

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

REGION IV

Report: STN 50-482/81-11

Docket: STN 50-482

Category A2


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

Facility Name: Wolf Creek, Unit 1

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

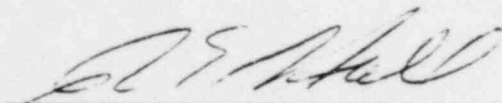
Inspection Conducted: June 1-5, 1981

Inspector:

  
L. D. Gilbert, Reactor Inspector, Engineering and Materials  
Section

6/14/81  
Date

Approved:

  
R. E. Hall, Acting Chief, Engineering and Materials Section

6/14/81  
Date

Inspection Summary:

Inspection During June 1-5, 1981 (Report STN 50-482/81-11)

Areas Inspected: Licensee action on previous inspection findings; site tour; and observation of work and review of records for welding of Reactor Coolant Pressure Boundary and other safety-related piping. The inspection involved 29 inspector-hours on site by one NRC inspector.

Results: In the areas inspected, no violations or deviations were identified.

## DETAILS

### 1. Persons Contacted

#### Principal Licensee Personnel

- \*D. W. Prigel, QA Manager, Site
- \*P. Burck, QA Engineer
- \*C. Snyder, Construction Supervisor

#### Daniel International Personnel

- \*L. Bryant, Project Quality Manager
- \*D. Dennison, Project Quality Inspection Manager
- \*R. Schofield, Project Welding Engineer
- J. Doebler, Pipe Superintendent Automatic Welding
- R. Rigdon, QC Training Supervisor

The NRC inspector also interviewed other contractor personnel during the course of the inspection.

\*Denotes those present at the exit interview.

### 2. Licensee Action on Previous Inspection Findings

(Closed) Infraction (STN 50-482/80-11): Failure to Specify Appropriate Acceptance Criteria. The NRC inspector reviewed ICP 313, Interim Change to Procedure CWP-506 for Welding Techniques N-1-1-B-1 and N-1-1-BA-1. It was determined that the acceptance criteria for weld reinforcement is now consistent with that specified in paragraph NF-4426 of ASME B&PV Code, Section III 1974 Edition through Summer 1975 Addenda for fabricating component supports.

This item is considered closed.

(Closed) Unresolved Item (STN 50-482/80-20): Qualification of Procedures for Welding P Number Base Material to A Number 8 Weld Material Used as Base Material. The NRC inspector reviewed Welding Procedure CWP 507, Revision 12 and determined that the procedure now includes Daniel International Corporate Office Revision 26 to the procedure.

This item is considered resolved.

(Closed) Violation (STN 50-482/81-04): Receiving inspections did not verify that required heat treatment information was specified on the certified material test reports for certain bolting materials. The NRC inspector reviewed the corrected copies of the certified material test reports which now include the required heat treatment information. The records documenting

the training of 18 QC services personnel to re-emphasize the importance of checking all chemical and physical properties on the material test reports were made available to the NRC inspector for review.

This item is considered closed.

3. Site Tour

The NRC inspector toured the Reactor Building and Auxiliary Building to observe construction activities in progress and housekeeping practices.

No violations or deviations were identified.

4. Reactor Coolant Pressure Boundary Piping

The NRC inspector observed welding activities and reviewed weld documentation on the following Reactor Coolant Pressure Boundary piping system field welds: Weld F104-R1 on Drawing I-LOOP 1(Q), Weld F206 on Drawing I-LOOP 2(Q), and Welds F306 and F308 on Drawing I-LOOP 3(Q). In the areas inspected, no discrepancies were noted concerning traveler documentation, welder qualification, procedure compliance, and material control.

While observing the welding of temporary attachments for fit up of Weld F308, the NRC inspector noted that the welding machine was grounded to the base plate of a Steam Generator vertical support column which had the potential to cause damage to the two bearings in the support column. The observation was reported to the Daniel International Project Quality Inspection Manager and Project Welding Engineer for resolution. A deficiency report, DR No. ISD 7059M, and interoffice communication, PWE No. 465, were issued to assess the potential damage and prevent recurrence.

This item is considered unresolved pending resolution of the above deficiency report.

5. Other Safety-Related Welding

The NRC inspector observed welding of the flued head to penetration sleeve, Weld F100 on Drawing I-M03AB01(Q) in the Main Steam piping system. In the areas inspected, no discrepancies were noted concerning traveler documentation, welder qualification, procedure compliance, and material control.

The NRC inspector also discussed a 1980 ASME B&PV Code Committee interpretation with Daniel International and Kansas Gas and Electric personnel; Interpretation III-80-65 states that all new performance qualifications for welders shall be in accordance with the latest edition of Section IX. Daniel International takes the position that a 1976 ASME B&PV Committee Code interpretation permits new qualifications to be performed in accordance with the 1974 Edition through Summer 1975 Addenda of Section IX. Since the 1980 interpretation does not support the Daniel International position, this item is considered unresolved pending a clarification of the two interpretations.

6. Unresolved Items

Unresolved items are matters about which more information is required in order to ascertain whether they are acceptable items, violations, or deviations. Two unresolved items disclosed during the inspection are discussed in paragraphs 4 and 5.

7. Exit Interview

The NRC inspector met with licensee representatives (denoted in paragraph 1) on June 5, 1981, and summarized the scope and findings of the inspection.