

December 23, 1980

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

BEFORE THE ATOMIC SAFETY AND LICENSING BOARD



In the Matter of)	
)	
TEXAS UTILITIES GENERATING)	Docket Nos. 50-445
COMPANY, <u>et al.</u>)	50-446
)	
(Coma: Co Peak Steam Electric)	(Application for
Station, Units 1 and 2))	Operating License)

APPLICANTS' ANSWERS TO CASE'S
THIRD SET OF INTERROGATORIES
AND OBJECTION TO REWORDING OF
CONTENTION 5

Pursuant to 10 C.F.R. §2.740b(b), Texas Utilities Gener-
ating Co., et al. ("Applicants") hereby submit answers to
"CASE's Third Set of Interrogatories to Applicants" ("Inter-
rogatories"), dated December 4, 1980. As indicated in the
answers below, CASE's Requests to Produce included in this Third
Set of Interrogatories do not require responses at this time.
Accordingly, Applicants will not submit a separate pleading
responding to those requests pursuant to 10 C.F.R. §2.741(d).

APPLICANTS' OBJECTION TO
REWORDING OF CONTENTION 5

Applicants hereby object to CASE's rewording of Contention 5
as set forth at page 2 of CASE's Interrogatories. Only the
Board has the authority to determine the wording of a contention.
See, e.g., 10 C.F.R. §2.714. The wording of Contention 5 was
approved by the Board in the captioned proceeding in its Order

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of June 16, 1980. CASE has erroneously assumed that the Board revised the wording of that contention in the Board's October 31, 1980 Rulings on Objections. To the contrary, the Board only "construe[d]" the contention to cover the Inspection and Enforcement Reports identified by ACORN in its Offer of Proof, served August 29, 1980. The Board did not change the wording of Contention 5. Accordingly, Applicants have determined the relevancy of the instant discovery requests in view of the wording of Contention 5 as accepted by the Board in its June 16, 1980 Order granting contentions, as clarified by the Board's October 31, 1980 Rulings.

ANSWERS TO CASE'S INTERROGATORIES

Each answer is identified by the number of the corresponding interrogatory set forth in CASE's Third Set of Interrogatories.

Contention 5

1. a. No. CASE is directed to the description of the organization in Chapters 1 and 17 of the Final Safety Analysis Report.
b. Not applicable.
c. Not applicable.
2. Applicants believe that their current practices and procedures will enable the Commission to make the findings necessary for issuance of an operating license to Comanche Peak. See e.g., 10 C.F.R. §50.57(a).
3. The Applicants' object to this interrogatory as irrelevant to this proceeding and not designed to lead to the discovery of admissible evidence.

4. The Applicants' object to this interrogatory as irrelevant to this proceeding and not designed to lead to the discovery of admissible evidence.
5. Applicants' object to this interrogatory as irrelevant to this proceeding.
6. Not applicable.
7. The answer to questions 2 through 6 were developed under the supervision of the signer of the attached affidavit.
8. A determination of the person or persons who may testify at the operating license hearings has not yet been made.
9. Applicants will permit depositions arranged and conducted pursuant to the NRC Rules of Practice. See 10 C.F.R. §2.740a.
10. Not applicable.
11. a. The worker was terminated for reasons "not related to his actual work," as was stated in the Inspection Report quoted. Accordingly, the matter is irrelevant to Contention 5.
 - b. (1) Yes.
 - (2) Yes.
 - (3) Not applicable.
 - (4) Visually and by tension testing as required by Regulatory Guide 1.10.
 - (5) The inspections were accomplished by the Comanche Peak Quality Control organization.
 - (6) As stated in NRC Inspection Report 78-17, page 3, Items 1d and 1e.
 - (7) Some personnel are and some are not.
 - (8) Some personnel are and some are not.
 - (9) Cadweld Inspector(s).
 - (10) Individuals still employed are involved in various QA/QC positions, or in other activities at CPSES.

- (11) Not applicable.
- c. Yes. Although work platforms and safety belts are provided, it is common for work to be accomplished within the confines of the rebar without scaffolding.
 - d. Not applicable.
 - e. Not applicable.
 - f. Yes.
 - g. Yes. However, area lighting is normally supplemented by lighting mounted on a work platform at the surface of the concrete, which in the subject situation, was approximately 60 feet below the level of the cadwelds. In a small percentage of the cadwelding activities (such as the subject situation) flashlights are also used to better light the work area.
 - h. Not applicable.
 - i. Not applicable.
 - j. Yes.
 - k. Yes, as explained above in response to interrogatory 11.g.
 - l. Not applicable.
 - m. Not applicable.
 - n. Yes.
 - o. Penlights are furnished to inspectors to aid inspection efforts in areas where supplemental lighting may be necessary.
 - p. Not applicable.
 - q. Not applicable.
 - r. Yes.
 - s. Complete, except for a construction opening.
 - t. Complete, except for a construction opening.
 - u. November 2, 1978.

- v. August 31, 1979.
12. November 30, 1978 through January 19, 1979.

Contention 24

13. Copies of CPSES ER(OLS) Tables 8.1-21 and 8.1-22 are enclosed.
14. No. The Applicants are required to meet the requirement for a cost/benefit analysis in accordance with 10 C.F.R. Part 51 and Regulatory Guide 4.2, Revision 1.
15. See response to interrogatory 14.
16. See response to interrogatory 14.
17. See response to interrogatory 14.
18. See response to interrogatory 14.
19. See response to interrogatory 14.
20. See response to interrogatory 14.
21. See response to interrogatory 14.
22. Yes, see response to interrogatory 14.

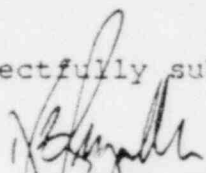
Contention 24(a)

23. No.
24. The Operating Licensing Application.
- 25..a. It has not yet been determined whether any person(s) will testify with respect to Contention 24(a).
- b. Not applicable.
26. No, see answer to interrogatory 48.
27. Not applicable.
28. No.
29. Not applicable.

30. Not applicable.
31. Not applicable.
32. Not applicable.
33. Not applicable.
34. No.
35. Not applicable.
36. A determination as to filing written testimony in this proceeding concerning Contention 24(a) has not yet been made.
37. Not applicable.
38. Applicants object to this interrogatory as irrelevant. Applicants did not raise Contention 24(a), CASE did. Applicants are not required to explain what CASE intends with respect to its contentions.
39. Not applicable.
40. This information is contained in ER(OLS) Section 5.8 and NUREG/CR-0130.
41. See response to interrogatory 40.
42. No. The cost may vary to an insignificant degree with timing but the balance will still be favorable. See NUREG/CR-0130.
43. Not applicable.
44. See response to interrogatory 42.
45. The evaluation of the cost/benefit analysis is outlined by NUREG-0555 (May, 1979).
46. The Applicants will comply with applicable NRC requirements and regulations.
47. NUREG/CR-0130 was chosen for the Applicants' revised analysis because it was the latest and most authoritative study on decommissioning. The reason the study preferred immediate dismantlement is discussed in NUREG/CR-0130.
48. The applicability of NUREG/CR-0130 is discussed in ER(OLS) Section 5.8. No other analysis other than that indicated therein was done for CPSES.

49. See response to interrogatory 48.
50. a. See response to interrogatory 48.
- b. It is explained in NUREG/CR-0130 that 25.6% is the sum of the percentages of the total cost for all disposal except spent fuel.
- c. See response to interrogatory 50.b.
- d. Yes.
51. See response to interrogatory 48.
52. Yes.
53. Not applicable.
54. Yes.
55. a. For a complete explanation of Table 10.1-1, CASE should refer to NUREG/CR-0130.
- b. See response to interrogatory 55.a.
- c. The Applicants did not investigate nor base their analysis on any decommissioning history subsequent to NUREG/ CR-0130, which was issued in June, 1978 and supplemented in August, 1979.
56. CASE is referred to NUREG/CR-0130 for a complete explanation of the five general areas of effort with respect to dismantlement.

Respectfully submitted,



Nicholas S. Reynolds



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Counsel for Applicants

December 23, 1980

PRINCIPAL BENEFITS OF
COMANCHE PEAK STEAM ELECTRIC STATION
(1983)

Direct Benefits

Expected average annual power generation (million kwh)	9,300
Capacity of plant, kilowatts (Unit 1)	2,300,000

Proportional distribution of electrical energy
Expected Annual Delivery (in millions of kwh)

<u>Customer Group</u>	<u>TOTAL</u>	<u>PERCENT</u>
Industrial	1,120	32
Commercial	700	20
Residential	1,400	40
Public	105	3
Other	<u>175</u>	<u>5</u>
Total	3,500	100

Total Annual Revenues \$211.036 million^(a)

Indirect Benefits

Taxes:

	<u>Average Annual (\$000)</u>
Local (property) ^(b)	\$628,651.56
State ^(b)	19,743.17
Federal ^(c)	<u>0.00</u>
	\$648,394.73

Regional Product:

Value added in value of output of businesses in project area corresponding to direct annual wages of employees, plus induced consumption and investment as result of multiplier effect.
(See Section 8.1.4).

October, 1978

Environmental Enhancement:

Recreational uses of portion of shoreline and waters of Squaw Creek Reservoir. Reduced air pollution due to decrease in dependence upon use of fossil fuels for power generation.

Employment:

Estimated peak work force of 4,500 construction workers.

Nearly 200 permanent operating employees during life of plant.

(a) From Table 8.1-1.

(b) Based upon actual taxes paid in 1977 (see Section 8.1.2.3.1). These values will be renegotiated with local authorities annually for future years.

(c) There is no significant net benefit in the form of increased federal taxes directly attributable to the CPSES project. CPSES is being constructed to replace a corresponding amount of oil and natural gas generation rather than to meet increased demand. Net income from energy sales and the resultant federal taxes, would not be significantly affected if such demand were to be met by use of existing generating capacity. See Section 1.3.1 for further discussion. ✓

ESTIMATED BASIC AND DERIVED EMPLOYMENTIN CPSES LOCAL IMPACT AREA

(Based Upon 1970 Population Data)

	<u>CPSES Impact Area Counties</u>						<u>Total Impact Area</u>
	<u>Somer- vell</u>	<u>Hood</u>	<u>Park- er</u>	<u>John- son</u>	<u>Bosque</u>	<u>Erath</u>	
<u>Basic Employment</u>							
Agriculture, Fores- try, Mining	164	337	1,012	847	711	1,069	4,140
Manufacturing	137	462	2,303	4,470	771	591	8,734
Transportation, Commerce, Utilities	35	60	460	775	89	204	1,623
Wholesale, Retail Services	3	7	38	53	13	23	137
Others	<u>38</u>	<u>439</u>	<u>517</u>	<u>629</u>	<u>165</u>	<u>318</u>	<u>2,106</u>
Subtotal	377	1,305	4,330	6,774	1,749	2,205	16,740

October, 1978

ESTIMATED BASIC AND DERIVED EMPLOYMENTIN CPSES LOCAL IMPACT AREA

(Based Upon 1970 Population Data)

	<u>CPSES Impact Area Counties</u>						<u>Total Impact Area</u>
	<u>Somer- vell</u>	<u>Hood</u>	<u>Park- er</u>	<u>Join- son</u>	<u>Bosque</u>	<u>Erath</u>	
<u>Derived Employment</u>							
Agriculture, Forestry, Mining	9	18	53	45	38	56	219
Manufacturing	19	64	314	609	105	81	1,192
Transportation, Commerce, Utilities	53	89	691	1,163	133	305	2,434
Wholesale, Retail Services	266	674	3,781	5,261	1,261	2,258	13,501
Others	<u>243</u>	<u>2,141</u>	<u>3,046</u>	<u>3,700</u>	<u>1,048</u>	<u>1,808</u>	<u>11,986</u>
Subtotal	590	2,986	7,885	10,778	2,585	4,508	29,332
Total	967	4,291	12,215	17,552	4,334	6,713	46,072

Note: Allocation of employment between basic and derived industries based on percentages developed in Section 8.1.4.

Sources: U. S. Bureau of the Census, 1970 Census of Population, "Social and Economic Characteristics, Texas".

October, 1978

STATE OF TEXAS }
COUNTY OF DALLAS }

Homer C. Schmidt, being duly sworn, deposes and says:

That he is Manager, Nuclear Services, Texas Utilities Services, Inc., and knows the contents of the foregoing Applicants' Answers to CASE's Third Set of Interrogatories and Objection to Rewording of Contention 5; that the same is true of his own knowledge except as to matters therein stated on information and belief, and as to that, he believes them to be true.

Homer C. Schmidt

SWORN to and subscribed
before me on this 22nd day
of December, 1980.

R. L. Dily

Notary Public

My Commission Expires: 4-4-81

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NUCLEAR REGULATORY COMMISSION

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(Comanche Peak Steam Electric) (Application for
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CERTIFICATE OF SERVICE

I hereby certify that copies of the foregoing "Applicants' Answer to CASE's Third Set of Interrogatories and Objection to Rewording of Contention 5", in the above captioned matter were served upon the following persons by deposit in the United States mail, first class postage prepaid this 23rd day of December, 1980:

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William A. Horin

William A. Horin

cc: Homer C. Schmidt
Spencer C. Relyea, Esq.