

8004290634

TEXAS UTILITIES GENERATING COMPANY

2001 BRYAN TOWER - DALLAS, TEXAS 75201

Log # TXX-3121
File 10010

April 22, 1980

R. J. GARY
EXECUTIVE VICE PRESIDENT
AND GENERAL MANAGER

→ Mr. Harold R. Denton
Director of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

SUBJECT: COMANCHE PEAK STEAM ELECTRIC STATION
DOCKET NOS. 50-445 AND 50-446
SUBMITTAL OF ELECTRICAL, INSTRUMENTATION
AND CONTROL DRAWINGS

Dear Mr. Denton:

By this transmittal, additional electrical, instrumentation and control drawings are submitted to assist in the review of the Comanche Peak Steam Electric Station dockets. A list of the drawings being submitted and their revision status is attached. Two (2) copies of each of the drawings are enclosed and by copy of this transmittal, one (1) copy of each of the drawings is being submitted directly to Argonne National Laboratory.

Respectfully yours,

R. J. Gary
R. J. Gary

RJG:skf

cc: ARMS

D. N. Chapman
A. T. Parker
J. C. Kuykendall
J. T. Merritt
S. C. Relyea
N. S. Reynolds
H. R. Rock
H. C. Schmidt w/1 enclosure
S. B. Burwell
Ira Charak w/1 set enclosure
D. R. Woodlan

BOO1
S
1/2
Drawgs to
P.M.
EZA (Return to
FILES AFTER
filming)

SYSTEMDRAWING
NUMBERREVISIONDATE6.9kV Switchgear
Miscellaneous

2323-E1-0030-0

AA

2/7/80

-9	3
-10	3
-19	2
-21	2
-22	2
-26	4
-35	2
-36	2
-37	2
-39	3
-43	3
-45	2
-47	2
-49	2
-51	1
-52	1
-53	1
-54	1
-59	2
-60	2
-62	1
-63	1

SYSTEMDRAWING
NUMBERREVISIONDATESafeguard 6.9kV Switchgear
Breakers

2323-E1-0031-0

AA

2/1/80

-1	4
-2	4
-3	4
-4	5
-5	4
-6	4
-7	4
-8	5
-9	4
-10	4
-11	4
-12	4
-13	5
-14	6
-15	5
-16	5
-17	5
-18	5
-19	5
-20	5
-21	3
-22	3
-23	3
-24	3
-25	2
-26	2
-27	2
-28	2
-29	2
-30	2
-31	2
-32	2
-33	2
-34	2
-35	2
-36	2
-37	2
-38	2
-39	2
-40	2
-41	4
-42	4
-43	4
-44	4
-45	2
-46	2
-47	2
-48	2
-49	2
-50	2

SYSTEMDRAWING
NUMBERREVISIONDATE

Safeguard 6.9kV Switchgear
Breakers

2323-E1-0031-51

-52

2

2

-53

2

-54

2

-55

2

-56

2

-57

3

-58

3

-59

3

-60

3

-61

3

-62

3

-63

2

-64

2

-65

2

-66

2

<u>SYSTEM</u>	<u>DRAWING NUMBER</u>	<u>REVISION</u>	<u>DATE</u>
Normal 6.9kV Switchgear Breakers	2323-E1-0032-0	AF	2/28/90
	-1	6	
	-2	6	
	-3	6	
	-4	7	
	-5	6	
	-6	4	
	-7	6	
	-8	7	
	-9	5	
	-10	5	
	-11	6	
	-12	5	
	-13	6	
	-14	4	
	-15	5	
	-16	7	
	-17	6	
	-18	5	
	-19	6	
	-20	5	
	-21	5	
	-22	4	
	-23	6	
	-24	5	
	-25	5	
	-26	4	
	-27	5	
	-28	4	
	-29	5	
	-30	5	
	-31	5	
	-32	5	
	-33	5	
	-34	4	
	-35	5	
	-36	5	
	-37	6	
	-38	4	
	-39	5	
	-40	5	
	-41	4	
	-42	4	
	-43	4	
	-44	4	
	-45	4	
	-46	4	
	-47	4	
	-48	4	

SYSTEMDRAWING
NUMBERREVISIONDATE

Normal 6.9kV Switchgear
Breakers

2323-E1-0032-49

	4
-50	4
-51	4
-52	5
-53	5
-54	4
-55	5
-56	4
-57	5
-58	4
-59	5
-60	4
-61	5
-62	5
-63	4
-64	3
-65	5
-66	4
-67	4
-68	4
-69	3
-70	4
-71	3
-72	4

SYSTEMDRAWING
NUMBERREVISIONDATESafeguard 480V Switchgear
Breakers

2323-E1-0033-0

L

1/30/80

-1	4
-2	5
-3	4
-4	5
-5	4
-6	5
-7	4
-8	5
-9	3
-10	3
-11	3
-12	3
-13	2
-14	2
-15	3
-16	3
-17	3
-18	3
-19	3
-20	3
-21	3
-22	3
-23	3
-24	3
-25	3
-26	3
-27	3
-28	2
-29	2
-30	1
-31	2
-32	1
-33	2
-34	2
-35	2
-36	2
-37	2
-38	2
-39	2
-40	2
-41	2
-42	1
-47	4
-48	3
-49	4
-50	3
-51	1
-52	1

SYSTEM

DRAWING
NUMBERPage 7 of 31
REVISION DATESafeguard 480V Switchgear
Breakers

2323-E1-0033-53

	3
-54	3
-55	5
-56	5
-57	5
-58	5
-59	4
-60	4
-61	5
-62	5
-63	4
-64	4
-65	3
-66	1
-67	2
-68	2
-69	1
-70	1

SYSTEM	DRAWING NUMBER	REVISION	DATE
Primary Plant Ventilation	2323-E1-0036-0	I	3/19/80
	-1	4	
	-2	4	
	-3	4	
	-4	4	
	-5	4	
	-6	4	
	-7	4	
	-8	4	
	-9	4	
	-10	4	
	-11	4	
	-12	4	
	-13	4	
	-14	4	
	-15	4	
	-16	4	
	-17	4	
	-18	4	
	-19	4	
	-20	4	
	-21	4	
	-22	4	
	-23	4	
	-24	4	
	-25	4	
	-26	4	
	-27	4	
	-28	4	
	-29	4	
	-30	4	
	-31	4	
	-32	4	
	-49	4	
	-50	4	
	-58	3	
	-59	2	
	-71	3	
	-72	3	
	-73	2	
	-74	3	
	-75	2	
	-76	2	
	-77	1	
	-78	1	
	-79	1	
	-80	1	
	-81	1	
	-82	1	

SYSTEMDRAWING
NUMBERREVISIONDATE

Primary Plant Ventilation

2323-E1-0036-83

-84

-85

-86

-87

-88

-89

-90

-91

-92

-93

-94

-95

-96

1

1

1

1

1

1

1

1

1

1

1

1

1

1

SYSTEM

DRAWING
NUMBER

REVISION

DATE

Auxiliary Feedwater

2323-E1-0037-0

N

3/20/80

-00

2

-1

3

-2

3

-3

4

-4

3

-5

3

-6

4

-7

4

-8

4

-9

4

-10

4

-11

4

-12

3

-13

4

-14

4

-15

4

-16

4

-19

2

-20

4

-21

3

-22

4

-24

3

-25

3

-26

3

-27

3

-28

3

-29

3

-30

3

-31

3

-32

1

-33

1

-34

2

-35

1

-36

1

-37

1

-38

1

-40

2

-41

2

-46

2

-60

1

-61

1

-62

1

-63

1

-64

1

-65

1

-66

1

-67

1

-68

1

SYSTEMDRAWING
NUMBERREVISIONDATE

Steam Generator Feedwater

2323-E1-0038-0

M

3/15/80

-00	3
-3	1
-4	1
-5	1
-6	1
-7	1
-8	1
-9	1
-10	1
-11	2
-13	2
-15	2
-17	2
-19	3
-20	3
-21	3
-22	3
-23	3
-24	3
-25	3
-26	3
-27	3
-28	3
-29	3
-30	3
-50	3
-51	3
-54	2
-55	1
-56	1
-57	1
-58	1
-59	1
-60	1
-61	1
-62	1
-64	1
-65	1
-66	1
-67	1
-68	1
-69	1
-70	1
-71	1
-72	2
-73	1
-74	1
-75	1
-76	1

SYSTEMDRAWING
NUMBERREVISIONDATE

Steam Generator Feedwater

2323-E1-0038-77

-78

-79

-80

-81

-82

-83

-84

-85

-86

-87

-88

-89

-90

-91

-92

-93

-94

-95

-96

-97

-98

-99

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

SYSTEMDRAWING
NUMBERREVISIONDATE

Demineralized Water &
Reactor Plant Makeup

2323-E1-0044-0
-00
-6
-7
-8
-9
-11
-12
-14
-19

J
2
3
4
3
3
2
3
2
1

3/13/80

SYSTEMDRAWING
NUMBERREVISIONDATE

Process Sampling

2323-E1-0045-0

E

1/7/80

-1

3

-2

3

-3

3

-4

3

-5

3

-6

3

-7

3

-8

3

-9

3

-10

3

-11

3

-12

3

-13

3

-14

3

-16

2

-17

1

SYSTEMDRAWING
NUMBERREVISIONDATE

Compressed Air
(Instrument Air)

2323-E1-0048-0
-00
-1
-4
-5
-7
-9
-12
-14
-16

I
2
4
4
3
3
3
4
3
2

3/13/80

SYSTEMDRAWING
NUMBERREVISIONDATE

Containment Spray

2323-E1-0049-0

-00

H

2/7/80

-1

2

-2

2

-3

2

-4

2

-5

2

-6

3

-7

2

-8

2

-9

2

-10

2

-11

2

-12

2

-13

2

-14

2

-18

2

-21

2

2

SYSTEMDRAWING
NUMBERREVISIONDATE

Component Cooling Water

2323-E1-0050-0

M

3/19/80

-00

3

-1

2

-3

2

-4

2

-6

3

-7

4

-8

3

-9

3

-10

3

-11

3

-12

3

-13

3

-14

3

-15

3

-16

3

-17

3

-18

3

-19

3

-23

3

-26

3

-27

3

-28

3

-29

3

-34

3

-35

3

-36

3

-37

3

-38

3

-39

3

-40

3

-41

3

-43

3

-44

3

-47

2

-49

2

-50

3

-51

3

-53

3

-54

2

-55

2

<u>SYSTEM</u>	<u>DRAWING NUMBER</u>	<u>REVISION</u>	<u>DATE</u>
Chilled Water Ventilation	2323-E1-0054-0	G	3/19/80
	-00	4	
	-02	4	
	-03	4	
	-04	4	
	-05	4	
	-07	4	
	-08	4	
	-09	4	
	-10	4	
	-11	4	
	-12	4	
	-13	3	
	-14	4	
	-15	3	
	-16	2	
	-17	2	
	-18	2	
	-19	2	
	-20	3	
	-21	3	
	-22	2	
	-23	3	

SYSTEMDRAWING
NUMBERREVISIONDATE

Reactor Building Safeguard
Building Sump Pumps

2323-E1-0055-0
-00
-7
-8
-16
-17
-18
-19

K
4
2
2
2
2
2
2

1/28/80

SYSTEMDRAWING
NUMBERREVISIONDATE

Ventilation System

2323-E1-0057-0

F

1/11/80

-00

2

-12

3

-13

3

-14

3

-15

2

-16

3

-17

3

-18

3

-19

3

-20

3

-21

3

-22

3

-23

3

SYSTEMDRAWING
NUMBERREVISIONDATE

Containment Ventilation

2323-E1-0059-0

L

3/19/80

-00

3

-1

2

-2

2

-13

2

-14

2

-15

2

-16

2

-19

3

-20

2

-21

3

-22

2

-23

3

-24

3

-25

3

-26

3

-27

3

-28

3

-29

3

-30

3

-31

3

-32

3

-33

3

-34

3

-35

3

-36

3

-37

3

-38

3

-39

4

-40

3

-41

3

-42

3

-43

3

-44

3

-45

3

-46

3

-47

3

-48

3

-49

3

-50

3

-51

3

-52

3

-53

2

-54

2

-58

2

-59

2

-62

3

-63

3

-64

3

SYSTEMDRAWING
NUMBERREVISIONDATE

Containment Ventilation

2323-E1-0059-65

3

-66

3

-67

3

-68

4

-69

4

-70

2

-85

1

-86

1

-89

1

<u>SYSTEM</u>	<u>DRAWING NUMBER</u>	<u>REVISION</u>	<u>DATE</u>
CVCS	2323-E1-0061-0	L	3/18/80
	-00	3	
	-1	3	
	-2	3	
	-3	3	
	-4	4	
	-5	3	
	-6	3	
	-9	2	
	-10	2	
	-14	4	
	-15	3	
	-16	3	
	-17	3	
	-18	1	
	-19	2	
	-20	2	
	-26	2	
	-27	2	
	-28	2	
	-29	2	
	-30	2	
	-31	2	
	-36	3	
	-37	3	
	-38	3	
	-39	2	
	-40	2	
	-41	2	
	-43	2	
	-44	2	
	-45	2	
	-46	2	
	-65	2	
	-66	3	
	-67	3	
	-68	3	
	-69	3	
	-74	2	
	-75	2	
	-76	2	
	-77	1	
	-80	1	
	-86	3	

<u>SYSTEM</u>	<u>DRAWING NUMBER</u>	<u>REVISION</u>	<u>DATE</u>
Safety Injection	2323-E1-0062-0	H	3/13/80
	-00	2	
	-1	2	
	-2	2	
	-5	2	
	-6	2	
	-7	2	
	-8	2	
	-9	2	
	-10	2	
	-11	2	
	-12	2	
	-13	2	
	-14	2	
	-15	2	
	-16	3	
	-17	3	
	-18	3	
	-19	3	
	-20	2	
	-21	2	
	-22	2	
	-23	3	
	-24	2	
	-25	2	
	-26	2	
	-27	2	
	-28	2	
	-29	2	
	-30	1	
	-31	1	
	-32	1	
	-33	?	
	-34	2	
	-35	2	
	-36	2	
	-37	2	
	-38	2	
	-39	2	
	-40	2	
	-41	2	
	-42	2	
	-43	2	
	-44	2	
	-45	2	
	-46	2	
	-47	2	
	-48	2	
	-49	2	
	-50	2	

<u>SYSTEM</u>	<u>DRAWING NUMBER</u>	<u>REVISION</u>	<u>DATE</u>
Safety Injection	2323-E1-0062-51	2	
	-52	2	
	-53	2	
	-54	2	
	-55	2	
	-56	2	
	-57	2	
	-58	2	
	-59	2	
	-60	2	
	-61	2	
	-62	2	
	-63	2	
	-64	2	
	-65	2	
	-66	2	
	-67	2	
	-68	2	
	-69	2	
	-70	2	
	-71	2	
	-72	2	
	-73	2	
	-74	2	
	-75	2	

SYSTEMDRAWING
NUMBERREVISIONDATE

RHR

2323-E1-0063-0

G

3/27/80

-00

2

-1

2

-2

2

-3

2

-4

3

-5

2

-6

2

-7

2

-8

2

-9

2

SYSTEMDRAWING
NUMBERREVISIONDATE

Waste Processing

2323-E1-0065-0

-00

-13

-14

-15

-16

Q

4

3

3

3

3

3/3/80

SYSTEM

DRAWING
NUMBER

Page 28 of 31
REVISION DATE

BOP Miscellaneous System
DC Switchboard Battery
Charger Inverter

2323-E1-0066-0
-00
-22
-23
-66
-84
-87

T
1
1
1
1
1
1

3/26/80

SYSTEMDRAWING
NUMBERREVISIONDATEDiesel Generator &
Monitor Lights

2323-E1-0067-0

E

3/20/80

-1	2
-2	2
-3	2
-4	2
-5	2
-6	2
-7	2
-8	2
-9	2
-10	2
-11	1
-12	1
-13	2
-14	2
-15	2
-16	2
-17	2
-18	2
-19	2
-20	2
-21	2
-22	2
-23	2
-24	2
-25	2
-26	2
-2	2
-28	2
-29	2
-30	2
-31	1
-32	1
-33	1
-34	1
-35	2
-36	2
-39	1
-40	1
-52	1
-53	1
-54	1
-55	1
-56	1
-57	1
-58	1
-59	1
-60	1
-61	1
-62	1
-63	1
-64	1
-65	1

SYSTEMDRAWING
NUMBERREVISIONDATE

NSSS Miscellaneous System

2323-E1-0070-0

-25

-26

A

1

1

3/20/80

<u>SYSTEM</u>	<u>DRAWING NUMBER</u>	<u>REVISION</u>	<u>DATE</u>
BOP & NSSS Miscellaneous Systems	2323-E1-0071-0	L	3/20/80
	-14	2	
	-15	2	
	-24	1	
	-46	2	
	-47	2	
	-48	2	
	-49	2	
	-50	2	
	-51	2	
	-52	2	
	-53	2	
	-54	2	
	-55	2	
	-56	2	
	-57	2	
	-58	2	
	-59	2	
	-60	2	
	-61	2	
	-62	2	
	-63	2	
	-64	1	
	-65	1	
	-67	1	
	-68	1	