

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

REGION IV

Report No. STN 50-482/80-22

Docket No. STN 50-482

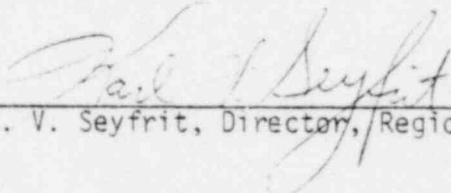
Category A2

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

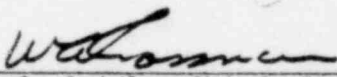
Facility Name: Wolf Creek Generating Station, Unit 1

Meeting at: Wichita, Kansas (November 3, 1980)

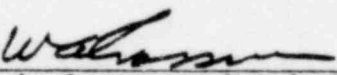
NRC Participants:

  
K. V. Seyfrit, Director, Region IV

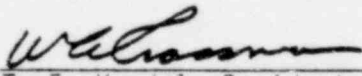
11/14/80  
Date

*for*   
W. C. Seidle, Chief, Reactor Construction and  
Engineering Support Branch

11/14/80  
Date

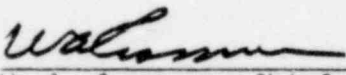
  
W. A. Crossman, Chief, Projects Section

11/14/80  
Date

*for*   
T. E. Vandell, Resident Reactor Inspector, Projects  
Section

11/14/80  
Date

Approved:

  
W. A. Crossman, Chief, Projects Section

11/14/80  
Date

Meeting Summary:

Meeting on November 3, 1980 (Report No. 50-482/80-22)

Meeting Topics: Announced meeting with the Kansas Gas and Electric Company  
corporate management concerning the evaluation of the licensee's performance.

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## DETAILS

### 1. Persons Contacted

#### Principal Licensee Employees

Glenn L. Koester, Vice President - Nuclear  
Thomas D. Keenan, Director - Nuclear Operations  
Gary L. Fouts, Construction Manager  
Earl W. Creel, Manager Quality Assurance  
Maurice E. Clark, Manager, Site Quality Assurance  
William G. Eales, Jr., Project QA Coordinator

#### NRC Participants

K. V. Seyfrit, Director, Region IV  
W. C. Seidle, Chief, Reactor Construction and Engineering Support Branch  
W. A. Crossman, Chief, Projects Section  
T. E. Vandell, Senior Resident Reactor Inspector

### 2. Meeting with KG&E Management

#### a. Purpose of Meeting

The purpose of this meeting was to describe the regional evaluation for the systematic appraisal of licensee performance. This evaluation is an integral part of the Systematic Assessment of Licensee Performance (SALP) program which is to be implemented in accordance with the commitments of the "Action Plan for Implementing Recommendations of the President's Commission and Other Studies of TMI-2 Accident." The attached Appendix B is the performance evaluation for the Wolf Creek Generating Station, Unit 1 facility for the period August 1, 1979, through July 31, 1980, compiled by the NRC participants and a Regional Review Board.

To begin the meeting, the Regional Director outlined the following objectives for a systematic appraisal of licensee performance:

- Identify exceptional or unacceptable licensee performance
- Improve licensee performance
- Improve the IE inspection program
- Provide and achieve a means of regional consistency in evaluating licensee performance

b. Enforcement History

The enforcement history for the Wolf Creek, Unit 1 facility was reviewed. The following noncompliances were issued during the period August 1, 1979, through July 31, 1980, by NRC, Region IV IE inspectors:

- Failure to approve qualifications of blasting specialist.
- Failure to provide prompt and adequate corrective action to preclude water standing in storage area for reactor closure head and internals.
- Failure to provide proper storage for stainless steel spool pieces (standing in water).
- Failure to identify nonconforming conditions of reactor cavity and fuel transfer canal concrete damage.
- Failure to provide adequate test procedures for UH sink dam tests.
- Failure to provide a timely written report for a construction deficiency regarding spalling of concrete in reactor cavity.
- Failure to specify appropriate acceptance criteria for maximum reinforcement of butt welds.
- Failure to establish housekeeping zone designations for cleanliness.
- Failure to provide appropriate procedures for activities affecting quality associated with II/I supports and raceways.

The above nine infractions were issued during 881 man-hours of inspection performed during the review period in the following areas:

|   |   |
|---|---|
| Ultimate Heat Sink Excavation and Testing | 2 |
| Storage of Materials                      | 2 |
| QA/Management                             | 4 |
| Reporting                                 | 1 |

The NRC representatives suggested that the licensee may want to review their program control for Appendix B, Criterion V coverage.

Two deviations were issued during the period August 1, 1979, through July 31, 1980:

- Failure to designate cable tray for use in Class IE and II/I as safety-related material.
- Failure to establish fire protection and prevention requirements.

c. Summary of Noncompliance Items

The NRC participants stated that the nine items of noncompliance issued during 881 man-hours of IE inspection effort is typical of an acceptable construction QA program. Corrective action of these items indicates an effective positive trend in QA program implementation and management control by Kansas Gas and Electric Company.

d. Construction Deficiency Reports (50.55(e))

The twelve construction deficiencies for the period were reviewed:

- Imperfect Threads, Southern Bolts 3½" Nuts
- Concrete Block Walls - Repair Positioned Wrong
- Fuel Pool Liner Plate Over Pressurized
- Ruskin Fire Dampers (Part 21)
- Class 2 & 3 Bolts Incorrectly Marked
- Discrepant Westinghouse Printed Circuits (Part 21)
- Bunker Ramo Amphenol - Sams Penetrations
- Undetectable Failure in Engineering Safety Features Actuation
- Colt Emergency Diesel Generators (Part 21)
- Bergen Patterson Sway Struts
- Anaconda Cable Jacket Problems
- Industrial Mechanics, Inc. 2-3/4" Nuts & Bolts

The NRC participants considered the reporting threshold to be adequate. Also a conservative, conscientious attitude for timely and accurate reporting has been exhibited by KG&E.

e. Escalated Enforcement Actions

No escalated enforcement actions occurred during the last year; however, a management meeting (Inspection Report No. STN 50-482/79-18) was held at the request of the licensee on October 26, 1979, to discuss the following:

- 50.55(e) reporting requirements
- lower threshold of incident reporting
- 10 CFR Part 21 requirements
- Resident Reactor Inspection assignment

f. Licensee's Responsiveness and Ability to Take Meaningful Corrective Action on Problems Identified by the IE Inspection Program

Responses to IE Bulletins/Circulars/Notices

The NRC participants stated that responses have been timely, concise and effective, indicating a meaningful management and engineering control system.

Responses to Enforcement Actions

The representatives discussed the licensee's responsiveness to enforcement citations. They stated that the licensee's response has been prompt and adequate to meet the necessary requirements.

g. Effectiveness and Attitudes of Personnel in Complying with NRC Regulatory Requirements

The NRC participants stated that KG&E has demonstrated an excellent attitude towards complying with their commitments and NRC regulatory requirements. KG&E personnel have been determined to be effective in this area.

3. Summary

The Regional Director summarized the discussions at the conclusion of the meeting and emphasized that the license holder is the legal responsible party and, therefore, they must be sure to cover all phases. He also urged continued management awareness through the transitional phase from construction into preoperational testing.

APPENDIX B

Region IV

LICENSEE PERFORMANCE EVALUATION (CONSTRUCTION)

Facility: Wolf Creek, Unit No. 1 (SNUPPS)

Licensee: Kansas Gas and Electric Company

Unit Identification:

| <u>Docket No.</u> | <u>CP No./Date of Issuance</u> | <u>Unit No.</u> |
|-------------------|--------------------------------|-----------------|
| STN 50-482        | CPPR-147/May 1977              | 1               |

| Reactor Information: | <u>Unit 1</u>            | <u>Unit 2</u> | <u>Unit 3</u> |
|----------------------|--------------------------|---------------|---------------|
| NSSS                 | Westinghouse<br>Electric |               |               |
| MWe                  | 1150                     |               |               |

Appraisal Period: August 1, 1979 - July 31, 1980

Appraisal Completion Date: October 21, 1980

Review Board Members:

- W. C. Seidle, Chief, RC&ES Branch
- W. A. Crossman, Chief, Projects Section
- R. E. Hall, Chief, Engineering Support Section
- R. C. Stewart, Reactor Inspector, Projects Section
- C. R. Oberg, Reactor Inspector, Projects Section
- T. E. Vandei, Resident Reactor Inspector, Projects Section

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A. Number and Nature of Noncompliance Items

| Noncompliance Category:                             | <u>Unit 1</u>             | <u>Unit 2</u>             | <u>Unit 3</u>             |
|---|---------------------------|---------------------------|---------------------------|
| Violations  | 0                         |                           |                           |
| Infractions   | 9                         |                           |                           |
| Deficiencies  | 0                         |                           |                           |
| <br>  |                           |                           |                           |
| Areas of Noncompliance:<br>(List Areas as Required) | <u>Unit 1</u><br>(Points) | <u>Unit 2</u><br>(Points) | <u>Unit 3</u><br>(Points) |
| Soils Activities (1)                                | 10                        |                           |                           |
| QA Program Control (5)                              | 90                        |                           |                           |
| Materials Storage<br>Protection (2)                 | 30                        |                           |                           |
| Reporting (1)                                       | 10                        |                           |                           |
| Deviations (2)                                      | 0                         |                           |                           |
|   | <hr/>                     |                           |                           |
| Total Points  | 140                       |                           |                           |

B. Number and Nature of Deficiency Reports

1. Imperfect Threads, Southern Bolts 3 $\frac{1}{2}$ " Nuts
2. Concrete Block Walls - Repair Positioned Wrong
3. Fuel Pool Liner Plate Over Pressurized (Part 21)
4. Ruskin Fire Dampers
5. Class 2 & 3 Bolts Incorrectly Marked
6. Discrepant Westinghouse Printed Circuits (Part 21)
7. Bunker Ramo Amphenol - Sams Penetrations
8. Undetectable Failure in Engineering Safety Features Actuation
9. Colt Emergency Diesel Generators (Part 21)
10. Bergen Patterson Sway Struts
11. Anaconda Cable Jacket Problems
12. Industrial Mechanics, Inc. 2-3/4" Nuts & Bolts

C. Escalated Enforcement Actions

Civil Penalties

None

Orders

None

Immediate Action Letters

None

D. Management Conferences Held During Past Twelve Months

At the request of the licensee, a management meeting was held on October 26, 1979, to discuss the following:

1. 50.55(e) reporting requirements
2. Lower Threshold of Incidents Reporting
3. 10 CFR Part 21 requirements
4. Resident Reactor Inspector Assignment

E. Justification of Evaluations of Functional Areas Categorized as Requiring an Increase in Inspection Frequency/Scope (see evaluation sheet)



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Inspection  
Frequency and/or Scope

| FUNCTIONAL AREA   | INCREASE | NO. CHANGE | DECREASE        |
|---|----------|------------|-----------------|
| 1. Quality Assurance, Management & Training             |          | X          |                 |
| 2. Substructure & Foundations                           |          |            | X <sup>1/</sup> |
| 3. Concrete   |          |            | X <sup>1/</sup> |
| 4. Liner (Containment & Others)                         |          |            | X <sup>1/</sup> |
| 5. Safety-Related Structures                            |          | X          |                 |
| 6. Piping & Hangers (Reactor Coolant & Others)          |          | X          |                 |
| 7. Safety-Related Components (Vessel, Internals & HVAC) |          | X          |                 |
| 8. Electrical Equipment                                 |          | X          |                 |
| 9. Electrical (Tray & Wire)                             |          | X          |                 |
| 10. Instrumentation                                     |          | X          |                 |
| 11. Fire Protection                                     |          | X          |                 |
| 12. Preservice Inspection                               |          | X          |                 |
| 13. Reporting   |          | X          |                 |
|   |          |            |                 |
|   |          |            |                 |
|   |          |            |                 |
|   |          |            |                 |
|   |          |            |                 |
|   |          |            |                 |
|   |          |            |                 |

<sup>1/</sup> The decrease is due to the site decrease in construction activity.