

APPENDIX B

U. S. NUCLEAR REGULATORY COMMISSION

REGION IV

NRC Inspection Report: 50-482/83-13

CP: CPPR 147

Docket: 50-482

Category A2

Licensee: Kansas Gas and Electric Company  
Post Office Box 208  
Wichita, Kansas 67201

Facility Name: Wolf Creek Generating Station

Inspection At: Wolf Creek Site, Coffey County, Burlington, Kansas

Inspection Conducted: April 16 through May 15, 1983

Inspector:

W.D. Johnson for  
H. W. Roberds, Senior Resident Inspector,  
Construction, Reactor Project Section C

6/14/83  
Date

Approved:

W.D. Johnson  
W. D. Johnson, Chief, Reactor Project  
Section C

6/14/83  
Date

Inspection Summary

Inspection During April 16 through May 15, 1983 (Report 50-482/83-13)

Areas Inspected: Routine, announced inspection of licensee action on previous inspection findings; inspection of safety-related components; followup of allegations; and plant tours. The inspection involved 60 inspector-hours onsite by the Senior Resident Inspector - Construction.

Results: Within the 4 areas inspected, one violation was identified (failure to follow and/or implement quality requirements, paragraph 4b) and one open item was identified (steam generator welding, paragraph 3).

DETAILS1. Persons ContactedPrincipal Licensee Personnel

D. A. Colwell, QA Technologist, Kansas Gas and Electric Company (KG&E)  
C. E. Parry, QA Systems Supervisor, KG&E  
W. J. Rudolph, QA Manager (Site), KG&E  
F. T. Rhodes, Plant Superintendent, KG&E  
M. G. Williams, Technical Advisor, KG&E  
R. L. Hoyt, Operations QC Supervisor, KG&E  
R. V. Pederson, QA Audit Supervisor, KG&E  
W. M. Lindsay, QA Engineer, KG&E  
G. L. Fouts, Construction Manager (Site), KG&E  
R. Glover, Startup Manager, KG&E

Other Personnel

L. D. Adkinson, Training Instructor, Daniel International Corporation (DIC)  
J. R. Cook, QA Engineering, DIC  
W. Lockwood, Training Coordinator, DIC  
D. Wootten, QC Electrical Inspector, DIC  
L. Gladman, Training Supervisor, DIC

Other licensee and contractor personnel were also contacted during the course of this inspection activity.

The above listed principal licensee personnel attended the exit meeting held on May 19, 1983.

2. Licensee Actions on Previous Inspection Findings

(Closed) Unresolved Item (STN 50-482/80-18): Lack of procedure guidance for actuation of equipment during testing.

Fabrication and Installation of Pipe Procedure No. WP-VII-201, Revision 16, dated May 3, 1983, requires that an equipment actuating approval sheet be completed and approved prior to energization of the equipment.

3. Safety-Related Components

A sample visual examination was performed on the primary moisture separator welds in steam generator 1 by the NRC inspector and the KG&E surveillance section. The NRC inspector observed what appeared to be rejectable indications such as:

- . Weld rollover
- . Undercut
- . Nonfusion
- . Porosity
- . Undersize fillets

A Westinghouse Electric Corporation field engineer issued a Field Deficiency Report (FDR) No. SAPM10145 on May 4, 1983, which identified similar deficiencies in the same area on steam generator 2. Westinghouse is in the process of reinspecting and evaluating the assembly welds on the primary moisture separator in all four steam generators. This item will be reevaluated upon the completion of Westinghouse's inspection and disposition of the four steam generators.

This item remains open. (482/8313-02)

#### 4. Followup of Allegations

The SRI followed up on three allegations during this inspection period. The results of this review are detailed below.

##### a. Alleged Procedural Violation Regarding Certification Test

The alleged stated that examination questions were removed from certain certification examinations without prior approval of KG&E.

The DIC training coordinator stated, "That this did present a problem in the past as a result of procedure changes which would make questions obsolete or invalid." The questions that were not applicable were not computed into the final score. This changed the number of questions that were approved by KG&E for certification for a certain process and/or inspection qualification. To assure that this problem does not occur in the future, DIC has submitted and received KG&E's approval of ten additional supplemental questions for each certification examination. These questions may be substituted for those questions which may become invalid as a result of procedure changes and the approved number of examination questions would be maintained.

##### b. Alleged Lack of Training and Qualification For Anchor Bolt Torque Verification

The alleged stated that he had not received training for qualification to verify torquing of anchor bolts.

The NRC inspector reviewed ten electrical inspector's certification record packages and found that the written qualification examination did not cover the subject material for anchor bolt torque verification. The DIC electrical training coordinator assured the NRC inspector that torquing of anchor bolts was thoroughly covered in the class room lectures and on the job training received by each electrical inspector prior to certification. This allegation could not be substantiated. The NRC inspector found that DIC eye examinations did not meet the minimum requirements of ANSI N45.2.6. This item is considered to be a violation of 10 CFR Part 50, Appendix B, Criterion V. (482/8313-01)

c. Allegation Concerning Improper Use of White-Out on Travelers

On December 1, 1982, six former DIC employees were interviewed by NRC investigators at the Zimmer site. Two voiced concerns relative to white-out on traveler documents. The disposition of the allegation is as follows:

The NRC inspector reviewed approximately 250 quality raceway support checklists and associated documents in the time frame of September 3, 1980, to April 26, 1983. All corrections have been lined out, dated, and initialed as required by DIC Procedure No. AP-IX-04. The use of white-out on permanent records was discussed with the DIC training instructors. They were not aware of the use of white-out on any permanent records and stated that they stressed the illegal use of white-out in the lecture portion of training using the civil penalty issued against LaSalle as an example of the consequence that could happen as the result of the use of white-out. This allegation could not be substantiated.

5. Plant Tours

Plant areas were toured several times during the reporting period to observe general construction practices, area cleanliness, and storage conditions or plant equipment.

No violations or deviations were identified.

6. Exit Meeting

The SRI met with licensee representatives denoted in paragraph 1, on May 19, 1983. The scope of the inspection activity and the findings were discussed with the licensee representatives. The RRI-Operations attended the meeting also.

INSPECTOR'S REPORT  
Office of Inspection and Enforcement

Roberds, Harold W.

REVIEWER  
Johnson, W. D.

INSPECTORS  
H. W. Roberds

LICENSEE/VENDOR	TRANSACTION TYPE	DOCKET NO. (8 digits) OR LICENSE NO. (BY PRODUCT) (13 digits)	REPORT		NEXT INSP. DATE	
			NO.	SEQ.	MO.	YR.
Kansas Gas and Electric Co.	<input checked="" type="checkbox"/> I - INSERT	05000482	8313	A		
	<input type="checkbox"/> M - MODIFY					
	<input type="checkbox"/> D - DELETE					
	<input type="checkbox"/> R - REPLACE					

PERIOD OF INVESTIGATION/INSPECTION						INSPECTION PERFORMED BY						ORGANIZATION CODE OF REGION/HQ CONDUCTING ACTIVITY (See IEMC 0530 "Manpower Reporting—Weekly Manpower Reporting" for code.)			
FROM			TO			1 - REGIONAL OFFICE STAFF			OTHER			REGION	DIVISION	BRANCH	
MO.	DAY	YR.	MO.	DAY	YR.	<input checked="" type="checkbox"/>						4	C	B	
0	4	16	8	3	05	1	5	8	3						

REGIONAL ACTION (Check one box only)	TYPE OF ACTIVITY CONDUCTED (Check one box only)			
<input type="checkbox"/> 1 - NRC FORM 591 <input checked="" type="checkbox"/> 2 - REGIONAL OFFICE LETTER	<input checked="" type="checkbox"/> 02 - SAFETY <input type="checkbox"/> 03 - INCIDENT <input type="checkbox"/> 04 - ENFORCEMENT <input type="checkbox"/> 05 - MGMT. AUDIT	<input type="checkbox"/> 06 - MGMT. VISIT <input type="checkbox"/> 07 - SPECIAL <input type="checkbox"/> 08 - VENDOR <input type="checkbox"/> 09 - MAT. ACCT.	<input type="checkbox"/> 10 - PLANT SEC. <input type="checkbox"/> 11 - INVENT. VER. <input type="checkbox"/> 12 - SHIPMENT/EXPORT <input type="checkbox"/> 13 - IMPORT	<input type="checkbox"/> 14 - INQUIRY <input type="checkbox"/> 15 - INVESTIGATION

INSPECTION/INVESTIGATION FINDINGS (Check one box only)				TOTAL NUMBER OF VIOLATIONS AND DEVIATIONS				ENFORCEMENT CONFERENCE HELD				REPORT CONTAIN 2,790 INFORMATION				LETTER OR REPORT TRANSMITTAL DATE					
B	C	D		A	B	C	D	A	B	C	D	A	B	C	D	MO.	DAY	YR.	MO.	DAY	YR.
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36 37-38 39 40-41 42 43 44 JUN 14 1983 49 50 55

MODULE INFORMATION														MODULE INFORMATION													
REC. ORD.	MODULE NUMBER INSP.				PRIORITY	DIRECT INSPEC. EFFORT IN STAFF HOURS EXPENDED THIS INSPECTION	PERCENTAGE COMPLETED TO DATE	STATUS	MODULE REQ. FOLLOWUP				REC. ORD.	MODULE NUMBER INSP.				PRIORITY	DIRECT INSPEC. EFFORT IN STAFF HOURS EXPENDED THIS INSPECTION	PERCENTAGE COMPLETED TO DATE	STATUS	MODULE REQ. FOLLOWUP					
	TYPE	NUMBER	PHASE	MANUAL CHAPTER					PROCEDURE NUMBER	LEVEL	TYPE	NUMBER		PHASE	MANUAL CHAPTER	PROCEDURE NUMBER	LEVEL					TYPE	NUMBER	PHASE	MANUAL CHAPTER	PROCEDURE NUMBER	LEVEL
B	2	3	0	7	0	3	A					B															
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B	2	9	2	7	0	5	A					B															
B	2	9	2	7	0	1	A					B															

\* CIRCLE SEQUENCE IF VIOLATION OR DEVIATION

**INSPECTOR'S REPORT**  
 (Continuation)  
 Office of Inspection and Enforcement

DOCKET NO. (8 digits) OR LICENSE NO. (BY PRODUCT) (13 digits)								REPORT		MODULE NUMBER					
05000482								NO. SEQ.		292706 2					
								A		VIOLATION SEVERITY OR DEVIATION					
								B		1 2 3 4 5 6					
								C		X					
								D							
											SITE RELATED				
											S A C				
											B D				

VIOLATION OR DEVIATION (Enter up to 2400 characters for each item. If the text exceeds this number, it will be necessary to paraphrase. Limit lines to 50 characters each.)

- 1.
- 2.
3. Failure to Follow and/or Implement Quality Requirements
4. Contrary to 10 CFR Part 50, Appendix B, Criterion V,
5. and ANSI N45.2.6, 36 quality control personnel who perform
6. inspections, examinations, and tests did not pass the eye
7. examination in that records indicated they were not cap-
8. able of reading the J-1 letters on the standard Jaeger's
9. test as required.
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