompliance or deviations were identified.

Exit Interview

The inspector met with Mr. H. Walls (denoted in Persons Contacted paragraph) at the conclusion of the inspection. The inspector summarized the scope and findings of the inspection noted in this report.