

U.S. ATOMIC ENERGY COMMISSION

DIRECTORATE OF REGULATORY OPERATIONS

REGION I

RO Inspection Report No.: 50-286/73-14

Docket No.: 50-286

Licensee: Consolidated Edison Company (Indian Point 3)

License No.: CPPR-62

4 Irving Place

- Priority: _____

New York, New York 10003

Category: B

Location: Buchanan, New York

Type of Licensee: PWR, 1050 MWe (Westinghouse)

Type of Inspection: Routine, Unannounced

Dates of Inspection: December 6-7, 1973

Dates of Previous Inspection: November 12-15, 1973

Reporting Inspector: *J. Allentuck*

J. Allentuck, Reactor Inspector

Dec 20, 1973
Date

Accompanying Inspectors: None

Date

Date

Date

Date

Other Accompanying Personnel: None

Date

Reviewed by: *R. F. Heishman*

R. F. Heishman, Senior Reactor Inspector

12/20/73
Date

Date

8111180641 731221
PDR ADOCK 05000286
G PDR

SUMMARY OF FINDINGS

Enforcement Action

None

Licensee Action on Previously Identified Enforcement Items

Not inspected

Design Changes

None

Unusual Occurrences

None

Other Significant Findings

A. Current Findings

1. Westinghouse Quality Control Reports (QCR's) are not available at the site for certain Class I items. This is an unresolved item subject to verification of QC documentation at Westinghouse. (Details, Paragraph 2)
2. Westinghouse QCR's are available at the site for certain Class I items but the supporting documentation is unavailable. This is an unresolved item subject to verification. (Details, Paragraph 3)
3. U. S. Testing has monitored Quality Control for certain items on behalf of the licensee. (Details, Paragraph 4)
4. A U. S. Testing audit report indicates that defective spray nozzles may have been shipped to the site. This matter is unresolved. (Details, Paragraph 5)
5. There is no information available at the site on criteria for determining whether or not pipe hangers are to be double-acting. This matter is unresolved. (Details, Paragraph 6)

Exit Interview

An exit interview was held with the following licensee employees:

G. I. Coulbourn, Jr., Manager, IP-3 Construction
D. Hartsfield, Construction Superintendent
J. Deane, QA Superintendent, Site

Items discussed are summarized below:

- A. The inspector stated that Wedco had stated that there were Q-listed items for which QCR's were not available at the site. The inspector stated that this would be unresolved until verification would be made that the NSSS had retained the QCR's and supporting documentation. The licensee acknowledged these statements. (Details, Paragraph 2)
- B. The inspector stated that Wedco had verified that certain QCR's at the site were associated with Q-listed items for which supporting documentation was available at the NSSS' facilities elsewhere. The inspector stated that this item was unresolved until it could be verified that adequate supporting documents were indeed available. The licensee acknowledged these remarks. (Details, Paragraph 3)
- C. The inspector stated that he had examined U. S. Testing audit reports which indicated that audits of QC documentation and observations of tests had been performed on behalf of the licensee. The licensee acknowledged these remarks. (Details, Paragraph 4)
- D. The inspector stated that he had examined a U. S. Testing audit report which indicated that possibly defective spray nozzles had been shipped to the site. The licensee stated that these items were retained in a "Hold" area. This item is unresolved. (Details, Paragraph 5)
- E. The inspector asked the licensee what criteria had been established for determining whether or not double-acting pipe hangers are required. The licensee stated that this information would be provided the inspector at a subsequent inspection. This item is unresolved. (Details, Paragraph 6)

DETAILS

1. Persons Contacted

Con Ed

A. Kohler, Jr., Resident Construction Manager
G. Coulbourn, Jr., Manager, IP-3 Construction
J. Deane, QA Supervisor, Site
D. Hartsfield, Construction Superintendent

Wedco

M. Snow, Manager, Reliability

2. QCR's Not Available at the Site

The inspector determined that QCR's were not available at the site for the following Q-listed items:

<u>Item</u>	<u>Purchase Order No.</u>
a. Reactor Coolant Pump casing	78502
b. Reactor Coolant Pump motor	78502
c. Station Service Transformer 6900/480 V	PWR 78514
d. Flow Element 930E (containment spray system)	152159
e. Flow Transmitter 930T (containment spray system)	152159
f. Valves WD 505 A, WD 505 B	66190

It was noted that items a. and b. above were delivered prior to the date which had been established between the licensee and the AEC as the effective date for 10 CFR 50, Appendix B, Criterion VII provision which relate to the retention at the power plant site of certain QC documentation.

3. QCR's Available at the Site

The inspector examined a list provided by Wedco of Q-listed items for which QCR's were available at the site but for which supporting documents were available at the NSSF's facilities. Included on this list were the following items:

<u>Item</u>	<u>Purchase Order No.</u>
Steam Generators	121906
Containment Spray Pumps	086034
Containment Spray Pumps	070491
Residual Heat Removal Pump	070491
Spray Injection Pump	070503
Residual Heat Exchangers	070522
Barton Transmitter	165830
RCFC Fans	091869
12" Crane Valves (G 32)	086084
Pressurizer	120163
RC Pipe (fabricated)	070499
Volume Control Tanks	072769
Boron Injection Tank	128760
Static Inverter	123102
Temperature Indicator	151486
Level Transmitters	152110
Pneumatic Transmitters	162118
Gas Analyzer	090832
Darling 14" Valves	067762
Darling 12" Valves	067762
Boric Acid Batch Tank	070629
Charging Pump Accumulator	086095
Boric Acid Transfer Pump	103317
Component Cooling Pump	070491
WAS Gas Compressor	103325
Sample Heat Exchanger	098914
Reactor Coolant Pressure Relief Tank	077809
Spent Resin Storage Tank	072766

4. United States Testing Audits

The inspector examined U. S. Testing audit reports relating to the items listed below:

<u>Item</u>	<u>Audit Report No.</u>
Reactor Coolant Pump casing	10066-142
Auxiliary Feedwater Turbine Driven Pump	10066 A-36
Atwood-Morrill, 28" Pneumatic Operated Main Steam Stop Valve	10066 A-85
Service Water Pumps	10066 A-21, A-6, A-11

The above reports indicated no unresolved deficiencies. In addition, the inspector noted that U. S. Testing had monitored quality of numerous additional equipment items on behalf of the licensee.

5. Defective Spray Nozzles

The inspector examined U. S. Testing Audit Report No. 10066 A-136 which indicated possible deficiencies in some of 353 nozzle castings manufactured by Spray Engineering. This report stated in part "It is recommended that all spray nozzles be checked onsite to confirm that no rejectable nozzles as noted in the report have reached the site." The licensee stated that, pending examination of the above nozzles, they were being retained in a "Hold" area.

6. Double-Acting Pipe Supports

As an example of a criterion established for requiring double-acting pipe supports the inspector stated that at another site double-acting pipe supports were required at all locations where the upward force due to the Design Basis Earthquake (DBE) were estimated as equal to or greater than 75% of the downward force due to the DBE. The licensee was unaware of a similar criterion at IP-3.