TXU Electric
P.O. Box 1002
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James J. Kelley
Vice President

File No. 222
TXX-99148

June 16, 1999

Executive Director
Texas Natural Resource Conservation Commission
P.O. Box 13087
Austin, Texas 78711-3087

Attention: Ms. Sonia F. Dixon
Applications Team / Wastewater Permits Section (MC 148)

Comanche Peak Steam Electric Station (S.E.S.)
TPDES Permit No. 01854
Response to Request for Additional Information

Dear Ms. Dixon:

In response to your 25 May 1999 request for additional information regarding renewal of the subject permit, TXU Electric Company (formerly, Texas Utilities Electric Company) submits the following explanations and responses to each item of the agency's requests:

1. Effective 14 May 1999, Texas Utilities Electric Company formally changed its name to TXU Electric Company (TXU). Consequently, the Company requests that the permittee's name be changed to TXU Electric Company on the permit and all future correspondence. Enclosed with this letter is a *Texas Natural Resource Conservation Commission Request For Name Change On A Wastewater Discharge Permit* form to incorporate this name change.

2. Item 1 indicates that there is an outstanding balance of $3795 for the wastewater treatment fee (account number 100089) and an outstanding balance of $38,377.75 for the water quality assessment fee (account number 600085) and these fees must be paid prior to the application being declared administratively complete. Mr. Gary Spicer of TXU's Wastewater Compliance Group has spoken to Ms. Laurie Lancaster of the Commission's Applications Team concerning these outstanding fees; this issue is currently being addressed. In their conversation, TXU was assured this issue would not hinder the processing of any permit applications.

3. Item 2 requested a signed and notarized Signature Page (Page 21 of the Administrative Report). The completed Signature Page has been enclosed with this letter.

D029

4. A completed *Supplemental Permit Information Form* has been enclosed with this letter and includes the requested pictures and location map.

5. The application stated that analytical data for Outfall 104 would be submitted in the future. That information is enclosed and may be substituted for the original Outfall 104 pages.

Should you have any questions or require additional information, please contact Scott Wilde at 214/812-5221.

Sincerely yours,

James J. Kelley, Jr.

by: Paul L. Zweiacker

SKW
Enclosures

bcc: Randy Morrison
Bruce Turner (w/o enclosures)
Mr. D. H. Jaffe, NRR (w/o enclosures)
U.S. Nuclear Regulatory Commission
Office of Nuclear Reactor Regulatory
1 White Flint North
11555 Rockville Pike MS 8 H 12
Rockville, MD 20852
U.S. Nuclear Regulatory Commission, Attn: Document Control Desk
U.S. Nuclear Regulatory Commission Attn: Documents Control Desk
Washington D.C. 20555
T. A. O'Shea (w/o enclosures)
G. L. Spicer (w/o enclosures)
Gail Jespersen (Signature Page only)
File: CPSES - TPDES Permit - CORRESPONDENCE

D:\My Documents\Word Perfect Documents\TNRCC\Steam Electric\Draft Comm2.CPSES.wpd

TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

REQUEST FOR NAME CHANGE ON A WASTEWATER DISCHARGE PERMIT

I, James J. Kelley, Vice President, Nuclear Engineering and Support acting on behalf
(Name and Title)

of the owner of the treatment facility, and I, Not Applicable
(Name and Title)

acting on behalf of the operator** of the treatment facility, do hereby request the name of the permittee of Texas Natural Resource Conservation Commission Permit Number 01854, issued to

Texas Utilities Electric Company,
(Name of Permittee)

be changed:

From: Texas Utilities Electric Company

To: TXU Electric Company

pursuant to the provisions of §30 TAC 50.45.

We also certify that a name change alone has occurred, which can be verified by the Texas Secretary of State.

* [signature]	* Not Applicable
(Signature of Ranking official of Permittee/Co-Permittee who owns facility)	(Signature of Ranking official of Co-Permittee who operates facility)**
Vice President, Nuclear Engineering and Support	
(Title)	(Title)
1-254-897-5202	
(Telephone Number)	(Telephone Number)
6/10/99	
(Date of Signature)	(Date of Signature)

* Signature Requirements: The form must bear the signature of an executive officer of at least the level of vice president for corporations; ranking elected official for municipalities; general partner for partnerships; or Individuals or a person authorized to act in behalf of the permittee.

** Operator is required to sign only if operator is co-permittee on the permit.

SIGNATURE PAGE

OWNER OF FACILITY:

I, James J. Kelley, Vice President, Nuclear Engineering and Support
(Typed or Printed Name) (Title)

certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for known violations.

Signature: _____ Date: 6/4/99

NOTE: ALL APPLICATIONS MUST BEAR THE SIGNATURE AND SEAL OF NOTARY PUBLIC.

SUBSCRIBED AND SWORN to before me by the said James J. Kelley, Jr. on this 4th day of June, 1999

My commission expires on the 31st day of August, 2002.

(Seal)

NOTARY PUBLIC STATE OF TEXAS
JEAN AMUNDSON
NOTARY PUBLIC
STATE OF TEXAS
My Commission Expires 08-31-2002

Jean Amundson
Notary Public

Somervell
County, Texas

SUPPLEMENTAL PERMIT INFORMATION FORM

Instructions: All applicants must complete the Supplemental Permit Information Form and return the completed form to the TNRCC. The TNRCC will forward the completed form tho the Texas Historical Commission and U.S. Fish & Wildlife Services along withe the notice of the draft permit. Under the EPA/TNRCC Memorandum of Agreement, each agency has 30 days to comment on the proposed project. A completed form is required to have your application declared administratively complete. Failure to submit a completed from and maps to the TNRCC will delay processing of your application.

1. Permittee: **TXU Electric Company (formerly, Texas Utilities Electric Company)**

2. Permit #: **01854**

3. Address of the project (street/highway, city/vicinity, county) **4.5 miles north of Glen Rose on U.S. Highway 56, Glen Rose, Somervell County, Texas 76043**

4. If the property is publicly owned, please identify the owner **Not Applicable**

5. List construction dates of any buildings or structures on the property **Unit #1 completed construction and commenced operation in 1990 and Unit #2 completed construction and commenced operation in 1993.**

6. Provide a brief history of the property, and name of the architect/builder, if known **Both units are steam electric generation units fueled by nuclear energy. Brown & Root was the primary builder of these units and supporting buildings.**

7. List proposed construction impact (surface acres to be impacted, depth of excavation, sealing of caves or other karst features) **This is an established facility that has been in operation since 1990.**

8. Describe existing disturbances & land use (plowing, other ground disturbances) **None**

9. Please provide photographs of buildings on the property. **Attached**

10. Does your project involve any of the following? Please indicate yes by circling the appropriate letter. **No**
    - i. Proposed access roads, utility lines, and construction easements
    - ii. Visual effects that could damage of detract from a historic property's integrity
    - iii. Vibration effects during construction, or as a result of project design
    - iv. Additional phased of development that are planned for the future
    - v. Sealing of caves, fractures, sinkholes, or other karst features

11. Please provide the name of the water body or TNRCC segment number that will receive the project discharge. **Squaw Creek Reservoir; thence to Squaw Creek; thence to the Paluxy River in Segment No. 1229 of the Brazos River Basin.**

12. Please provide a 7.5 minute USGS quadrangle map with the project boundaries plotted. **Attached**

13. Please provide a general location map showing the project area. **Please see Item 12**

3. Outfalls that contain any wastewater other than storm water (e.g., process wastewater, utility wastewater, domestic wastewater, groundwater, etc.) must complete TABLE B-1. Facilities that utilize land application or evaporation for wastewater treatment/disposal must also provide these analytical results.

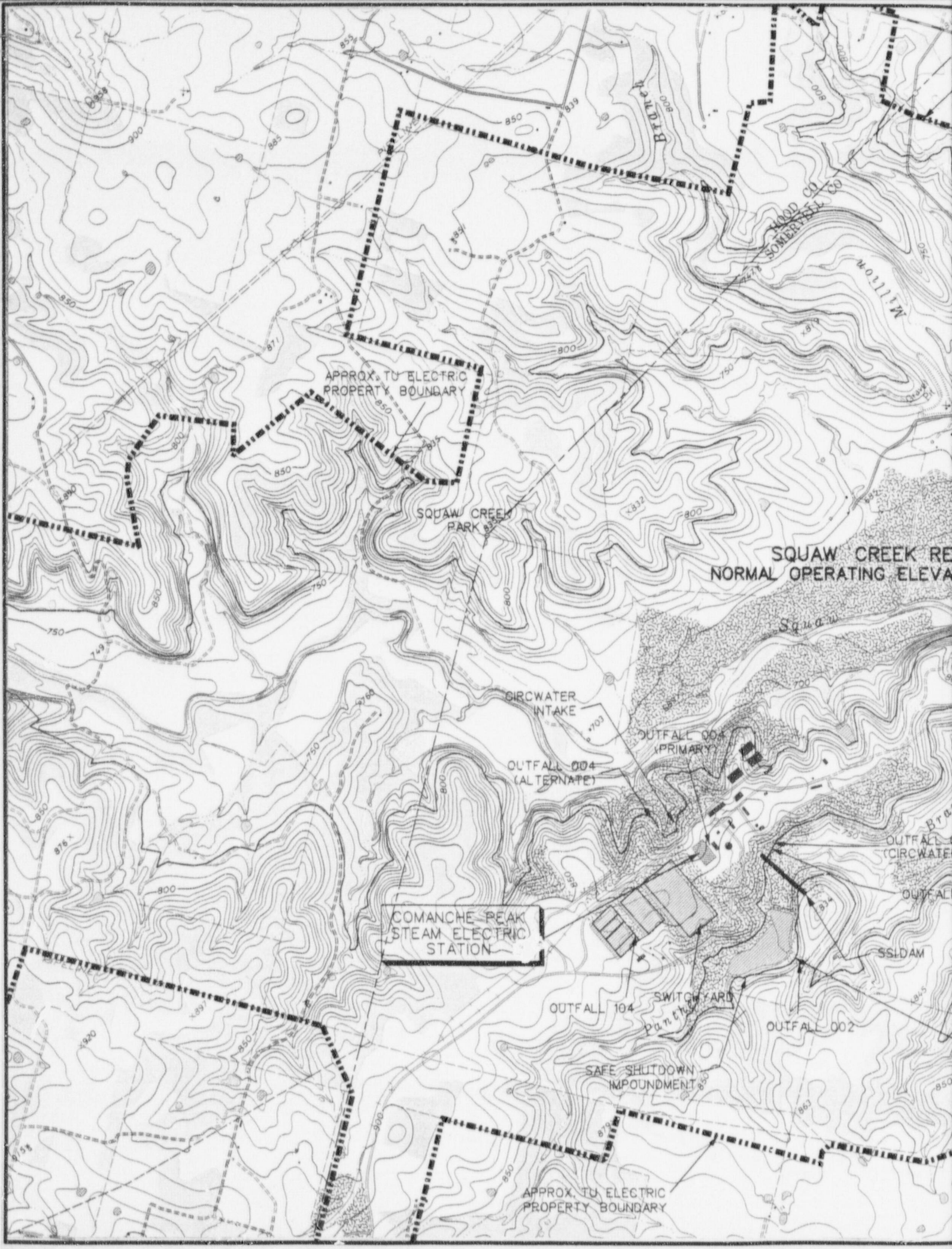
TABLE B-1

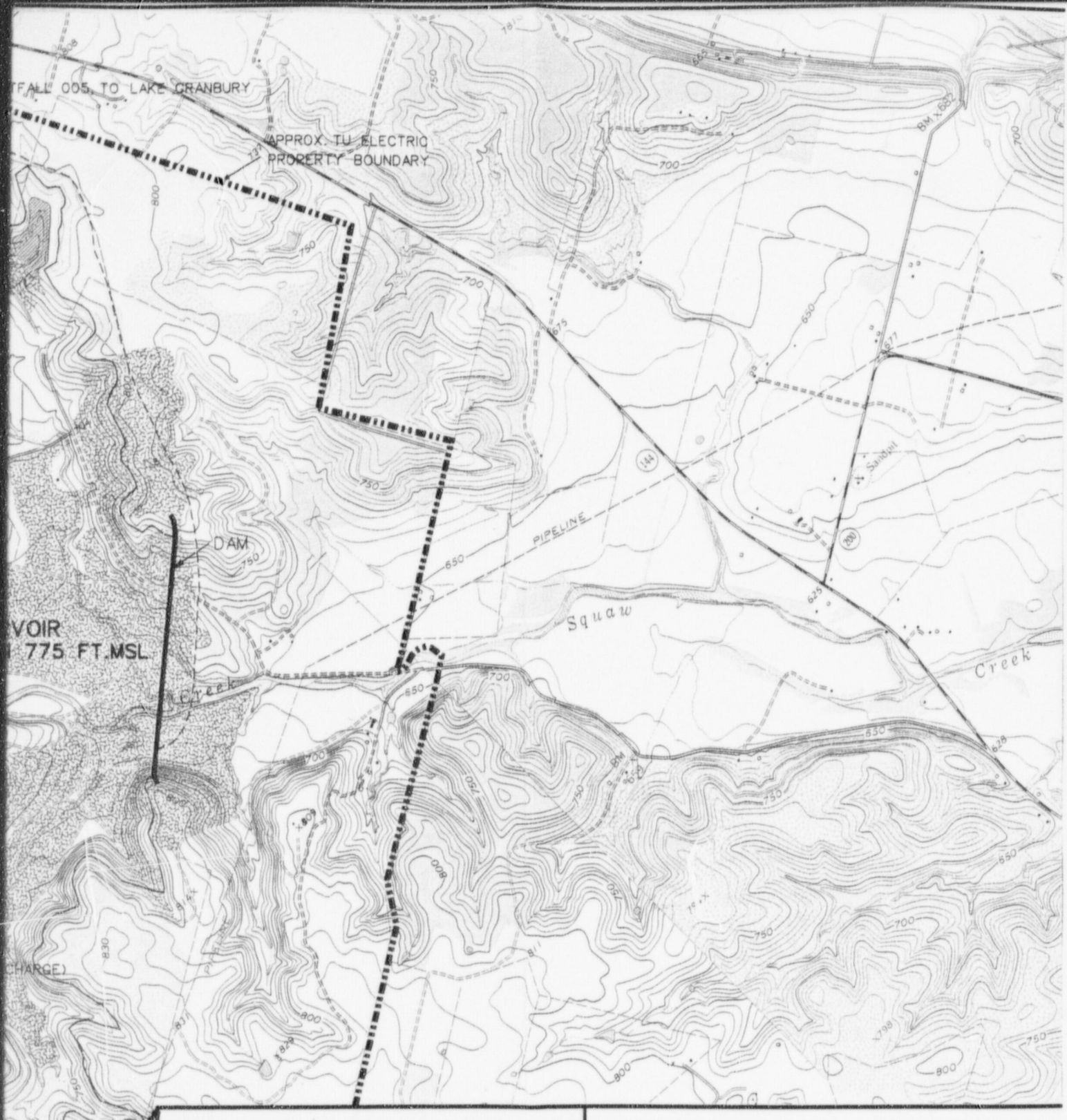
OUTFALL 104[1] Sample Type: GRAB X COMPOSITE ____

POLLUTANT	INFLUENT CONCENTRATION (mg/l) AVG.	INFLUENT CONCENTRATION (mg/l) MAX.	NUMBER OF SAMPLES	EFFLUENT CONCENTRATION (mg/l) AVG.	EFFLUENT CONCENTRATION (mg/l) MAX.	NUMBER OF SAMPLES
BOD (5-day)	____	____	____	NA	NA	NA
CBOD (5-day)	____	____	____	N/A	N/A	N/A
Chemical Oxygen Demand	____	____	____	7200	7600	4
Total Organic Carbon	____	____	____	9750	24300	4
Ammonia Nitrogen	____	____	____	575.5	667	4
Total Suspended Solids	____	____	____	28	36	4
Nitrate Nitrogen				6.4	7.1	4
Total Organic Nitrogen				1803	2080	4
Total Phosphorus				1.95	2.1	4
Oil and Grease				10	37	4
Total Residual Chlorine				N/A	N/A	N/A
Total Dissolved Solids				6923	9200	4
Sulfate				128.5	143	4
Chloride				14.75	15	4
Fluoride				23.15	24.2	4
Fecal Coliform				N/A	N/A	N/A
Temperature ('F)				72	76	4
pH (Standard Units; min/max)				7.55	7.60	4

POLLUTANT	EFFLUENT CONCENTRATION (µg/l) AVG.	EFFLUENT CONCENTRATION (µg/l) MAX.	NUMBER OF SAMPLES	MAL µg/l
Total Aluminum	1693	1920	4	30
Total Antimony	0	0	4	30
Total Arsenic	16.25	22	4	10
Total Barium	525.3	994	4	10
Total Beryllium	0	0	4	5
Total Cadmium	0	0	4	1
Total Chromium	480.8	490	4	10
Trivalent Chromium	NA	NA	NA	--
Hexavalent Chromium	NA	NA	NA	10
Total Copper	88.25	95	4	10
Cyanide, (Total, Amenable to Chlorination or weak-Acid Dissociable	0.188	0.24	4	20
Total Lead	21.5	23	4	5
Total Mercury	0	0	4	0.2
Total Nickel	32525	33500	4	10
Total Phenols	0	0	4	20
Total Selenium	0	0	4	10
Total Silver	0	0	4	2
Total Thallium	0	0	4	10
Total Zinc	506.8	541	4	5

[1] **This is an evaporation pond and would be treated before a release. Data represents analysis of untreated wastewater.**


APPROX. TU ELECTRIC PROPERTY BOUNDARY
SQUAW CREEK PARK
SQUAW CREEK RE
NORMAL OPERATING ELEVA
CIRCWATER INTAKE
OUTFALL 004 (PRIMARY)
OUTFALL 004 (ALTERNATE)
COMANCHE PEAK STEAM ELECTRIC STATION
SSI DAM
SWITCHYARD
OUTFALL 104
OUTFALL 002
SAFE SHUTDOWN IMPOUNDMENT
APPROX. TU ELECTRIC PROPERTY BOUNDARY
Squaw
Brazos
Paluxy
HOOD CO
SOMERVELL CO



BASE MAP

USGS 7.5 Minute Series
HILL CITY, TEXAS
(Photorevised 1979)
NEMO, TEXAS
(Photorevised 1979)

PREVAILING WIND
(FROM SOUTH)

N

0 1000 2000 4000

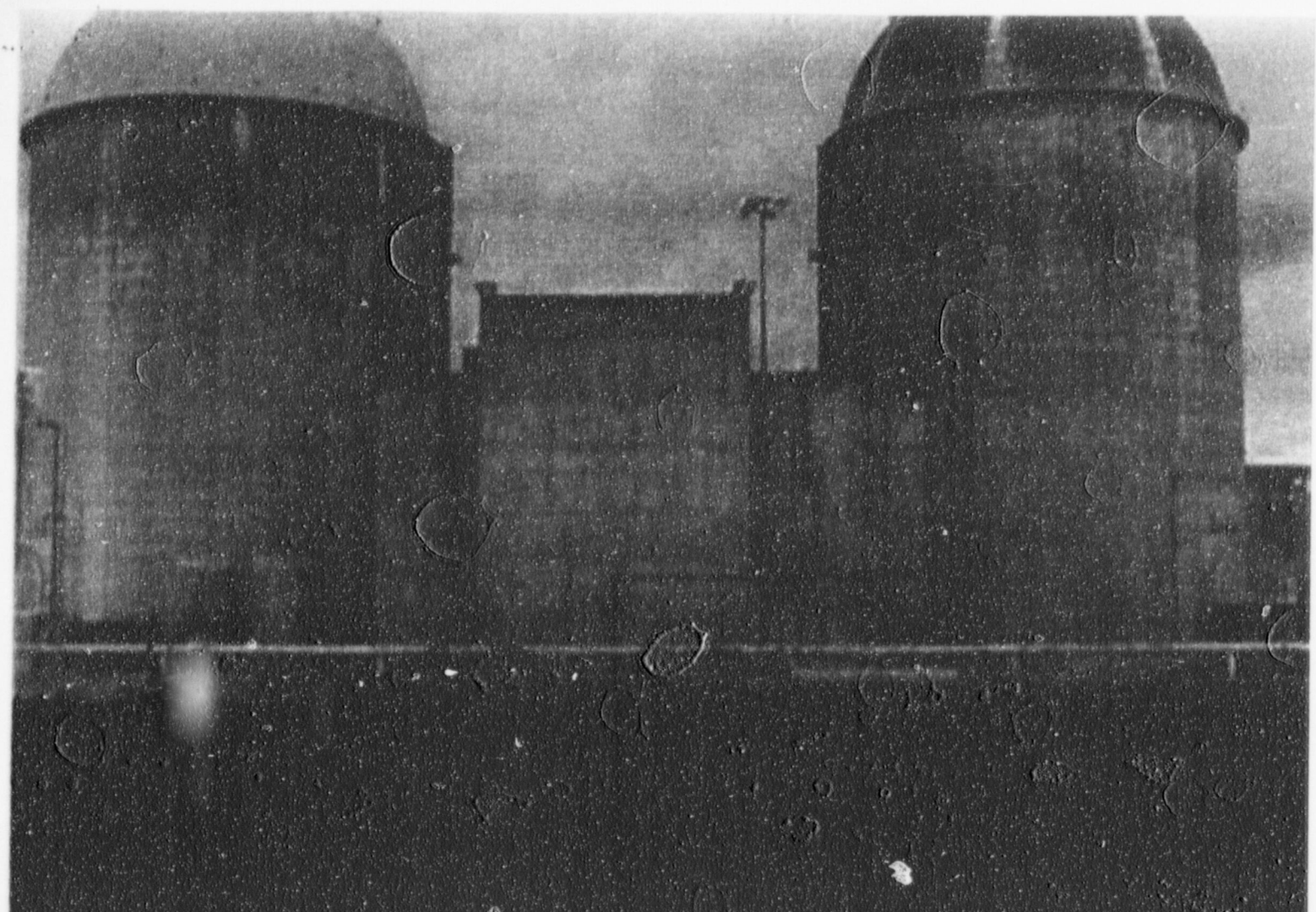
SCALE: 1"=2000'

T.U. ELECTRIC
COMANCHE PEAK STEAM ELECTRIC STATION

LOCATION MAP

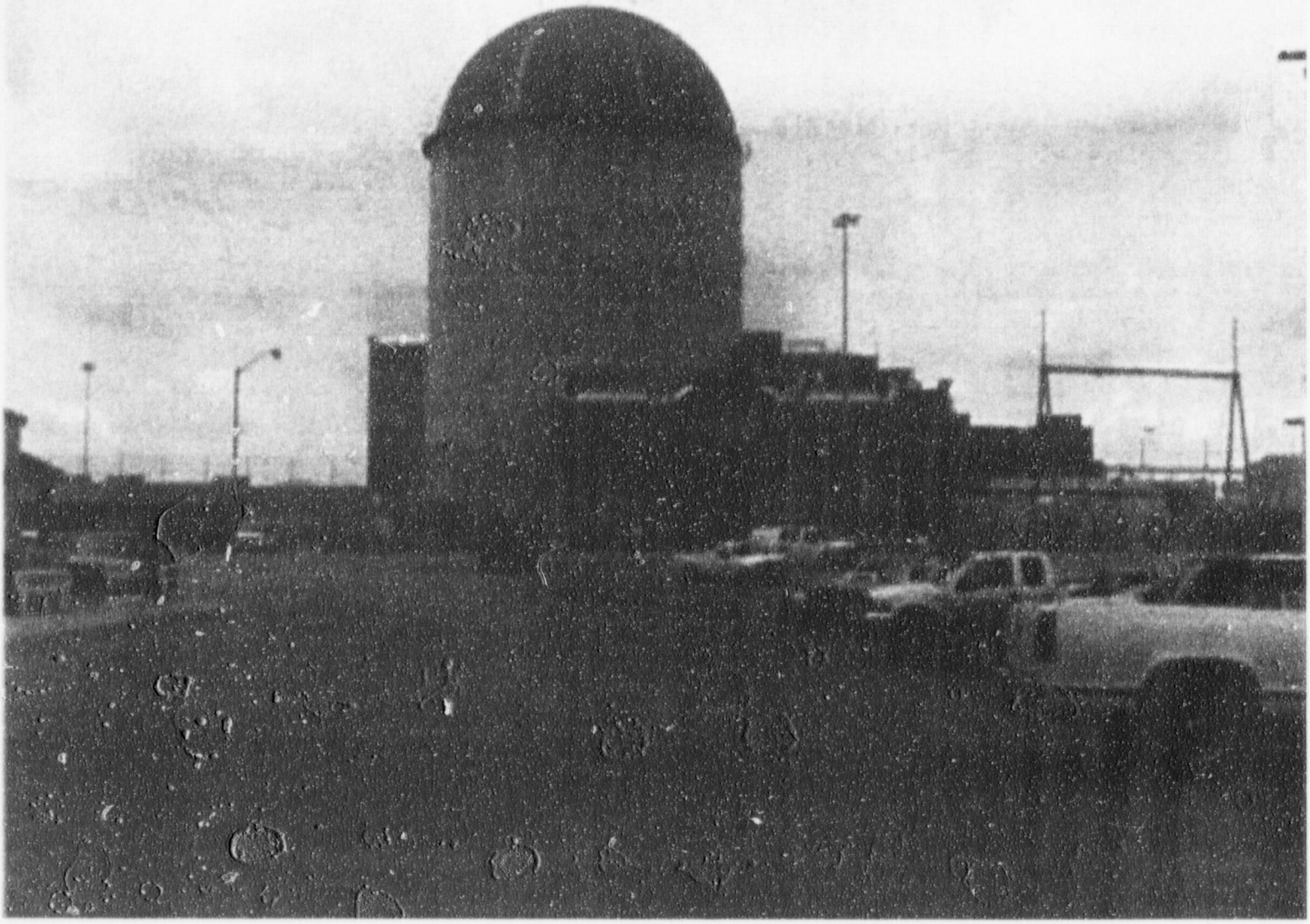
9906230200 - 01

DRAWN:	APPROVED:	DATE:	DGN.NO. :
COLDEN	S.WILDE	5-11-99	T:/TUMCO/DRAWINGS/OTHER/COM.PEAK.DGN



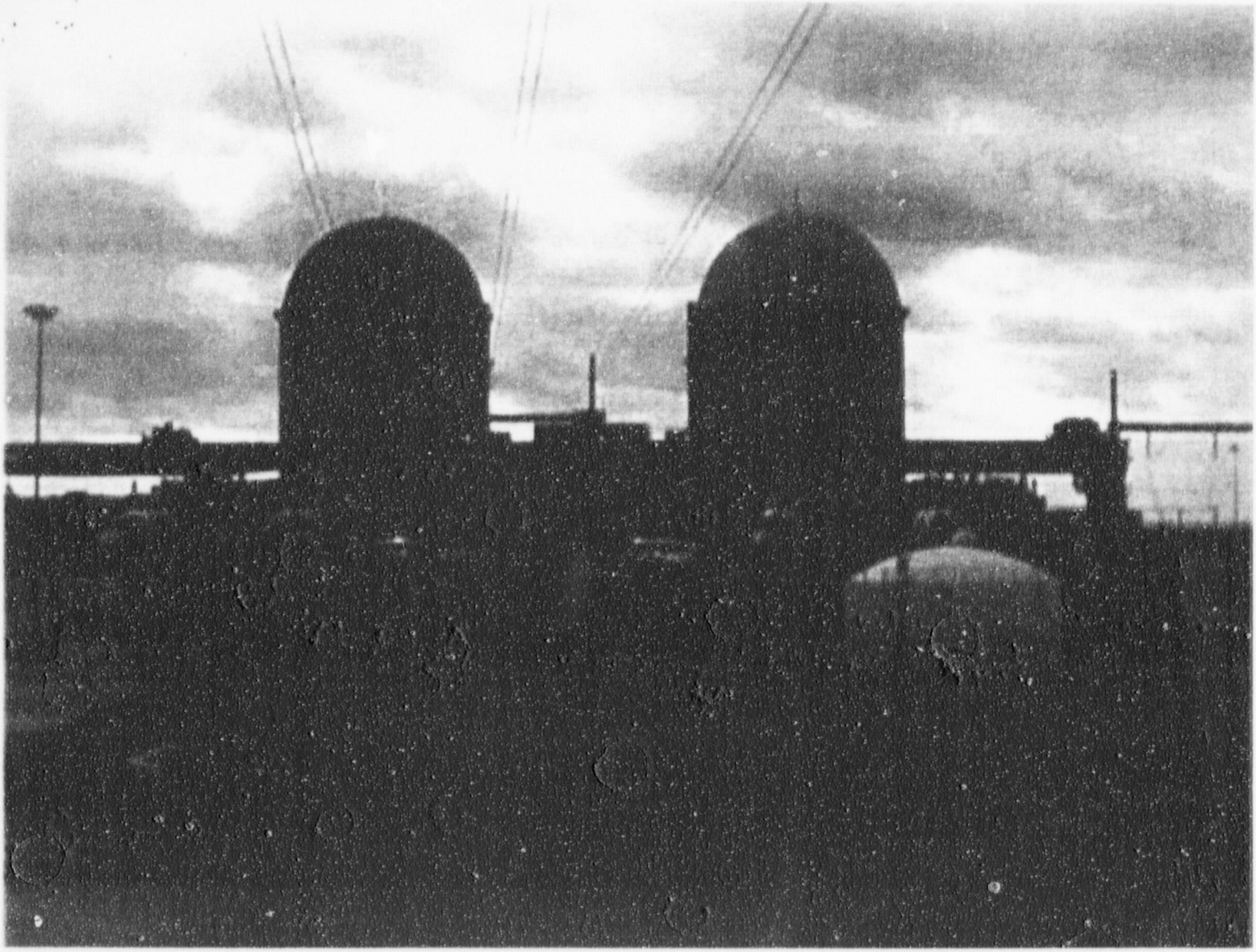
Comanche Peak Steam Electric Station

View from the east



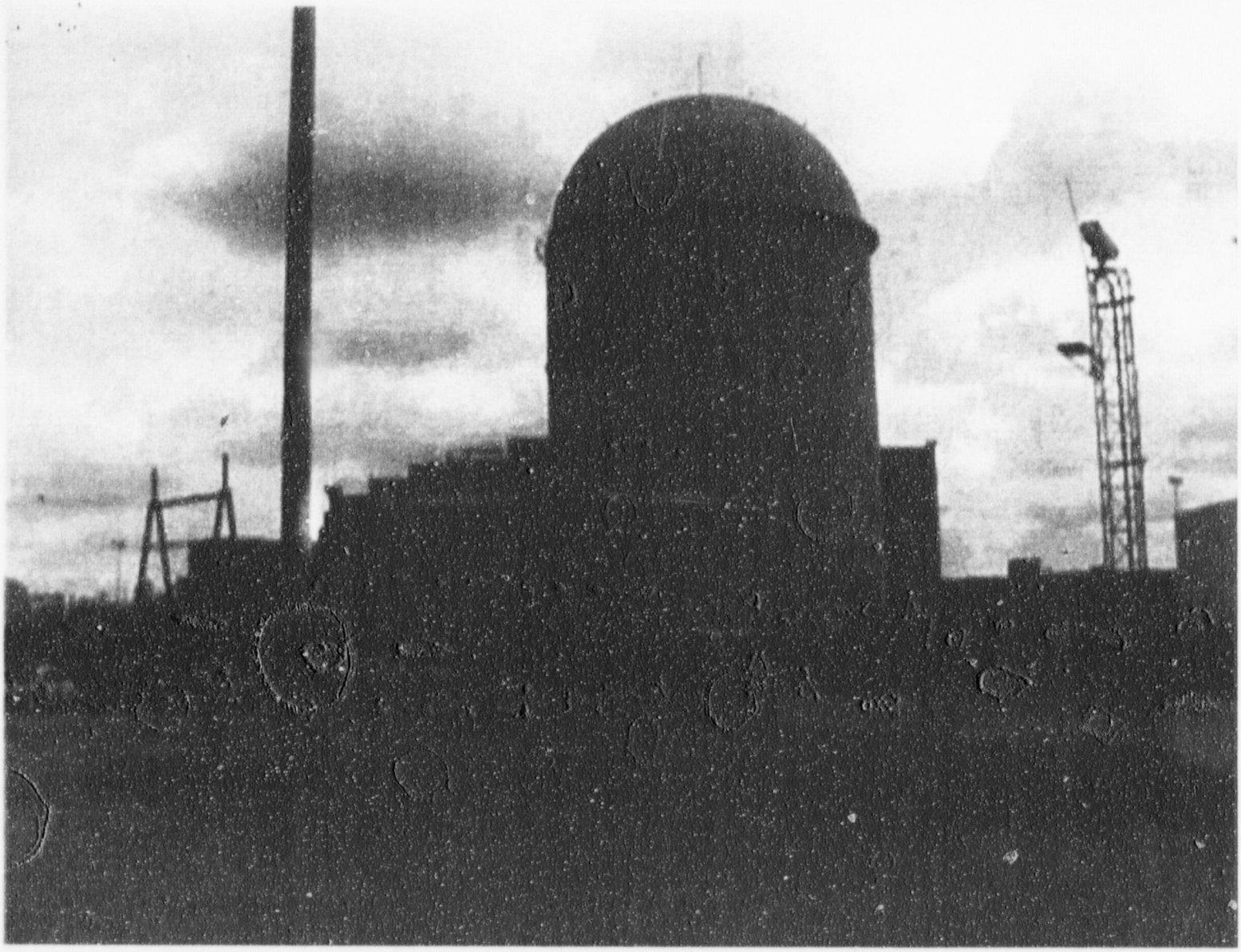
Comanche Peak Steam Electric Station

View from the north



Comanche Peak Steam Electric Station

View from the west



Comanche Peak Steam Electric Station

View from the south

4. TABLE B-2 contains a 'list of organic compounds included in the Texas Surface Water Quality Standards at 30 TAC 307.6. TABLE B-2 must be completed with the results of an analysis of all pollutants for each outfall that contains process wastewater. In addition, an analysis for each continuously discharging nonprocess outfall (including noncontact cooling water) must be provided for only those pollutants in TABLE B-2 that are used at the facility as a feedstock, intermediate, product, byproduct, coproduct, maintenance chemical or that could in any way contribute to contamination in the wastewater streams.

TABLE B-2

OUTFALL 104[a]

POLLUTANT	CONC. µg/l (*1) AVG.	MAX.	NUMBER OF SAMPLES	MAL (µg/l)
Benzene	____	<10	1	10
Benzidine	____	____	____	50
Benzo (a) anthracene	____	____	____	10
Benzo (a) pyrene	____	____	____	10
Bis(chloromethyl)ether	____	____	____	(*2)
Carbon Tetrachloride	____	<10	1	10
Chlorobenzene	____	<10	1	10
Chloroform	____	<10	1	10
Chrysene	____	____	____	10
Cresols	____	____	____	(*3)
Dibromochloromethane	____	<10	1	10
1,2-Dibromoethane	____	____	____	2
1,4-Dichlorobenzene	____	____	____	10
1,2-Dichloroethane	____	<10	1	10
1,1-Dichloroethylene	____	____	____	10
Fluoride	23.15	24.2	4	500
Hexachlorobenzene	____	____	____	10
Hexachlorobutadiene	____	____	____	10
Hexachloroethane	____	____	____	20
Methyl Ethyl Ketone	____	____	____	50
Nitrobenzene	____	____	____	10
n-Nitrosodiethylamine	____	____	____	20
n-Nitroso-di-n-Butylamine	____	____	____	20
PCB's, Total (*4)	____	____	____	1
Pentachlorobenzene	____	____	____	20
Pentachlorophenol	____	____	____	50
Phenanthrene	____	____	____	10
Pyridine	____	____	____	20
1,2,4,5-Tetrachlorobenzene	____	____	____	20
Tetrachloroethylene	____	____	____	10
Trichloroethylene	____	____	____	10
1,1,1-Trichloroethane	____	<10	1	10
2,4,S-Trichlorophenol	____	____	____	50
TTHM (Total Trihalomethanes)	____	____	____	10
Vinyl Chloride	____	<10	1	10

(*1) Indicate units if different from µg/l

(*2) Hydrolyzes in water. will not require applicant to analyze at this time.

(*3) MAL's for Cresols:p-Chloro-m-Cresol 10 µg/l;4,6-Dinitro-o-Cresol SO µg/l;p-Cresol 10 µg/l

(*4) Total of PCB-1242, PCB-1254, PCB-1221, PCB-1232, PCB-1248, PCB-1260, PCB-1016.

(a) Available data is provided. The Company has no specific knowledge of the presence of these constituents in this effluent or of their use as a feed stock, intermediate product, by-product, co-product, maintenance chemical or potential contaminant. The requirement to provide this data is, therefore, not applicable.

5. TABLE B-3 contains testing requirements for the compound "Tributyltin" and for the indicator bacteria "enterococci." Not all applicants are required to test for tributyltin or enterococci. Testing is required only under the following conditions:

A. TRIBUTYLTIN

Testing will be required for 1) industrial /commercial facilities which directly dispose of wastewater from the types of operations listed below OR 2) domestic facilities which receive wastewater from the types of industrial/commercial operations listed below. Please check all that apply.

_____ 1) Manufacturers and formulators of tributyltin or related compounds, including, but not limited to SIC code 2879. Testing required.

_____ 2) Painting of ships, boats and marine structures, including, but not limited to SIC code 1721. Testing required.

_____ 3) Ship and boat building and repairing, including, but not limited to SIC codes 3731, 3732 and 3441. Testing required.

_____ 4) Ship and boat cleaning, salvage, wrecking and scaling, including, but not limited to SIC codes 4499 and 7699. Testing required.

_____ 5) Operation and maintenance of marine cargo handling facilities and marinas, including, but not limited to SIC codes 4491 and 4493. Testing required.

_____ 6) Facilities engaged in wood preserving, including, but not limited to, SIC code 2491. Testing required.

_____ 7) Any other industrial/commercial facility for which tributyltin is known to be present, or for which there is any reason to believe that tributyltin may be present in the effluent. Testing required.

__X__ 8) None of the above. No testing required.

B. ENTEROCOCCI

Testing will be required for all dischargers directly into the Houston Ship Channel (classified stream segment nos. 1006 or 1007). Please check all that apply

_____ 1) Discharge is directly to the Houston Ship Channel (classified stream segment number 1006 or 1007). Testing required.

__X__ 2) Discharge is not directly to the Houston Ship Channel (classified stream segment number 1006 or 1007). No testing required.

TABLE B-3

OUTFALL _____

POLLUTANT	Concentration AVG.	MAX.	Units	NUMBER OF SAMPLES	MAL (ug/l)
Tributyltin	_____	_____	_____	_____	0.010
Enterococci	_____	_____	_____	_____	N/A

6. TABLE B-4 contains a list of pesticide compounds included in the Texas Surface Water Quality Standards at 30 TAC 307.6. TABLE 13-4 must be completed -f the facility manufactures or formulates pesticides or herbicides. Complete TABLE B-4 with the results of an analyses for each outfall that contains process wastewater or may contain pesticides or herbicides. Report an average and maximum value if more than one analytical result is available.

__X__ N/A: This facility does not manufacture or formulate pesticides or herbicides.

TABLE B-4

OUTFALL _____

POLLUTANT	CONCENTRATION (µg/l)* AVG.	MAX.	NUMBER OF SAMPLES	MAL (µg/l)
Aldrin	____	____	____	0.05
Alpha-hexachlorocyclohexane	____	____	____	0.05
Beta-hexachlorocyclohexane	____	____	____	0.05
Carbaryl	____	____	____	5
Chlordane	____	____	____	0.15
Chlorpyrifos	____	____	____	0.05
2,4-D	____	____	____	10
Danitol	____	____	____	---
4,4--DDD	____	____	____	0.1
4,4'-DDE	____	____	____	0.1
4,4'-DDT	____	____	____	0.1
Demeton	____	____	____	0.2
Diazinon	____	____	____	0.5
Dicofol	____	____	____	20
Dieldrin	____	____	____	0.1
Diuron	____	____	____	---
Endosulfan I (alpha)	____	____	____	0.1
Endosulfan II (beta)	____	____	____	0.1
Endosulfan Sulfate	____	____	____	0.1
Endrin	____	____	____	0.1
Gamma - Hexachlorocyclohexane (Lindane)	____	____	____	0.05
Guthion	____	____	____	0.10
Heptachlor	____	____	____	0.05
Heptachlor Epoxide	____	____	____	1.0
Hexachlorophene	____	____	____	10
Malathion	____	____	____	0.10
methoxychlor	____	____	____	2
Mirex	____	____	____	0
Parathion	____	____	____	0
Toxaphene	____	____	____	5
2,4,5-TP (Silvex)	____	____	____	2

7. Review the following TABLE B-5 and mark the appropriate column with an "X" if you believe a specific constituent to be present or absent in your discharge. Base your determination on your knowledge of raw materials, maintenance chemicals, intermediates, and products handled at your facility and/or previous analyses of your wastewater. You must provide the results of at least one analysis for each constituent believed present. Report an average and maximum value if more than one analytical result is available.

TABLE B-5

OUTFALL 104

POLLUTANT	BELIEVED PRESENT	BELIEVED ABSENT	CONCENTRATION (mg/l)* AVG.	MAX	NUMBER OF SAMPLES
Bromide		X			4
Color(PCU)	X		6500	10000	4
Nitrate-Nitrite (as N)	X		0.08	0.20	4
Sulfide (as S)		X			4
Sulfite (as SO,)		X			4
Surfactants		NA	NA	NA	NA
Total Antimony		X			4
Total Beryllium	X		0.001	0.003	4
Total Boron		X			4
Total Cobalt	X		0.13	0.13	4
Total Iron	X		316	416	4
Total Magnesium	X		7.15	7.60	4
Total Molybdenum	X		0.06	0.07	4
Total Manganese	X		3.92	3.99	4
Total Thallium		X			4
Total Tin		X			4
Total Titanium	X		0.3	0.31	4

* Indicate units if different from mg/l.

8 Table 3-6 is a list of primary industrial categories with a breakdown of Gas Chromatography/Mass Spectrometry (GC/MS) testing requirements for Priority Pollutants. Categories are defined in 40 CFR Parts 400 - 471. Check any category(s) that apply to your facility and provide the indicated analysis for Priority Pollutants listed in Table B-6.

TABLE B-6

____ N/A	GC/MS Testing Required			
	Volatile	Acid	Base/Neutral	Pesticides
____ Adhesives and Sealants	Yes	Yes	Yes	No
____ Aluminum Forming	Yes	Yes	Yes	No
____ Auto and Other Laundries	Yes	Yes	Yes	Yes
____ Battery Manufacturing	Yes	No	Yes	No
____ Coal Mining	No	No	No	No
____ Coil Coating	Yes	Yes	Yes	No
____ Copper Forming	Yes	Yes	Yes	No
____ Electric and Electronic Components	Yes	Yes	Yes	Yes
____ Electroplating	Yes	Yes	Yes	No
____ Explosives Manufacturing	No	Yes	Yes	No
____ Foundries	Yes	Yes	Yes	No
____ Gum and Wood Chemicals				
____ Subparts A,B,C,E	Yes	Yes	No	No
____ Subparts D,F	Yes	Yes	Yes	No
____ Inorganic Chemicals	Yes	Yes	Yes	No
____ Iron and Steel Mfg.	Yes	Yes	Yes	No
____ Leather Tanning/Finishing	Yes	Yes	Yes	No
____ Mechanical Products Mfg.	Yes	Yes	Yes	No
____ Nonferrous Metals Mfg.	Yes	Yes	Yes	Yes
____ Ore Mining (Subpart B)	No	Yes	No	No
____ Organic Chemicals, Plastics and Synthetic Fibers	Yes	Yes	Yes	Yes
____ Paint and Ink Formulation	Yes	Yes	Yes	No
____ Pesticides	Yes	Yes	Yes	Yes
____ Petroleum Refining	Yes	Yes	Yes	No
____ Pharmaceutical Preparations	Yes	Yes	Yes	No
____ Photographic Equipment and Supplies	Yes	Yes	Yes	No
____ Plastic Processing	Yes	No	No	No
____ Porcelain Enameling	No	No	No	No
____ Printing and Publishing	Yes	Yes	Yes	Yes
____ Pulp and Paperboard Mills				
____ Subparts A,B,C,D,R	*	Yes	*	Yes
____ Subparts F,G,H,I, K,L,M,N,O,P,	Yes	Yes	*	Yes
____ Subparts E,Q,S,T	Yes	Yes	*	Yes
____ Subparts J,U	Yes	Yes	Yes	*
____ Rubber Processing	Yes	Yes	Yes	No
____ Soap and Detergent Mfg.	Yes	Yes	Yes	No
X Steam Electric Power Plants	Yes	Yes	No	No
____ Textile Mills (Not Subpart C)		Yes	Yes	Yes No
____ Timber Products Processing	Yes	Yes	Yes	Yes

Test if "believed present"

9. Table B-7 contains a list of priority pollutants. If you are a primary industry as shown in Table B-6 and process wastewater is discharged, you must analyze for those GC/MS fractions as shown in Table 3-7. If you are not a primary industry and if you believe that a specific constituent (except for: acrolein, acrylonitrile, 2,4 dinitrophenol, or 2-methyl-4,6 dinitrophenol) is present in an amount greater than 10 ppb you must provide the results of at least one analysis. If you believe that acrolein, acrylonitrile, 2,4 dinitrophenol, or 2-methyl-4,6 dinitrophenol is present in an amount greater than 100 ppb you must provide results for these chemicals. Base your determination on your knowledge of raw materials, maintenance chemicals, intermediates, and products handled at your facility or analysis of your wastewater. Report an average and a maximum value if more than one analytical result is available.

TABLE B-7

OUTFALL 104

POLLUTANT	CONCENTRATION (µg/l) * AVG.	MAX.	NUMBER OF SAMPLES	MAL (µg/l)
VOLATILE COMPOUNDS				
Acrolein		≤50	1	50
Acrylonitrile		≤50	1	50
Benzene		≤10	1	10
Bromoform		≤10	1	10
Carbon Tetrachloride		≤10	1	10
Chlorodibromomethane		≤10	1	10
Chloroethane		≤10	1	10
2-Chloroethylvinyl Ether		≤50	1	50
Chloroform		≤10	1	10
Dichlorobromomethane		≤10	1	10
1,1-Dichloroethane		≤10	1	10
1,2-Dichloroethane		≤10	1	10
1,1-Dichloroethylene		≤10	1	10
1,2-Dichloropropane		≤10	1	10
1,3-Dichloropropylene		≤10	1	10
Ethylbenzene		≤10	1	10
Methyl Bromide		≤20	1	20
Methyl Chloride		≤20	1	20
Methylene Chloride		≤20	1	20
1,1,2,2-Tetrachloroethane		≤10	1	10
Tetrachloroethylene,		≤10	1	10
Toluene		≤10	1	10
1,2-Trans-Dichloroethylene		≤10	1	10
1,1,1-Trichloroethane		≤10	1	10
1,1,2-Trichloroethane		≤10	1	10
Trichloroethylene		≤10	1	10
Vinyl Chloride		≤10	1	10

*** Indicate units if different from µg/l**

TABLE B-7 (con't)

OUTFALL 104

POLLUTANT	CONCENTRATION (µg/l)* AVG.	MAX.	NUMBER OF SAMPLES	MAL (µg/l)
ACID COMPOUNDS				
2-Chlorophenol		≤10	1	10
2,4-Dichlorophenol		≤10	1	10
2,4-Dimethylphenol		≤10	1	10
4,6-Dinitro-o-Cresol		≤50	1	50
2,4-Dinitrophenol		≤50	1	50
2-Nitrophenol		≤20	1	20
4-Nitrophenol		≤50	1	50
P-Chloro-m-Cresol		≤10	1	10
Pentachlorophenol		≤50	1	50
Phenol		≤10	1	10
2,4,6-Trichlorophenol		≤10	1	10
BASE/NEUTRAL COMPOUNDS(1)				
Acenaphthene				10
Acenaphthylene				10
Anthracene				10
Benzidine				50
Benzo (a) Anthracene				10
Benzo (a) Pyrene				10
3,4-Benzofluoranthene				10
Benzo (ghi) Perylene				20
Benzo (k) Fluoranthene				10
Bis (2-Chloroethoxy) Methane				10
Bis (2-Chloroethyl) Ether				10
Bis (2-Chloroisopropyl) Ether				10
Bis (2-Ethylhexyl) Phthalate				10
4-Bromophenyl Phenyl Ether				10
Butylbenzyl Phthalate				10
2-Chloronaphthalene				10
4-Chlorophenyl Phenyl Ether				10
Chrysene				10
Dibenzo (a,h) Anthracene				20
1,2-Dichlorobenzene				10
1,3-Dichlorobenzene				10
1,4-Dichlorobenzene				10
3,3-Dichlorobenzidine				50
Diethyl Phthalate				10
Dimethyl Phthalate				10
Di-n-Butyl Phthalate				10
2,4-Dinitrotoluene				10
2,6-Dinitrotoluene				10
Di-n-Octyl Phthalate				10
1,2-Diphenyl Hydrazine (as Azobenzene)				20

* **Indicate units if different from µg/l**

(1) **See Page B-8**

TABLE B-7 (con't)

OUTFALL 104

POLLUTANT	CONCENTRATION (µg/l) * AVG.	MAX.	NUMBER OF SAMPLES	MAL (µg/l)
BASE/NEUTRAL COMPOUNDS (con't)				
Fluoranthene				10
Fluorene				10
Hexachlorobenzene				10
Hexachlorobutadiene				10
Hexachlorocyclopentadiene				10
Hexachloroethane				20
Indeno(1,2,3-cd)pyrene				20
Isophorone				10
Naphthalene				10
Nitrobenzene				10
N-Nitrosodimethylamine				20
N-Nitrosodi-n-Propylamine				20
N-Nitrosodiphenylamine				20
Phenanthrene				10
Pyrene				10
1,2,4-Trichlorobenzene				10
PESTICIDES (1)				
Aldrin				0.05
alpha-BHC				0.05
beta-BHC				0.05
gamma-BHC				0.05
delta-BHC				0.05
Chlordane				0.15
4,4-DDT				0.1
4,4-DDE				0.1
4,4-DDD				0.1
Dieldrin				0.1
alpha-Endosulfan				0.1
beta-Endosulfan				0.1
Endosulfan Sulfate				0.1
Endrin				0.1
Endrin Aldehyde				0.1
Heptachlor				0.05
Heptachlor Epoxide				1.0
PCB-1242				1.0
PCB-1254				1.0
PCB-1221				1.0
PCB-1232				1.0
PCB-1248				1.0
PCB-1260				1.0
PCB-1016				1.0
Toxaphene				5.0

* **Indicate units if different from µg/l**

(1) **See Page B-8**