

APPENDIX
U. S. NUCLEAR REGULATORY COMMISSION
REGION IV

Report: 50-445/82-21

Docket: 50-445

Category: A2

Licensee: Texas Utilities Generating Company
2001 Bryan Tower
Dallas, TX 75201

Facility Name: Comanche Peak, Unit 1

Inspection At: Comanche Peak, Unit 1

Inspection Conducted: September 1-30, 1982

Inspector: Dennis L. Kelley
D. L. Kelley, Senior Resident Reactor Inspector

10/12/82
Date

Approved: T. F. Westerman
T. F. Westerman, Chief
Reactor Project Section A

10/15/82
Date

Inspection Summary

Inspection Conducted during the Period September 1-30, 1982
(NRC Report 50-445/82-21)

Areas Inspected: Routine, announced inspection by the Senior Resident Reactor Inspector (Operations), including: (1) Preoperational Test Procedure Review; (2) Plant Tour; (3) Changes to Applicant's Organization; and (4) Plant Status. The inspection involved 111 inspector-hours by one NRC inspector.

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

DETAILS1. Persons Contacted

- *J. C. Kuykendall, Manager, Nuclear Operations
- *J. T. Merritt, Startup Manager
- *G. D. Smith, Lead Startup Engineer (EDS)
- *H. A. Lancaster, Startup QA Specialist
- *D. W. Braswell, Engineering Superintendent
- *C. H. Welsh, Startup Turnover Surveillance Supervisor
- *D. E. Deviney, Operation QA Supervisor
- R. B. Seidel, Operations Superintendent
- S. M. Franks, Preoperational Test Supervisor (EDS)
- R. Moller, Westinghouse Site Manager

*Denotes those persons present during the exit interview.

2. Preoperational Test Procedure Review

The NRC inspector reviewed several draft preoperational test procedures. Comments were made where appropriate. The procedures will be reviewed in their final form after approval by the joint test group (JTG). When the preoperational tests are performed, a brief review will be conducted of the latest revision to note any changes that may affect the test results.

The procedures are reviewed with specific emphasis on the following:

- a. Management review.
- b. Format clearly defines testing to be performed.
- c. Test objectives are clearly stated.
- d. Prerequisites are identified.
- e. Special conditions (if any) are specified.
- f. Acceptance criteria are identified and requirements are specified for comparison of results with the acceptance criteria.
- g. Source of acceptance criterion is identified.
- h. Initial test conditions are specified.
- i. Reference to appropriate Final Safety Analysis Report (FSAR) sections, drawings, specifications, and codes are included.

- j. Step-by-step instructions of sufficient detail are included to ensure that conduct of the test will result in valid conclusions.
- k. Provisions for documenting that required steps have been performed and space for recording data are included.
- l. Temporary circuit changes, installation of jumpers, and restoration of circuits after testing are properly documented.
- m. Independent verification of critical steps or parameters is addressed.

During this reporting period, the following draft procedures were reviewed and commented on. The comments made were minor in nature and were in the area of clarification:

1CP-PT-10-2	Reactor Makeup Water
1CP-PT-34-2	Steam Generator Safety and Relief Valve
1CP-PT-53-02	Computer Input and Data Printout Verification
1CP-PT-55-4	Pressurizer Relief Tank
1CP-PT-37-2	Condensate Storage and Transfer System
XCP-PT-42-2	Spent Fuel Pool HX and Pump Room Fan Coolers
1CP-PT-32-01	Auxiliary Building HVAC

No violations or deviations were identified during this interview.

3. Plant Tours

During this reporting period, the NRC inspector conducted several inspection tours of Unit 1. In addition to the general housekeeping activities and general cleanliness of the facility, specific attention was given to areas where safety-related equipment is installed and where activities were in progress involving safety-related equipment. These areas were inspected to insure that:

- a. Work in progress was being accomplished using approved procedures.
- b. Special precautions for protection of equipment was implemented where required and additional cleanliness requirements were being adhered to, where required, for maintenance, flushing, and welding activities.
- c. Installed safety-related equipment and components were being protected and maintained to prevent damage and deterioration.

Also during these tours, the NRC inspector reviewed the control room and shift supervisors log books. Key items noted in the log review were:

- a. Plant status
- b. Changes in plant status
- c. Tests in progress
- d. Documentation of problems which arise during operating shifts

With the exception of consistency of format and detail, the operating logs accurately reflect the plant status and the evolutions being performed. The comment just mentioned has been reviewed with the applicant and has been taken under advisement (open item 8221-01).

No violations or deviations were identified.

4. Changes to Applicant's Organization

During this reporting period, the applicant made a change to the startup organization. Mr. J. T. Merritt was named Texas Utilities Generating Company's (TUGCO) startup manager. Mr. Merritt was Texas Utilities Services, Incorporated (TUSI) engineering and construction manager. The applicant is presently reviewing the Final Safety Analysis Report (FSAR) to determine if an amendment will be required. The NRC inspector will follow progress of the applicant's review (open item 8221-02).

5. Plant Status

The following is a status of TUGCO manning levels for operations and plant testing activities as of September 30, 1982.

a. Operations Manning Status

Authorized personnel level (including maintenance, operations, administration, quality assurance, and engineering) - 440

Number presently onboard - 318

b. Plant Testing Status

Total number of Preoperational Tests - 129
 Number of Preoperational Tests thru draft - 77
 Number of Preoperational Test approved (JTG) - 30

Total number of acceptance tests - 40
 Number of acceptance test thru draft - 25
 Number of acceptance test approved - 11

Test completion status

Preoperational Tests - 1
 Acceptance Tests - 0

6. Exit Interview

An exit interview was conducted September 30, 1982, with applicant representatives (identified in Paragraph 1). During this interview, the NRC inspector reviewed the scope and discussed the inspection findings.

INSPECTOR'S REPORT
Office of Inspection and Enforcement

KELLEY, DENNIS L.
REVIEWER
T. F. Westerman

INSPECTORS
D. L. KELLEY

LICENSEE/VENDOR

TRANSACTION TYPE

DOCKET NO. (8 digits) OR LICENSE NO. (BY PRODUCT) (13 digits)

REPORT

NEXT INSP. DATE

TEXAS UTILITIES GENERATING Company
Comanche Peak SES.
Unit #1

- I - INSERT
- M - MODIFY
- D - DELETE
- R - REPLACE

NO.	SEQ.	MO.	YR.
050004958221	A		
	B		
	C		
	D		

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		
MO.	DAY	YR.	MO.	DAY	YR.
09	01	82	09	30	82

- 1 - REGIONAL OFFICE STAFF
- 2 - RESIDENT INSPECTOR
- 3 - PERFORMANCE APPRAISAL TEAM

OTHER

REGION	DIVISION	BRANCH
4	C	A

REGIONAL ACTION (Check one box only)

TYPE OF ACTIVITY CONDUCTED (Check one box only)

- 1 - NRC FORM 591
- 2 - REGIONAL OFFICE LETTER

- 02 - SAFETY
- 03 - INCIDENT
- 04 - ENFORCEMENT
- 05 - MGMT. AUDIT

- 06 - MGMT. VISIT
- 07 - SPECIAL
- 08 - VENDOR
- 09 - MAT. ACCT.
- 10 - PLANT SEC.
- 11 - INVENT. VER.
- 12 - SHIPMENT/EXPORT
- 13 - IMPORT

- 14 - INQUIRY
- 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

A	B	C	D
<input checked="" type="checkbox"/>			

- 1 - CLEAR
- 2 - VIOLATION
- 3 - DEVIATION
- 4 - VIOLATION & DEVIATION

A	B	C	D
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1 - YES

A	B	C	D

1 - YES

NRC FORM 591 OR REG. LETTER ISSUED

REPORT SENT TO HQ FOR ACTION

MO.	DAY	YR.	MO.	DAY	YR.
09	20	82			

MODULE INFORMATION

MODULE INFORMATION

REC. ORD.	MODULE NUMBER INSP.						MODULE REQ. FOLLOWUP						REC. ORD.	MODULE NUMBER INSP.						MODULE REQ. FOLLOWUP											
TYPE	NUMBER	PHASE	MANUAL CHAPTER	PROCEDURE NUMBER	LEVEL	SEQ.	PRIORITY	DIRECT INSP. EFFORT IN STAFF HOURS EXPENDED THIS INSPECTION	PERCENTAGE COMPLETED	STATUS	TO DATE	PHASE	MANUAL CHAPTER	PROCEDURE NUMBER	LEVEL	TYPE	NUMBER	PHASE	MANUAL CHAPTER	PROCEDURE NUMBER	LEVEL	SEQ.	PRIORITY	DIRECT INSP. EFFORT IN STAFF HOURS EXPENDED THIS INSPECTION	PERCENTAGE COMPLETED	STATUS	TO DATE	PHASE	MANUAL CHAPTER	PROCEDURE NUMBER	LEVEL
B	01	33	217	7.0.2	C	A		0.0.23								B							A								
B	02	3	7.0.2	0.0	B	A		0.2.2								B							A								
B	03	3	7.0.3	0.2	B	A		0.6.0								B							A								
B	09	3	9.2	7.0.6		A		0.2.5								B							A								

* 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							
		NO.	SEQ.								
			A	VIOLATION SEVERITY OR DEVIATION						SITE RELATED	
			B	1	2	3	4	5	6	A	C
			C							B	D
			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.)

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