

APPENDIX

U. S. NUCLEAR REGULATORY COMMISSION
REGION IV

NRC Inspection Report: 50-482/83-08

Docket: 50-482

Category A2

Licensee: Kansas Gas and Electric Company
P. O. Box 208
Wichita, Kansas 67201

Facility Name: Wolf Creek, Unit 1

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

Inspection Conducted: April 18-22, 1983

Inspector: *for* *D M Hunnicutt* 5/13/83
L. D. Gilbert, Reactor Inspector, Engineering Section Date

Approved: *W D Johnson* 5/13/83
W. D. Johnson, Chief, Reactor Project Section C Date

D M Hunnicutt 5/13/83
D. M. Hunnicutt, Chief, Engineering Section Date

Inspection Summary

Inspection Conducted April 18-22, 1983 (Report 50-482/83-08)

Areas Inspected: Routine, unannounced inspection of safety-related piping systems for the selection of welds for the NRC independent inspection program. The inspection involved 29 inspector-hours onsite by one NRC inspector.

Results: Within the area inspected, no violations or deviations were identified.

DETAILS1. Persons ContactedPrincipal Licensee Personnel

- *C. E. Parry, Supervisor, QA Systems
- *D. A. Colwell, QA Technologist
- *G. L. Forts, Construction Manager
- O. L. Thero, Supervisor, QA Surveillance
- W. Kemp, QA Surveillance

Other Personnel

- J. R. Cook, Project QA Engineer, Daniel International Corporation (DIC)
- J. Harvey, Construction Manager (DIC)
- L. Corley, Piping Engineering Supervisor (DIC)

The NRC inspector also interviewed other licensee and contractor employees during the course of the inspection.

*Denotes those attending the exit interview.

2. Independent Inspection Program of Safety-Related Piping System Welds

The NRC inspector selected 38 welds to be examined in June 1983 as part of the NRC independent inspection program. Safety-related systems from which welds were selected include: the reactor coolant system, the high pressure coolant injection system, the safety injection system, the feedwater system, the main steam system, the steam generator system, the residual heat removal system, the refueling water storage system, and the chemical and volume control system. The welds selected are listed below by system.

a. Reactor Coolant System

<u>Drawing</u>	<u>Line Number (Spool)</u>	<u>Weld</u>	<u>Welded By</u>
I-Loop-1(Q)	06-BCA-29" ID	F104	Field
I-Loop-2(Q)	21-BCA-27½ ID	F201	Field
I-Loop-2(Q)	63-BCA-31" ID	F208B	Vendor Shop
I-Loop-4(Q)	BB-69-BCA-14"	F004B	Field
M13BB02(Q)	88-BCA-6"	F001A	Field
M13BB02(Q)	88-BCA-6" (S001)	D	Vendor Shop
M13BB02(Q)	90-BCA-6"	F006	Field
M13BB04(Q)	80-BCA-4"	F001	Field
M13BB04(Q)	80-BCA-4" (S001)	C	Vendor Shop
M03BB06(Q)	33-BCA-3"	F002	Field
M13BB04(Q)	23-BCA-4"	F022	Field

b. High Pressure Coolant Injection System/Reactor Coolant System

Drawing	Line Number (Spool)	Weld	Welded By
M13EM03	10-BCA-6"	F010	Field
M13EM03(Q)	10-BCA-6" (S011)	G	Vendor Shop
M03EM05(Q)	BB-08-BCA-6"	F006	Field
M13EM03(Q)	11-BCB-2"	FW539	Field
M03EM01(Q)	48-CCB-4"	F014A	Field
M03EM01(Q)	48-CCB-4" (S011)	H	Vendor Shop
M03EM01(Q)	48-CCB-4" (S011)	G	Vendor Shop

c. Safety Injection System/Reactor Coolant System

Drawing	Line Number (Spool)	Weld	Welded By
M03EP02(Q)	BB-22-BCA-10"	F007	Field
M03EP02(Q)	06-BCA-10" (S003)	L	Vendor Shop
M03EP02(Q)	28-BCA-6" (S005)	C	Vendor Shop
M03EP02(Q)	28-BCA-6"	F009	Field
M03EP02(Q)	05-BCB-10"	FW303	Field
M03EP02(Q)	05-BCB-10" (S002)	D	Vendor Shop

d. Feedwater System

Drawing	Line Number (Spool)	Weld	Welded By
M13E04(Q)	081-EBB-14"	F030A	Field

e. Main Steam System

Drawing	Line Number (Spool)	Weld	Welded By
M03AB01(Q)02	003-DBB-28"	F047	Field
M03AB01(Q)02	003-DBB-28 (S028)	E	Vendor Shop

f. Steam Generator Blowdown System

Drawing	Line Number (Spool)	Weld	Welded By
M03BM02(Q)	14-DBB-4"	F016A	Field

g. Residual Heat Removal System/Reactor Coolant System

Drawing	Line Number (Spool)	Weld	Welded By
M03EJ04(Q)	BB-07-BCA-12"	F031	Field
M03EJ02(Q)	23-ECB-10"	F035	Field
M03EJ01(Q)	03-ECB-14"	F005	Field

h. Containment Spray System

Drawing	Line Number (Spool)	Weld	Welded By
M03EN02(Q)	07-GCB-10"	F014	Field
M03EN02(Q)	07-GCB-10" (S011)	D	Vendor Shop

i. Refueling Water Storage System/Residual Heat Removal System

<u>Drawing</u>	<u>Line Number (Spool)</u>	<u>Weld</u>	<u>Welded By</u>
M03BN01(Q)	007-HCB-24"	FW309	Field
M03BN01(Q)	EJ-04-HCB-14	F041	Field

j. Chemical and Volume Control System

<u>Drawing</u>	<u>Line Number (Spool)</u>	<u>Weld</u>	<u>Welded By</u>
M03BG11(Q)	028-ECB-3"	FW309	Field
M03BG11(Q)	028-ECB-3"	F011A	Field
M03BG11(Q)	029-ECB-3"	F027B	Field

No violations or deviations were identified.

3. Exit Interview

The NRC inspector met with licensee representatives (denoted in paragraph 1) and W. S. Schum (NRC Resident Reactor Inspector) on April 22, 1983, and summarized the scope and findings of the inspection.