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

REGION III

Reports No. 50-456/80-13; 50-457/80-12

Docket Nos. 50-456; 50-457 Licenses No. CPPR-132; CPPR-133

Licensee: Commonwealth Edison Company
P. O. Box 767
Chicago, IL 60690

Facility Name: Braidwood Station, Units 1 and 2

Inspection At: Braidwood Site, Braidwood, IL

Inspection Conducted: October 22 - 23, 1980

Inspector: C. M. Erb Nov. 12, 1980

Approved By: D. H. Danielson, Chief 11/12/80
Engineering Support Section 2

Inspection on October 22 - 23, 1980 (Reports No. 50-456/80-13; 50-457/80-12)
Areas Inspected: Preparation for reactor vessel move to containment; steam generator modification; class 1 valve documentation; previous inspection findings. The inspection involved a total of 13 inspector-hours onsite by one NRC inspector.
Results: No items of noncompliance or deviations were identified.

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DETAILS

Persons Contacted

Commonwealth Edison Company

R. Cosaro, Project Superintendent
*T. R. Sommerfield, QA Supervisor
*E. F. Wilmere, QA Senior Inspector
*J. T. Merwin, Project Mechanical Supervisor
*D. M. Kapinus, QA Engineer
*W. Carlson, Station Construction
J. Hawkinson, Construction Engineer

Other Personnel

L. Shoults, Site Manager, Westinghouse
J. Feimster, Engineer, Westinghouse

*Denotes those present at the exit interview.

Licensee Action on Previous Inspection Findings

(Closed) Unresolved Item (456/78-10-01; 457/78-10-01) Action was taken on both cranes by the licensee on NCR's 110 and 125 regarding repair welding and drilling of main drum. These items are closed for both units. However, NCR 134 regarding poor paint is still open and will not be closed until this work is done. Both cranes are installed, so scaffolding will be necessary for part of the repainting program.

(Open) Unresolved Item (456/79-09-01) Repair blowdown nozzle and other damage to steam generator S/N 1714 incurred during move from Byron site. This work will be accomplished by W during the installation of the surveillance ports, which should be complete in December 1980.

(Closed) Unresolved Item (457/79-04-01) Unit 2 polar crane is installed and working. The polar crane has been reworked and now meets the manufacturers specification requirements.

(Closed) Unresolved Item (456/79-04-02) The main steam isolation valves for both Unit 1 and Unit 2 manufactured by Anchor-Darling are now housed in a temporary shelter of Visqueen. The previous exposed condition for the valves has been remedied.

Functional or Program Areas Inspected

1. Setting of Reactor Pressure Vessel and Steam Generator Unit 2

   The following procedures from Reliance Truck were examined for transporting various components to the site.

Procedure 101, Rev. 0	Off loading steam generator from barge and transporting to temporary storage.
Procedure 102, Rev. 1	Off loading reactor vessel from barge and transporting to temporary storage.
Procedure 103, Rev. 1	Off leading reactor vessel head from barge and transporting to temporary storage.
Procedure 104, Rev. 1	Off leading pressurizer from barge and transporting to temporary storage.
Procedure 113, Rev. 1	Moving steam generator from job site and setting in containment.
Procedure 118, Rev. 3	Load Testing construction hoist equipment in containment building.
Procedure 119, Rev. 2	Load testing construction hoist equipment in containment building.
Procedure 3, Rev. 0	Document Control.
Procedure 5, Rev. 0	Control Non-conforming Materials and Parts.
Procedure 6, Rev. 0	Corrective Action.
Proecdure 8, Rev. 0	Audits.

The above procedures require NDE inspection by Level II or higher inspectors. A visual examination is performed by Reliance Truck Company and CECo.

The four Unit 2 generators are enroute from Tampa and are scheduled to be delivered at the Dresden barge dock this year.

No items of noncompliance or deviations were identified.

2. Steam Generator Modification - Unit 1

The generators will have seven new openings made for surveillance and one special nozzle for wet layup. W has developed the welding procedures, stress relief, and NDT required. The measures will be similar to those performed at Byron which were examined and accepted.

Repair on the damaged nozzles on steam generator No. 1714 will be performed by W at the same time the above work is done.

No items of noncompliance or deviations were identified.

3. Safety Related Components Unit 1 and 2

The documentation for several valves was examined as well as the hardware. Following is pertinent information on these valves.

Release	Size & Type	Mfr.	Class	Applicable ASME Code
QR-25411	M.O. Gate Valve, 10"	W	NPV-1	Sect. III, 1974, 5'14, Cases 1553-1, 1649
QR-23271	Swing Check, 10"	W	NPV-1	Sect. III, 1974, 574, Case 1553-1
K-4162	M.O. Gate, 12"	W	NPV-1	Sect. III, 1974, S74

The required QC documentation was in order and the valves appeared to be acceptable. Limitorque Valve No. K-4162 was lying with the gear box elevated above the electrical gear. The licensee was asked to investigate whether this valve and others should be positioned differently since the grease seals may not protect the electrical gear in certain positions.

No items of noncompliance or deviations were identified.

Exit Interview

The inspector met with licensee representatives (denoted under Persons Contacted paragraph) at the conclusion of the inspection on October 23, 1980. The inspector summarized the purpose and findings of the inspection, which were acknowledged by the licensee.