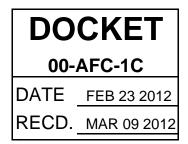


February 23, 2012

Mr. Craig Hoffman Compliance Project Manager California Energy Commission 1516 Ninth Street, MS-2000 Sacramento, CA 95814

Mailing Addre	SS.
Pacific Gas & Electric Compa	ny
Gateway Generating Stati	on
3225 Wilbur Av	ve.
Antioch, CA 945	09
(925) 522-78	01



Reference: PG&E Gateway Generating Station (00-AFC-01C)

Subject: PETITION FOR INSIGNIFICANT PROJECT CHANGE TO PLANT FACILITY

Dear Mr. Hoffman,

Enclosed is a PETITION FOR INSIGNIFICANT PROJECT CHANGE TO PLANT FACILITY to install a new nominal 40,000 gallons bolted carbon steel storage tank which will be used to contain the additional volume of reclaimed water produced during increased frequency of start-up/shut down activities. The installation of this proposed additional storage tank will result in increased re-use rate of reclaimed water and decreased waste water discharge rate.

We have reviewed Commission Decision (00-AFC-1), and we believe that the above requested insignificant project change will not result in any new environmental impacts or require any modification to the existing Conditions of Certification contained in the Final Decision. However, we decided to submit the enclosed petition in an abundance of caution. If you have any questions regarding this matter, please contact Angel Espiritu at (925) 522-7838.

Sincerely,

Ronald Á. Gawer Senior Plant Manager

Enclosure: a/s Cc: File

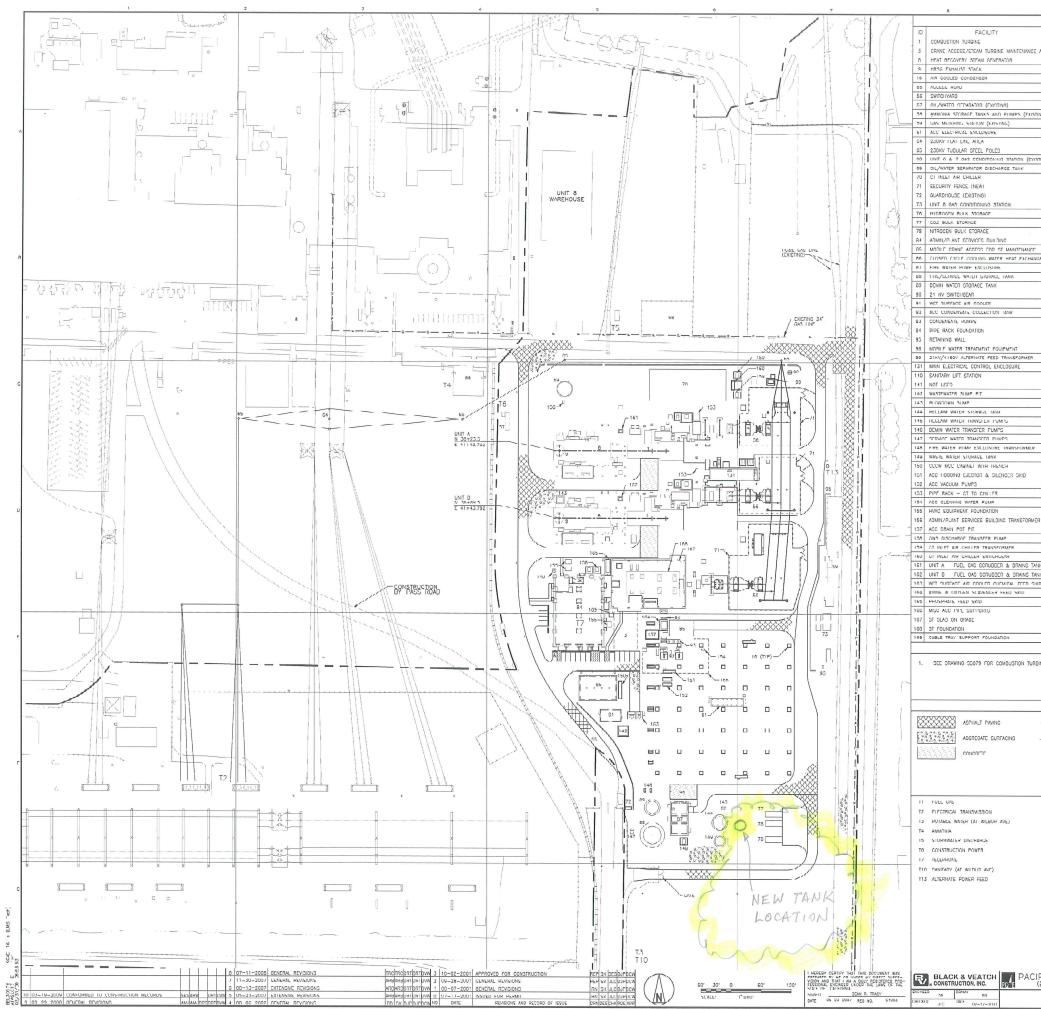
PETITION FOR INSIGNIFICANT PROJECT CHANGE AT GATEWAY GENERATING STATION (GGS)

- <u>Adding One (1) Nominal 40,000 Gallons Storage Tank at the GGS Site</u> The current GGS facility configuration includes a nominal 100,000 gallons reclaimed water storage tank. This tank is used to contain reclaimed water generated from different sources in the plant, which includes the Heat Recovery Steam Generator (HRSG) blow-down water, and steam condensate. The reclaimed water is re-used in the Wet Surface Air Cooler (WSAC) system and HRSG. In the 2010 operation of the plant, it was found that additional storage capacity is needed to contain the additional volume of reclaimed water resulting from more frequent start-up/shut down activities. As a temporary measure, a 22,000-gallon portable (FRAC) tank is being used to contain the additional volume of reclaimed water.
 - a. **Description of Modification**: This modification proposes to install a new nominal 40,000 gallons bolted carbon steel storage tank, which is the same specification for the existing waste water storage tank at the facility. The proposed tank will be used to contain the additional volume of reclaimed water produced during the increased frequency of start-up/shut down activities. This modification also includes the installation of additional forwarding pump, valves, and interconnecting pipes. The new tank will be located near the existing 100,000 gallon reclaimed water tank (See attached Facility Layout.). Also attached is the Design Drawing for details on equipment specification.

The new tank will provide extended retention time for the reclaimed water, originally at approximately 140 °F, to cool down below 100 °F for re-use in the system without the need to add significant volume of quenching water. By reducing the use of quenching water, the reclaimed water re-use rate is increased and the waste water discharge rate is decreased.

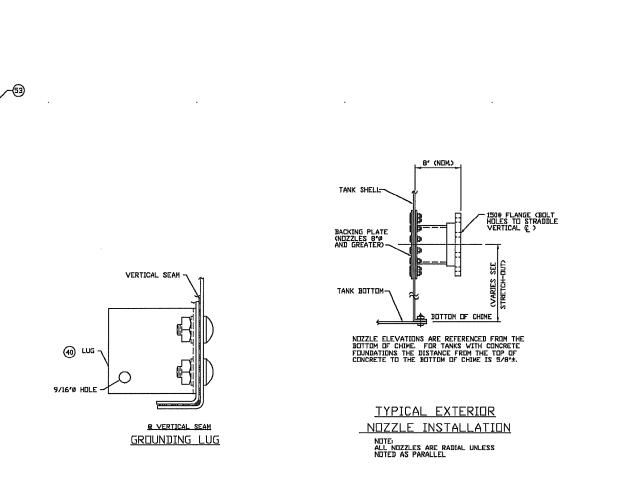
- b. **Necessity for the Modification**: Due to an increase in the frequency of startup/shut down (cycling) activities, there is a need to contain the resulting additional volume of reclaimed water in a more efficient and safe manner.
- c. **Modification was not known at the time of Certification**: The need for this modification became apparent only after the unit began cycling more frequently.
- d. If the modification is based on new information that changes or undermines the assumptions, rational, findings, or other bases of the final decision, an explanation of why the change should be permitted: The modification does not change or undermine in any way the assumptions, rationale, findings, or other basis of the CEC Final Decision (00-AFC-1).

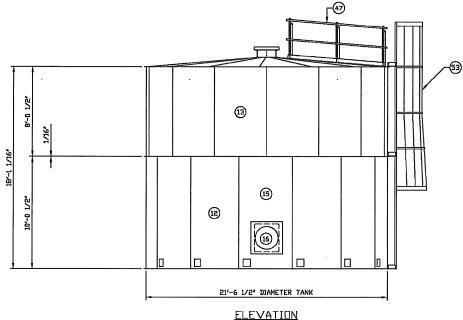
- e. **Analysis of the impacts the modification may have on the environment**: The additional tank will be installed next to the existing tanks in the facility, and will have no significant adverse impacts on the environment. This tank is equal in specification to the smallest tank in the tank farm area. The storage tank is above ground, and normally will have no leakage. As a result of the increased retention capacity, the facility will further reduce the overall amount of water usage and discharge, reducing our environmental impact.
- f. Analysis of the impact of the modification on the facility's ability to comply with applicable laws, ordinances, regulations, and standards: The proposed modification does not impact the facility's ability to comply with applicable laws, ordinances, regulations and standards.
- g. A discussion of how the proposed modification affects the public: This modification will have no adverse effect on the public. The change will not likely be noticeable to the public as it has a low profile configuration, located within the tank farm area and blends with other tanks from the outside view of the plant.
- h. **Property owners potentially affected by the modification**: It is anticipated that no property owners will be affected by this proposed modification.

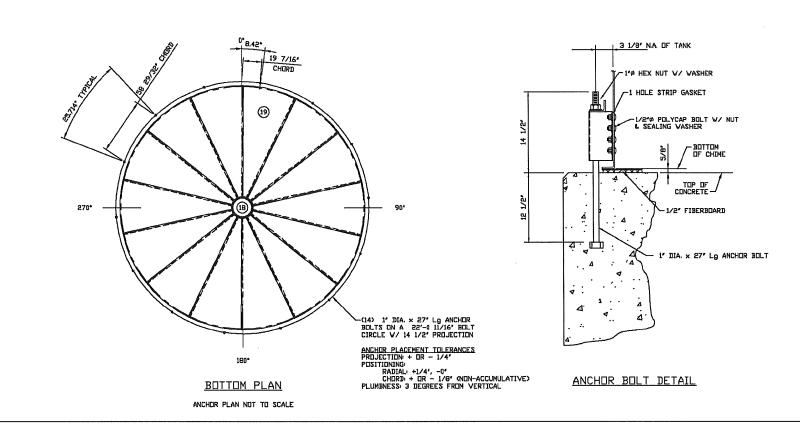


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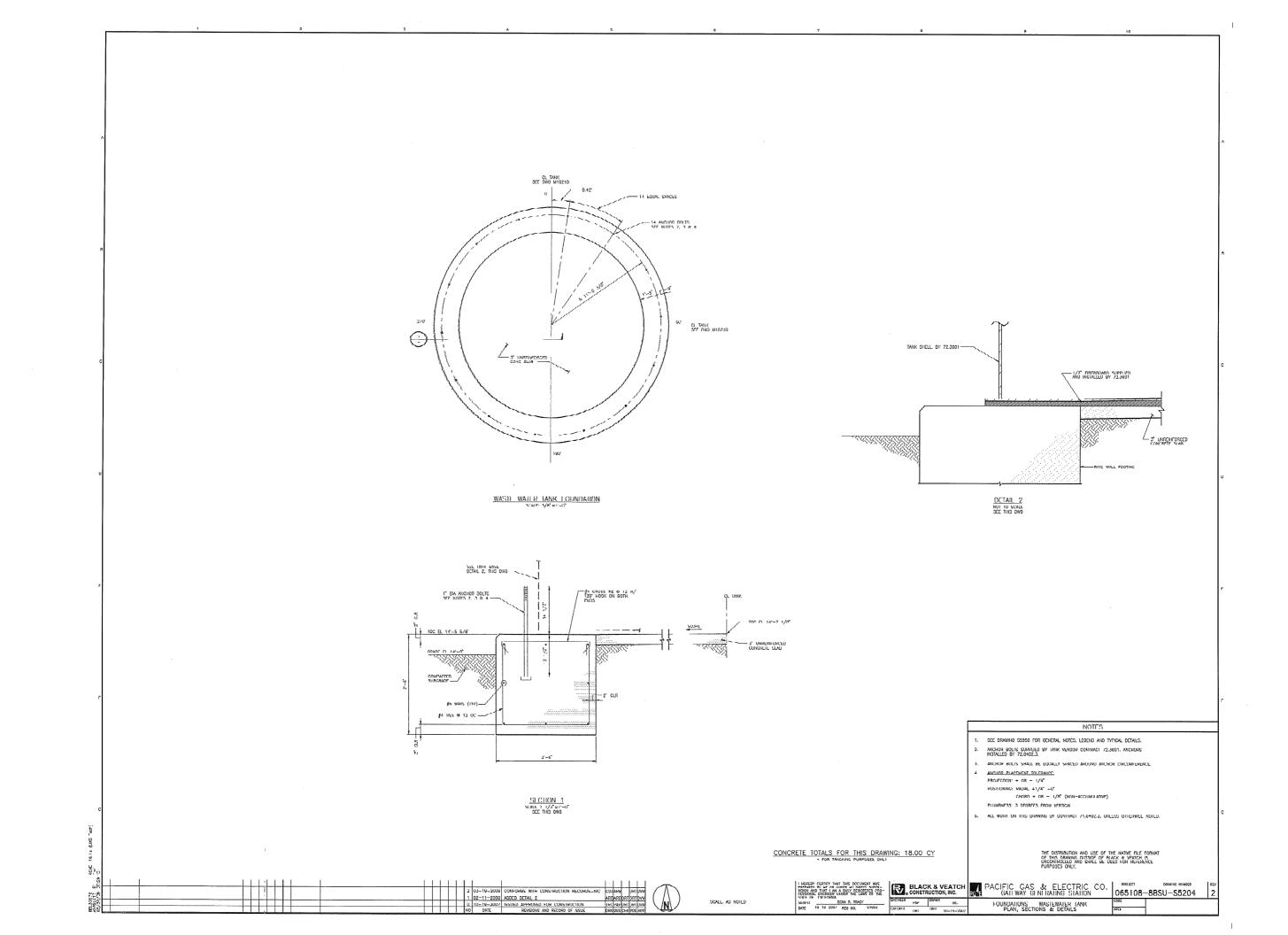
WASTE WATER TANK

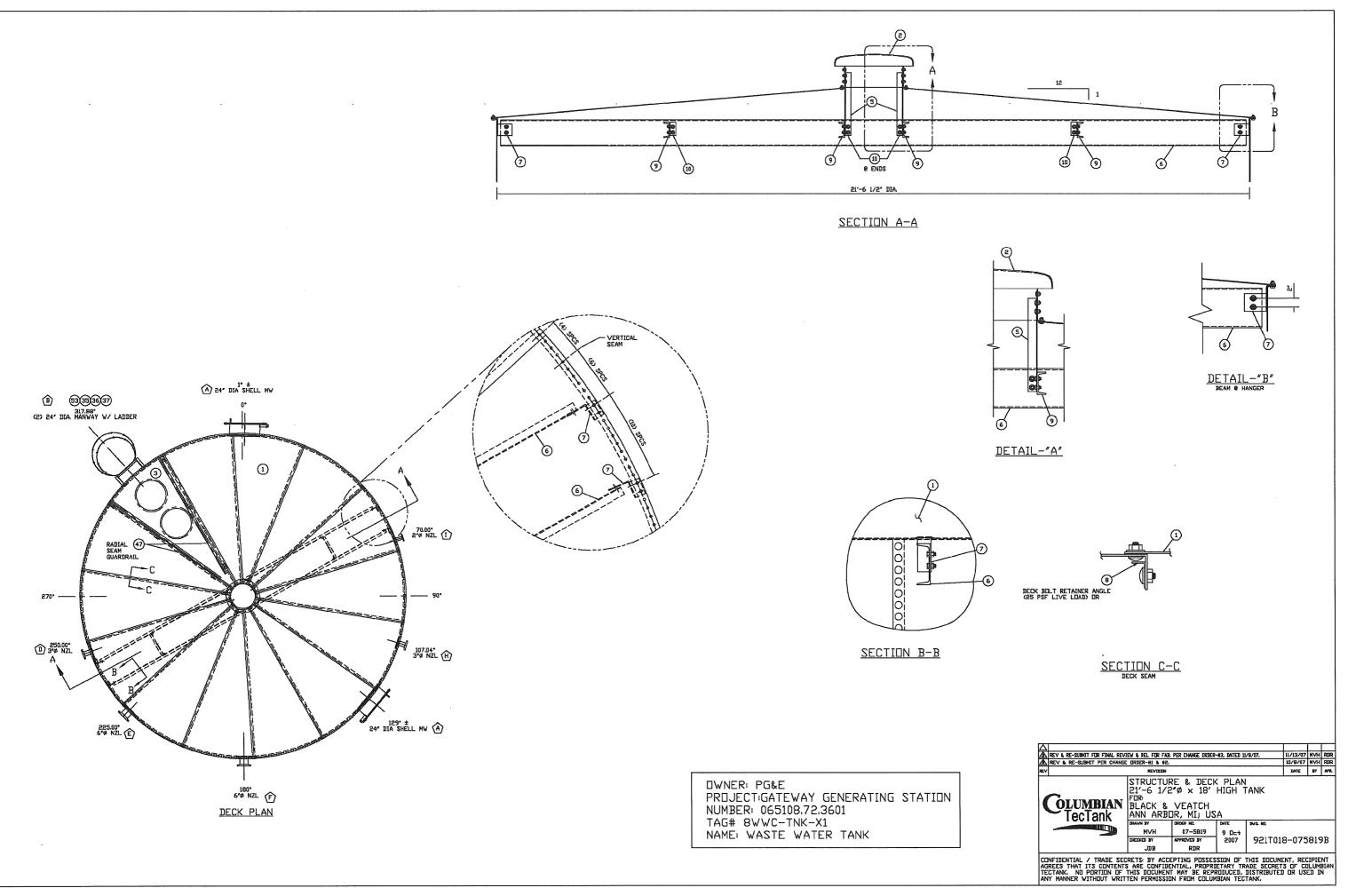
NOTES

- 1. THIS BILL OF MATERIAL IS FOR ONE COMPLETE TANK.
- 2. DRAWINGS REQUIRED FOR FIELD USE.
- 3. INTERIOR AND BOTH SIDES OF BOTTOM PAINTED DNE COAT TRICO BOND EP © THERMOSET CORROSION RESISTANT POWDER EPDXY (7 MLLS AVERAGE, DFT). EXTERIOR DNE COAT TRICO BOND EP © POWDER EPDXY WITH FINISH COAT OF BAKED DN (SHERWIN WILLIAMS FUNCTIONAL GRAY-SW-7024) PERFORMANCE URETHANE (4.5 MILS AVERAGE, DFT).
- 4. WATER STORAGE TANK DESIGNED IN ACCURDANCE WITH AWWA D103-97 SPEC. SEISNIC ZUNE 4. I=1.25, RV=4.50, S=1.50 PER AVWA, 100 MPH WINDLOAD PER AVWA, 25 PSF LIVE DECK LDAD, SPECIFIC GRAVITY = 1.0.
- + 5. STAVE SHOP DRAVING REQUIRED FOR FABRICATION. DTHERVISE, USE STRETCH OUT DRAVING FOR FABRICATION.
 - 6. STANDARD CENTER DIME WITH VENT (20") VILL RELIEVE 24 CFS (11,000 GPN) WHEN CLEAN. ADDITIONAL VENTING TO PREVENT A VACUUM GREATER THAN 0.4 oz PER SQUARE INCH IS THE RESPONSIBILITY OF THE OWNER.
- FIBERBUARD SHALL BE INSTALLED IN ACCORDANCE WITH AWWA D103-97, SECTION 11.4.

			MATERIAL LIST FUR TANK					
	ITEM	PART NUMBER	DESCRIPTION	QUANTITY				
	1	201712021	STD, 12 GA DECK SHEET	13				
*	5	353T00001	MANHOLE COLLAR W/20'P VENT (28 HL)	1				
+	Э	201T1221-075819A	STD. 12 GA DECK SHEET V/ (2) 24" DIA. MANWAY OPNGS	1				
	4		ALL PRODUCTION OF A LL PRODUCTION OF					
	5	510T04021	MANHOLE SUPT. 2" X 2" X 1/4" ANGLE X 20 3/4"	2				
	6	400T07252	DECK SUPT. BEAM C7X 9.8 X 21'-D' LG.	2				
	7	379706021	HANGER FOR DECK BEAM	4				
8		18-06-3059-00	ANGLE 1 1/2" X 1 1/2" X 1/8" (59 HDLE)	14				
	9	520T04019	DECK SUPT. CRDSS BRACE C4 X 5.4 X 19 3/8" LG	4				
	10	521T02004	CLIP ANGLE	8				
	11 12	11571212101	10 CA V (01 00 0T) / V 100 1/01 1/11 0TD D011	7				
			12 GA X 60° SP STV X 120 1/2° W/1 STR PCH					
	13 14	112T1212100	12 GA X 60° SP STV X 96 1/2°	14				
	17	115T1212101J	12 GA X 60" SP STV X 120 1/2" W/1 STR PCH W/24" DIA SHELL NW OPNG	2				
	16		24' DIA, DOUBLE PUNCH SHELL MANWAY KIT	2				
	10	8366BPW06421		2				
	18	351710001	10 GA BOTTOM CENTER COVER (28 HL)	1				
	19	226T12021	12 GA FLAT BOTTON SHEET	14				
	20			14				
	21							
		8PW1010703P	ANCHOR BOLT KIT 1" DIA, X 27" LG	14				
	23		recentles and real a and real and and					
		115T1221-075819A	12 GA X 60' SP STV X 120 1/2' W/1 STR PCH W/3'Ø NZL DPNG	1				
	25	115T1221-075819B	12 GA X 60' SP STV X 120 1/2' W/1 STR PCH W/6'P NZL DPNG					
	26	115T1221-075819C	12 GA X 60° SP STV X 120 1/2° W/1 STR PCH W/6°Ø NZL DPNG	1				
	27	115T1221-075819D	12 GA X 60° SP STV X 120 1/2° W/1 STR PCH W/3°Ø NZL DPNG	1				
	28	115T1221-075019E	12 GA X 60° SP STV X 120 1/2° W/1 STR PCH W/2° NZL DPNG	1				
	29							
	30	8704BPW020R0	2'Ø EXTERIOR RF NDZZLE KIT	1				
	31	8704BPW030R0	3'Ø EXTERIOR RF NDZZLE KIT	2				
		8704BPW060R1	6'ø EXTERIOR RF NOZZLE KIT	2				
	33							
	34							
	35	350T2400-075096A	24' Ø HILLSIDE COLLAR ASSY	2				
	36	754W00040	MANWAY GASKET (40 HOLES)	4				
	37	349T0024-075097A	24' Ø MANWAY COLLAR PLATE (40) HOLES	2				
	38							
	39							
	40	390T0205-046478A	GROUNDING LUG- 5' X 2' X 1/4' X 3 1/2' LG.	4				
	41	8708BGW020WT	2' DIA - BLIND FLG KIT (EPDM) BLIND FLANGE KIT VT	1				
	42	8708BGW030WT	3' DIA - BLIND FLG KIT (EPDM) BLIND FLANGE KIT VT	2				
	43	8709BGW060WT	6' DIA - BLIND FLG KIT (EPDM) BLIND FLANGE KIT WT	2				
	44 45							
	46							
*	47	07-5819-ES-S1	RADIAL SEAM GUARDRAIL (BOLTED ASSY)	1				
	48							
	49							
	50	795ASPEXJT48	ASPHALT IMPREGNATED FIBERBOARD 5'-0" X 48"	22				
	51	10-09-0654-35	LIQUID TANK - NAMEPLATE	1				
	52							
*		07-5819-ES-S2	EXTERIOR LADDER - VELDED V/CAGE	1				
	54 55							
*	56	L-M 01/02	ERECTION MANUAL	1				
~	57							
	58							
Ж	59	921T018-075819A	ELEVATION, BOTTOM PLAN & BILL OF MATERIAL	1				
*	60	921T018-075819B	STRUCTURE & DECK PLAN - CROSS BEAM SUPPORTED	1				
ж	61	921T018-075819C	TANK STRETCH-DUT	1				
ж	62	921T018-075819D	LIQUID TANK DETAILS	1				
	63							
E TA	NK.		PROJECTIGATEWAY GENERATING STATION					
			NUMBER: 065108.72.3601					
			TAG# 8WWC-TNK-X1					
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RSC	JUARE		BRAVN BY DEDER NO. DATE 26/G. NO.					
			MVH 07-5819 14 Aug DIECKED BY APPROVED BY 2007 921T018-07	58194				
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P065108.72.3601.05-83001 0001 St:RD 03/14/08 MM-01539





P065108.72.3601.05-83002 0001 St:RD 03/14/08 MM-01539