TEXAS UTILITIES SERVICES INC.
2001 BRYAN TOWER · DALLAS, TEXAS 75201

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May 18, 1981

RECEIVED MAY 22 1981 U.S. NUCLEAR REGULATORY COMMISSION

Mr. Spottswood Burwell
U. S. Nuclear Regulatory Commission
Licensing Project Manager
Light Water Reactors Branch No. 2
Division of Project Management
Office of Nuclear Reactor Regulation
Washington, D.C. 20555

SUBJECT: COMANCHE PEAK STEAM ELECTRIC STATION
MEB SER ADDITIONAL INFORMATION

Dear Mr. Burwell:

This letter transmits to you the following additional information identified in Item B31 of the MEB SER minutes:

1. Pipe Support Tables (3 sheets)

2. Brown & Root Drawings

SI-1-031-709-A32R sheet 1
AF-1-099-710-S33R sheet 1
AF-1-099-711-S33R sheet 1
AF-1-099-712-S33R sheet 1
AF-1-099-712-S33R sheet 2
AF-1-099-713-S33R sheet 1
AF-1-097-700-S33R sheet 1
AF-1-097-702-S33R sheet 1
SI-1-031-707-A32K sheet 1
SI-1-031-708-A32R sheet 1
SI-1-031-710-A32R sheet 1
SI-1-031-706-A32K sheet 1
CC-1-028-720-S33R sheet 1
CC-1-028-720-S33R sheet 1
CC-1-028-721-S33R sheet 1
CC-1-028-721-S33R sheet 2
CC-1-028-723-S33R sheet 1
CC-1-028-723-S33R sheet 2

B001 s/1/1
DRWGS TO: P.M. APERTURE DIST

H C Schmidt
H. C. Schmidt

BSD:tls

8105260554 A

cc: J. T. Merritt
R. D. Calder
R. E. Ballard

TEXAS UTILITIES SERVICES INC.
COMANCHE PEAK S.E.S.
Agent For
DALLAS POWER & LIGHT COMPANY
TEXAS ELECTRIC SERVICE COMPANY
TEXAS POWER & LIGHT COMPANY

FORM DHE-5

Date 4-20-81 Filing Code

Calc By L. Hamilton Sheet No. 1 of 3

Chk'd/Apprd. By RR T & H Job. No.

Subject

Rel. Dwg./Spec. No.

SYSTEM	LINE No.	SUPPORT No.	LOADS			
			NORMAL	UPSET	EMERG.	FAULTED
AF	4"AF-1-99-2002-3	AF-1-99-710-S33R	F_y = 776#	776#	1070#	1070#
			F_x = 241#	241#	410#	410#
AF	4"AF-1-99-2002-3	AF-1-99-711-S33R	F_y = 414#	414#	626#	626#
			F_x = 222#	221#	431#	431#
AF	4"AF-1-99-2002-3	AF-1-99-712-S33R	F_y = 765#	765#	1248#	1248#
			F_x = 445#	445#	883#	883#
AF	4"AF-1-99-2002-3	AF-1-99-713-S33R	F_y = 781#	781#	1247#	1247#
			F_x = 323#	323#	628#	628#
AF	4"AF-1-97-2002-3	AF-1-97-700-S33R	F_y = 512#	1014#	1516#	1516#
			F_x = 77#	457#	837#	837#
AF	4"AF-1-97-2002-3	AF-1-97-702-S33R	F_y = 457#	1045#	1633#	1633#
			F_x = 20#	493#	966#	966#
SI	12"SI-1-31-151R-2	SI-1-31-707-A32K	F_x = 2185#	2185#	4370#	4370#
SI	12"SI-1-31-151R-2	SI-1-31-708-A32R	F_z = 2412#	2412#	4573#	4573#
SI	12"SI-1-31-151R-2	SI-1-31-709-A32R	F_y = 4089#	4089#	5988#	5988#
			F_x = 2289#	2289#	3658#	3658#
			F_z = 4640#	4640#	7110#	7110#
SI	12"SI-1-31-151R-2	SI-1-31-710-A32R	F_y = 5954#	5954#	8291#	8291#
			F_x = 1906#	1906#	2565#	2565#

FORM DHE-5

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Calc By L. Hamilton
Chk'd Apprd. By RP

Filing Code
Sheet No. 2 Of 3
G & H Job. No.

Subject
Ref. Dwg./Spec. No.

SUPPORT NO.	MAX. MEMBER STRESS		MAX. PLATE STRESS		REFERENCE DWG. NO.
	COMPUTED	ALLOWABLE	COMPUTED	ALLOWABLE	
AF-1-99-710-S33R	5222 PSI	30,600 PSI	24,160.73 PSI	26,100 PSI	CC-1-28-720-S33R
AF-1-99-711-S33R	8477.6 PSI	30,600 PSI	24,418.23 PSI	26,100 PSI	CC-1-28-721-S33R
AF-1-99-712-S33R	7396.0 PSI	30,600 PSI	18,961.03 PSI	26,100 PSI	N/A
AF-1-99-713-S33R	15,181 PSI	30,600 PSI	13,690.25 PSI	26,100 PSI	CC-1-28-723-S33R
AF-1-97-700-S33R	5222 PSI	30,600 PSI	24,160.73 PSI	26,100 PSI	CC-1-28-720-S33R
AF-1-97-702-S33R	7396.0 PSI	30,600 PSI	18,961.03 PSI	26,100 PSI	AF-1-99-712-S33R
SI-1-31-707-A32K	8640 PSI	30,600 PSI	14,561.05 PSI	26,100 PSI	SI-1-31-706-A32K
SI-1-31-708-A32R	1864 PSI	19,650 PSI	11,601.62 PSI	26,100 PSI	N/A
SI-1-31-709-A32R	5765.5 PSI	30,600 PSI	14,961.55 PSI	26,100 PSI	N/A
SI-1-31-710-A32R	11,133 PSI	30,600 PSI	0.0 PSI	26,100 PSI	N/A

FORM DHE-5

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Sheet No. 3 Of 3
G & H Job. No.
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REFERENCE TO NF CODE ALLOWABLES:

1) $F_b = 30{,}600_{PSI}$ PER NF-XVII-2214
(F_b = BENDING STRESS ABOUT MAJOR AXIS)

2) $F_a = 19{,}650$ PER NF-XVII-2213.1
(F_a = PERMITTED AXIAL STRESS)

3) $\sigma_1 + \sigma_2 = 26{,}100_{PSI}$ PER NF-XVII-3221.2a
($\sigma_1 + \sigma_2$ = MEMBRANE STRESS + BENDING STRESS)

SYSTEM CODES.

AF AUXILARY FEED WATER.

SI SAFETY INJECTION.

CO-ORDINATE SYSTEM

F_Y = VERTICAL (+ = UP)
F_X = NORTH - SOUTH (+ = NORTH)
F_Z = EAST - WEST (+ = EAST)