

U. S. NUCLEAR REGULATORY COMMISSION

REGION III

Report No: 50-254/90020(DRS)

Docket No: 50-254

License No. DPR-29

Licensee: Commonwealth Edison Company  
Opus West III  
1400 Opus Place  
Downers Grove, IL 60515

Facility Name: Quad Cities Station, Unit 1

Inspection At: Quad Cities Site, Cordova, Illinois

Inspection Conducted: October 26, November 13-14, 27-28, December 5, and  
17, 1990

Inspector: *K. D. Ward*  
K. D. Ward

12/18/90  
Date

Accompanied By: B. Metrow (IDNS)  
(November 13-14, and 27-28, 1990)

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

12/19/90  
Date

Inspection Summary

Inspection on October 26, November 13-14, 27-28, December 5, and 17, 1990  
(Report No. 50-254/90020(DRS))

Areas Inspected: Routine, announced safety inspection of inservice inspection (ISI) activities including review of programs (73051), procedures (73052), observation of work activities (73753), and data review (73755).

Results: No violations or deviations were identified. Based on the results of the inspection, the NRC inspector noted the following:

- o The implementation of the ISI followed the requirements of ASME Section XI and the licensee's program.
- o In general, the inspection results indicate a continued good performance.
- o The ISI contractor personnel were very knowledgeable, and utilized state of the art equipment.

## DETAILS

### I. Persons Contacted

#### Commonwealth Edison Company (CECo)

\*R. Robey, Production Superintendent  
\*R. Walsh, Technical Staff Supervisor  
\*T. Kuksuk, ISI Coordinator  
C. Smith, QA Superintendent

#### Combustion Engineering (CE)

R. Auer, Site Manager

#### U.S. Nuclear Regulatory Commission (NRC)

T. Taylor, Senior Resident Inspector  
J. Shine, Resident Inspector  
R. Bocanegra, Resident Inspector

#### Hardford Steam Boiler Inspection and Insurance Company (HSB)

D. Pinell, ANII

#### State of Illinois Department of Nuclear Safety Office of Nuclear Facility Safety (IDNS)

B. Metrow, Engineer

#### Personnel Present at Pre-ISI Meeting

G. Tagatz, IST/ISI Group Leader, CECo  
T. Kuksuk, ISI Coordinator, CECo  
B. Wilson, Level III, CECo  
A. Scott, QC Supervisor, CECo  
M. Neels, Assistant QC Supervisor, CECo  
H. Do, PSD/ISI Materials Group, CECo  
A. Lynch, Nuclear Quality Programs, CECo  
G. Moran, Radiation Protection, CECo  
G. Bratcher, Field Engineer, CECo  
R. Kusy, Manager, Nuclear Services, CE  
R. Auer, Site Manager, CE  
A. Jimeney, ANIIS, HSB  
D. Pinell, ANII, HSB  
K. Ward, Reactor Inspector, NRC

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

\*Denotes those present at the exit interview December 17, 1990.

2. Inservice Inspection (ISI) Unit 1

a. General

A pre-ISI meeting was held at the site October 26, 1990, to discuss the scope, schedule and any possible problem areas with CE during the outage (See Attendance List, Paragraph 1). A State of Illinois Department of Nuclear Safety (IDNS) individual accompanied the NRC inspector as an observed only.

b. Review of Program (73501)

CECo and CE performed the ISI in accordance with ASME Section XI, 1980 Edition, Winter 1980 Addenda. There was sufficient organizational staff to ensure that acceptable ISI work was performed. There were no nondestructive examinations (NDE) performed on stainless steel welds this outage. The licensee did not make a request for relief from the ASME Code this outage. The NRC inspector reviewed CECo QA Audit #04-90-03 and several surveillances of ISI activities conducted by qualified personnel to verify compliance with the ISI program.

c. Review of Procedures (73051)

All applicable ISI procedures were approved by the Authorized Nuclear Inservice Inspector (ANII) and were reviewed by the NRC inspector. The nondestructive examinations (NDE) were performed in accordance with ASME Section V, 1980 Edition, Winter 1980 Addenda.

d. Data Review and Evaluation (73755)

The examination data was within the criteria as outlined in the applicable NDE procedures and ASME Code requirements. The NRC inspector's review included examinations of documents relating to NDE equipment, data, and evaluations.

e. Observation of Work Activities (73753)

The NRC inspector observed work activities in progress and had discussions with personnel during the observation of ISI activities. These observations included the following:

- (1) CE personnel performing magnetic particle examinations on pipe welds #1086-11, #1086-1, #1017A-2 and #1013A-5 in the RHR system.
- (2) CE personnel performing ultrasonic examinations on pipe weld #1404-42 in the core spray system.

The NRC inspector reviewed the qualifications and certifications of all inspection personnel onsite performing ISI to ensure conformance with SNT-TC-1A.

No violations or deviations were identified.

3. Exit Interview

The NRC inspector met with licensee representatives (denoted in Paragraph 1) at the conclusion of the inspection. The NRC inspector summarized the scope and findings of the inspection noted in this report. The NRC inspector also discussed the likely informational content of the inspection report with regard to documents or processes reviewed by the NRC inspector during the inspection. The licensee did not identify such documents/processes as proprietary.