

ASSETS LOCATED AT GWF POWER SYSTEMS LP, SITE #8

10596 IDAHO AVENUE, HANFORD, CA 93230

30 MW SINGLE UNIT FLUIDIZED BED PETROLEUM COKE STEAM TURBINE POWER PLANT, In Service 1989.
System Major Components To Include;

COMBUSTER & RELATED EQUIPMENT:

BOILER

1 - COMBUSTION POWER MODEL FiCIRC™ FINES CIRCULATING FLUIDIZED BED BOILER, S/N 018-4064 (1989), 320 mmBTU/hr, Petroleum Coke Fuel, With Convection Unit, Sectional Including Primary Super Heater, Secondary Super Heater, Economizer, 2-Hopper Bottom, 2-Piece 90° Connector, MSC Soot Blower Control Box

1 - AIR PREHEATER SECTION

START-UP BURNER

1 - PEABODY ENGINEERING AIR PREHEAT START-UP BURNER, Natural Gas Fired, Nominal 50 mmBTU/Hr, Maxon Gas Control Valves, With Kock-John Zink Co. / Todd Combustion Model T0975XG0X2600X Burner, S/N 926938, Control Panel

COMBUSTER BED MATERIAL SUPPLY

1 - BED MATERIAL SILO, Refractory Lined, Total Silo Volume 3550.86 Cu.Ft., Silo Diameter 14.9 Ft., Silo Straight Side Height 16 Ft., Cone Bottom Height 12.52 Ft., 4-Leg Stand Construction, Rigid Bottom

1 - AERZEN MODEL GMA 13.8 BED MATERIAL BLOWER, S/N 285649 (1986), Shaft Power 38.0 KW, Speed 2200 RPM, Q¹ - 29.9 m³/min, P¹ 1.0 bar, P² 0.6 bar, ΔP 600 mbar, 60-HP, 230/460 Volts, 1780 RPM, 364TE Frame, Aerzen Sound Proof Insulated Panel Enclosure

FUEL FEED SYSTEM

1 - BELOW-GROUND RECEIVING BELT CONVEYOR, Heavy Duty Channel Frame, Heavy Duty Impact Idlers, Permanent Magnetic Separator, AC Motor Drive & Gearbox, Approx. 40' Length

1 - CROSS-OVER TRANSFER BELT CONVEYOR

1 - INCLINED FEED BELT CONVEYOR, Cleated Rubber Belt, Discharges Into Main Fuel Silo

1 - DRY COKE STORAGE SILO, Nominal Capacity 900-Tons, Total Silo Volume 36980 Cu.Ft., Silo Diameter 35 Ft., Silo Straight Side Height 23.00 Ft., S.S. Cone Bottom Height 27.47 Ft., 6-Leg Stand Construction, Top Mounted Bin Vent / Dust Collector, Kinergy Corp. Live Bottom With Dual Fuel Train Discharge, Manual Diverter Gate

1 - TRAMCO MODEL 7/12-N DRAG CONVEYOR, S/N N-188

1 - 12" METERING SCREW FEED CONVEYOR, 7.5-HP Motor Drive With Gearbox, Variable Speed With Allen Bradley Power Flex 70 VFD

1 - WILLIAMS CRUSHER / PULVERIZER, Model & S/N NA, 50-HP, 230/460 Volt, 1770 RPM, 326T Frame, Falk Model 2070YBXU2-K Gearbox, Input RPM 1750/870, Output RPM 104.9/52.2, Ratio 16.67, Service Factor 2.12/1.09, S/N 94-066285-01

1 - AE FAN EQUIPMENT CO. FUEL SUPPLY MAIN CIRCULATION FAN, S/N 98-131-1, Size 4-75, Type HPS, 20000 CFM, Fan RPM 1780, Max. RPM 1800, Reliance Electric 200-HP AC Motor, 460 Volts, 1785 RPM, 445T Frame, Motor Model P44G6401B

1 - AE FAN EQUIPMENT CO. FUEL SUPPLY EXHAUST FAN, S/N 98-131-2, Size 4-50, Type HPS, 9000 CFM, Fan RPM 3000, Max. RPM 3600, Reliance Electric 125-HP AC Motor, 460 Volts, 3565 RPM, 444TS Frame, Motor Model P44G4500A

1 - FUEL SUPPLY SYSTEM BAGHOUSE, Tapered Bin Bottom With Common Screw Auger Collector Conveyor, (4) Syntron AC Bin Vibrators, AC Rotary Airlock Discharge Into Fines Return Screw Auger, Pneumatic Pulse-Jet Type, AE Fan Engineering Co. Exhaust Fan, Size M-37, Type IE, Reliance Electric 150-HP AC Motor, 460 Volts, 1780 RPM, 445T Frame

1 - PREPARED FUEL CYCLONE RECEIVER HOPPER, With Rotary Airlock Discharge

1 - TYLER SCALPER SCREEN, Model & S/N NA, Single Deck, 2-Way Splitter Discharge, With Oversize Return Rotary Airlock Feeder & Fuel Feed Tube

1 - CONTINENTAL SCREW CONVEYOR FUEL BUCKET ELEVATOR, S/N 410230, Size 10x5x7-3/4, 18 TPH, Speed 125 FPM, Estimated 60' Height

1 - PROCESSED FUEL SURGE COLLECTOR SILO, Capacity NA, Top Bin Vent / Dust Collector

5 - SIMON-MACAUBER MODEL 16/12/6 LOCK VESSEL INJECTION DRY COKE FUEL FEEDERS, Design Temperature 212°F Max - 14°F Min., Design Pressure 15 PSIG H.T.P. 100 PSIG, Volume 455-Lbs., # 1 S/N 5284, # 2 S/N 5290, # 3 S/N 5288, # 4 S/N 5286, # 5 S/N 5292

1 - APV DRY COKE SIMON-MACAUBER VARIABLE FREQUENCY DRIVE CONTROL PANEL, Tag No. PA-1184, With (5) Allen Bradley 1336 Plus II VFD's

ADDITIVE SILOS

1 - KAOLIN / GYPSUM STORAGE SILOS, (2) Separate Silos Vertically Stacked, Including (1) - Kaolin (Top) Silo, Nominal Capacity 1285.28 Cu.Ft., Silo Diameter 9.5 Ft., Silo Straight Side Height 3.55 Ft., Cone Bottom Height 3.55 Ft., Single Outlet With AC Motorized Rotary Airlock Valve, Top Mounted Bin Vent / Dust Collector, (1) - Gypsum (Bottom) Silo, Nominal Capacity 1665.49 Cu.Ft., Silo Diameter 9.5 Ft., Silo Straight Side Height 21 Ft., Cone Bottom Height 7.5 Ft., Single Outlet With AC Motorized Rotary Airlock Valve, Bin Vent / Dust Collector

FEED AIR BLOWERS

1 - DRESSER / ROOTS MODEL 1018 RAS WHISPAIR FEED AIR BLOWER, FAB # 1, Inlet Volume 3510 CFM, Inlet Temp. 150°F, Discharge Pressure 11.0 PSIG, Inlet Pressure 3.0 PSIG, GE Energy Saver AC Motor, 350-HP, 4000 Volts, 1785 RPM, 5011LL Frame, Model 5KS511SK2043MHB, Insulated Panel Metal Weather Enclosure, Auxiliary Water Cooled Liquid Heat Exchanger, Air Silencers

1 - DRESSER / ROOTS MODEL 1018 RAS WHISPAIR FEED AIR BLOWER, FAB # 2, Inlet Volume 3510 CFM, Inlet Temp. 150°F, Discharge Pressure 11.0 PSIG, Inlet Pressure 3.0 PSIG, GE Energy Saver AC Motor, 350-HP, 4000 Volts, 1785 RPM, 5011LL Frame, Model 5KS511SK2043MHB, Insulated Panel Metal

Weather Enclosure, Auxiliary Water Cooled Liquid Heat Exchanger, Air Silencers

1 - FEED AIR BLOWER AIR INTAKE FILTER / SILENCER

1 - GARDNER DENVER SUTORBILT MODEL GACHDPA MOTIVAIR BLOWER, S/N S194781, CAT No. 4HP-RHC-LS, 10-HP, 230 / 460 Volt, 3600 RPM, Air Silencers

1 - COOPER SUTORBILT MODEL GAGMDPA MOTIVAIR BLOWER, S/N M92905, CAT No. 7ML Rotary Positive Blower, 40-HP, 230/260 Volt, 1800 RPM, Air Silencers

PARTICULATE ABATEMENT

1 - CANTECH MODEL 195HP 1415 TRH 6-MODULE PNEUMATIC PULSE JET BAGHOUSE, S/N 85688-6, Type HT-HP, Each Module With Hopper Bottom Discharge, Isolation Control & Dampeners Model A1267-001-D 40" Dampener Valve & Model 923-002-D Hydraulic Actuator, 20" W.C. @ 450°F, Removable Module Lid Covers, Replaceable Filter Bags, Ground Mounted Control Panel With System Display, Module Temperature Display Meter Panel

1 - BUDGIT BAGHOUSE SERVICE HOIST, 2-Ton Electric Chain Hoist With Power Trolley, 4-Way Pendant Control

1 - 1 BAGHOUSE TRANSPORT BLOWER SYSTEM, Including (2) Dresser Roots Model 68-V-RAI Rotary Lobe Blowers, S/Ns 0407979853 & 0911994572, 40-HP, 230/460 Volt, 1765 RPM, Air Silencers, (1) Mfg'r NA Blower, 40-HP, 230/460 Volt, 1770 RPM, Air Silencers, Sound Insulated Metal Enclosure House With (3) Access Doors

SO2 ABATEMENT

1 - LIMESTONE SORBENT SILO, Nominal Silo Capacity 300-Tons, Total Silo Volume 7329 Cu.Ft., Silo Diameter 15 Ft., Silo Straight Side Height 37.18 Ft., Cone Bottom Height 6.93 Ft., 4-Leg Stand Construction, Top Mounted Bin Vent / Dust Collector, Live Bottom With 2-Way Splitter Outlet

2 - SIMON-MACAWBER MODEL 8X8X5 LIMESTONE SORBENT LOCK VESSEL INJECTION FEEDERS, S/Ns 5304, 5302, Injector Pneumatic Control Panel

1 - APV SORBENT SIMON-MACAWBER VARIABLE FREQUENCY DRIVE CONTROL PANEL, Tag No. PA1190, With (2) Allen Bradley 1336 Plus II VFD's

NOX ABATEMENT

1 - AMMONIA INJECTION SYSTEM, SNCR System, Valve Manifold Bank With (14) King 7700 Series Flowmeters

1 - TRINITY INDUSTRIES AQUEOUS AMMONIA TANK, S/N 118070 (1990), 11000-Gallon, Material SA516-70, MAWP 265 PSIG @ 125°F, MDMT -20°F @ 265 PSIG, Tank OAL 316.75" (26'-3"), Diameter 109.346" (9'-1"), With (2) 5-HP Aqueous Ammonia Pumps, Valves & Piping

FORCED DRAFT FAN

1 - HOWDEN FANS FORCED DRAFT FAN, 67500 ACFM, 1500-HP, MagneTek Louis Allis Type JTS AC Motor, 4000 Volts, 1780 RPM, 7310Z Frame, Beck Model 1294 AC Motorized Dampener Control, Romis 9000 Series Dual Vibration Monitor, Auxiliary Water Cooled Bearings

INDUCED DRAFT FAN

1 - CHICAGO BLOWER INDUCED DRAFT FAN, 108193 ACFM, 600-HP, Siemens Type CGII AC Induction Motor, 460 Volts, 1770 RPM, 509S Frame, Forced Oil Bearing Lube System, Auxiliary Water Cooled Heat Exchanger

EMISSIONS

1 - TELEDYNE INSTRUMENTS CONTINUOUS EMISSIONS MONITORING SYSTEM, S/N 660-00740-03/10 (2010), With (1) Allen Bradley Compact Logix L43 PLC With Panel View 550 Touch Screen Interface, (1) Servomax 1440 Gas Analyzer, (1) Teledyne Instruments CO Sensor, (1) Teledyne Instruments SO2 Sensor, (1) Teledyne Instruments Enhanced Remote Panel, (1) MAC Instruments MAC 155 Moisture Analyzer, (1) Shelter One Weather Resistant Enclosure

1 - HORIBA STACK GAS ANALYZER, With Dynatron 1100M Opacity Monitor, Metal Weather Enclosure, Incomplete

1 - HORIBA STACK GAS ANALYZERS, With MAT-1000 O2 Correction Valve Option Unit, Nox-CO-02 Analyzer Unit, Metal Weather Enclosure

1 - KURZ SERIES 155 ADAM MASS FLOW COMPUTER

1 - EXHAUST STACK

BED ASH REMOVAL

1 - DENVER EQUIPMENT CO. MODEL S-1216-5 HOLO-FLITE PROCESSOR BED ASH COOLING SCREW CONVEYOR, S/N 44x193715, Auxiliary Water Cooled Jacket & Screw, Screw MAWP 200 PSI @ 650°F, Jacket MAWP 30 PSI @ 650°F, 2-HP Gear Reduced Sprocket Chain Drive

1 - BED ASH TRANSFER CONVEYOR, Drag Type, Inclined

1 - ASH HOLDING VESSEL, Carbon Steel, Cone Bottom, Approx. 6' Diameter x 6' High, Pneumatic Discharge Gate Valve

1 - LIME RECLAMATION HYDRATION SCREW AUGER, 16" Diameter, Estimated 20' Length, Water Spray Injection, AC Motorized Gearbox Drive With Eaton Dynamatic AF1500 VFD

1 - ASH SILO, Carbon Steel, Cone Bottom, Rotary Airlock, Truck Loading Nozzle Spout, 4-Leg Stand, Top Mounted Bin Vent

1 - FLY ASH STORAGE SILO, Carbon Steel, Cone Bottom, 4-Leg Stand Construction, Drive-Under Load-Out Height, Top Mounted Bin Vent / Dust Collector

STEAM TURBINE GENERATOR, STEAM TURBINE AUXILIARIES, STEAM CIRCULATION EQUIPMENT:

STEAM TURBINE

1 - ABB VAX MODEL HT 10 HIGH PRESSURE STEAM TURBINE, Inlet Pressure 1474 PSIA, Inlet Temperature 951°F, 231 klb/hr, Steam Extraction

1 - BHS MODEL TG 45 HIGH PRESSURE TURBINE GEARBOX, S/N 515837 (1988), Power 13700 kW, Speeds 11032 / 3600 RPM

1 - ABB VAX MODEL LT 10 LOW PRESSURE STEAM TURBINE, Steam Extraction

STEAM TURBINE AUXILIARIES

1 - STEAM TURBINE HYDRAULIC OIL SYSTEM, With (2) 10-HP Vickers Pumps, 48"x30"x24"H Holding Reservoir, (2) Replaceable Cartridge Canister Filters, Nitrogen Gas Cylinder, Auxiliary Water Cooled Heat Exchanger, Skid Frame Base

1 - STEAM TURBINE LUBE OIL SYSTEM, With (2) 20-HP AC & (1) 3-KW DC Pumps, 60"x72"x72"H Holding Reservoir, Auxiliary Water Cooled Heat Exchangers, Steel Skid Frame Base

1 - C.C. Jensen MODEL FINE-FILTER LUBE OIL SYSTEM PURIFIER / FILTER

1 - KOCH ENGINEERING MODEL BD-PRF-MK111 LUBE OIL SYSTEM MIST ELIMINATOR, S/N 3177 (1995), Type 19x42, Material 304L, With Entex Fabrication Collector Hopper, Atmospheric Design Pressure, Ambient Design Temperature

GENERATOR

1 - ABB MODEL GTL 1050 EA SYNCHRONOUS GENERATOR, S/N 7253231, 31930 kVA x 0.85 (31.9 MVA), 3600 RPM, MCR - 13110-14490V, Y 1405-1270A, Excitation: 80V 1335A, Temp Class.: Stator B Rotor B, Insul.Class: Stator F, Rotor F, ANSI C 50.13-1977, 3 Phase, 60 Hertz, With (1) ASEA Exciter, Gen 1~420 Hz, Type GU 250RT, S/N 7253 233, 3.5 kVA x 0.5, 3600 RPM, Class Stator F, (1) ASEA Exciter, Gen 3~180 Hz, Type GDL 370 AD, S/N 7253 232, 135 kVA x 0.85, 3600 RPM, Class Stator F

1 - BABCO MODEL HVS-3 GENERATOR CONNECTION SWITCHGEAR UNIT, S/N 516924.5 (1989), Volts 13.8 KV, Amps 1600, Hz 60, Poles 3

1 - BABCO MODEL HVS-3 GENERATOR CONNECTION SWITCHGEAR UNIT, S/N 516924.6 (1989), Volts 13.8 KV, Amps 1600, Hz 60, Poles 3

1 - GUYAN MACHINERY MODEL GR-15638-04 NEUTRAL GROUNDING RESISTOR, S/N 900910, Volts 8000 L-N, Ohms 80.0 25°C, Amps 100, Time 10 Sec., 760°C Max. Rise, With 50-5A C.T. and Outdoor Enclosure

CONDENSER

1 - HOLTEC STEAM CONDENSER, S/N 8-1488 (1989), Titanium Tubes, Shell: MAWP F.VAC / 15 PSI @ 32-300°F, Tube: MAWP 60 PSI @ 32-300°F, Steam Bypass

CONDENSATE PUMPS

2 - GOULDS MODEL VIC-T VERTICAL CONDENSATE PUMPS, SIZE 6x11AHC/7STG, 357 GPM, 436 Head Ft., Reliance AC Motor, 60-HP, 460 Volts, 1780 RPM, 364LP Frame; Pump # 1 - Pump S/N 310276P-4, Motor S/N 1MAF39438-G1-XP; Pump # 2 - Pump S/N 310276P-6, Motor S/N 1MAF39438-G2-NO

BOILER FEEDWATER PUMPS

2 - SULZER BINGHAM MODEL 3 x 6 x 9 MSD-C BOILER FEEDWATER PUMPS, 14 Stage, 504 GPM, 4516 Head Ft., 3580 RPM, MagneTek Louis Allis Type WPIIX AC Motor, 800-HP, 4160 Volts, 3580 RPM, 7112CS Frame; Pump # 1 - Pump S/N IC945, Motor S/N 8-J44754001; Pump # 2 - Pump S/N IC942, Motor S/N 8-J44754002

EMERGENCY BOILER FEEDWATER PUMP

1 - WHEATLEY MODEL HP-100M EMERGENCY BOILER FEEDWATER PUMP, S/N 12370, Triplex Plunger Pump, Size 2" x 4-1/2" Stroke, 91 GPM @ 2100 PSI, MAWP 3180 PSI, Max. Speed 500 RPM, 100-HP, 230/460 Volts, 1175 RPM, 405T Frame

BOILER CIRCULATING WATER PUMPS

3 - UNION BOILER CIRCULATING WATER PUMPS, Size 8x8x18 HTS, 3038 GPM, 241 Head Ft., 1750 RPM, Maximum W.P. 1800 PSI @ 603°F, Reliance Electric XT Extra Tough Duty Master AC Motor, 200-HP, 460 Volts, 1785 RPM, 447TS Frame; Pump # 1 - Pump S/N NA, Motor S/N P44G5153E-G2-WP/MN2383; Pump # 2 - Pump S/N 880377-203, Motor S/N P44G5153E-G2-YP/MN2983; Pump # 3 - Pump S/N NA, Motor S/N P44G5153E-G1-WP/MN2383

STEAM DEAERATOR

1 - COCHRANE ENVIRONMENTAL SYSTEMS MODEL CHICAGO HEATER STEAM DEAERATOR, S/N 2025-88 (1988), MAWP FV-100 PSIG @ 450°F, MDMT -20°F @ 15/100 PSIG

STEAM DRUM

1 - DYNA-THERM CORP. STEAM DRUM, S/N 583 (1989), Capacity 165,750 #/Hr @ 1577 PSIG, MAWP 1660 PSI @ 650°F, Test Pressure 2490 PSIG, Mat'l SA516-70, 54" Diameter x 30'-0" Length

BOILER FEEDWATER HEATERS

1 - SUTHERLAND INDUSTRIES HIGH PRESSURE BOILER FEEDWATER HEATER, S.W. No. NA, Shell: MAWP 480 PSIG @ 690°F Max. Temp., Tube: MAWP 2200 PSIG @ 475°F Max. Temp.

1 - SUTHERLAND INDUSTRIES HIGH PRESSURE BOILER FEEDWATER HEATER, S.W. No. NA, Shell: MAWP 480 PSIG @ 525°F Max. Temp., Tube: MAWP 2200 PSIG @ 475°F Max. Temp.

1 - SUTHERLAND INDUSTRIES LOW PRESSURE BOILER FEEDWATER HEATER, S/N 3-88-06-53644-1, Shell MAWP 50 & Vac PSIG @ 300°F Max Temp, Tube MAWP 240 PSIG @ 300°F Max Temp

STEAM SYSTEM AUXILIARIES

1 - R.A.S. FLASH TANK, W.P. Shell 50 PSI @ 400°F and FV, MDMT -20°F @ 50 PSI, With (2) 1.5 HP Flash Tank Pumps

1 - BLOKSMA MODEL 320 GLAND STEAM CONDENSER, Shell: Design Pressure 1.0 barga, Test Pressure 1,5 barga, Design Temperature 216°C; Tubes: Design Pressure 16.6 barga, Test Pressure 25.0 barga, Design Temperature 100°C

1 - NASH-KINEMA MODEL 1BEMB AIR EJECTOR PACKAGE, Design Pressure: Shell FV 100 PSI @ 620°F, Tubes 248 PSI @ 210°F; MDMT: Shell -20°F @ FV 100 PSI, Tubes -20°F @ 240 PSI

1 - PACIFIC PIPE CO. TURBINE AREA ATMOSPHERE DRAIN TANK, Nominal Capacity 600-Gallons, Atmospheric Design Pressure, Design Temperature 130°F, Material A36 Carbon Steel, Diameter 4'-6" x Height 5'-0", Insulated Jacket

1 - STEAM BLOW DOWN TANK

1 - TURBINE AREA MAIN SAMPLING STATION

1 - TURBINE / GENERATOR STEEL SUPERSTRUCTURE, With Structural Steel, Mezzanine Platform, Steam Piping, Valves

COOLING TOWER PROCESS WATER COOLING

3 - GOULDS MODEL VTT-FF VERTICAL COOLING WATER RECIRCULATION PUMPS, 7733 GPM, 39.2 Head Ft., Size 18x20 GHC / 1STG, Reliance Electric XE Duty Master AC Motor, 125-HP, 460 Volts, 1190 RPM, 445LP Frame; Pump # 1 - Pump S/N 310227P-8, Motor S/N 1MAF39439-G7-RQ; Pump # 2 - Pump S/N 310277P-6, Motor S/N 1MAF39439-G6-PQ; Pump # 3 - Pump S/N 310277P-9, Motor S/N 1MAF39439-G8-RQ

3 - COOLING TOWER FANS, Two-Speed AC Fan Motors, 50/12.5-HP, 1185 / 595 RPM, 460 Volts, 405T Frame

AUXILIARY WATER COOLING SYSTEM

2 - GOULDS MODEL 3996 AUXILIARY COOLING WATER CIRCULATION PUMPS, 700 GPM, 162 Head Ft., Size 4x6-13, Impellor Diameter 12.62", Siemens Duty Max AC Motor, 50-HP, 460 Volts, 1770 RPM, 326TSC Frame; Pump # 1- Pump S/N 71D854.1, Motor S/N NA; Pump # 2 - Pump S/N 719D854.2, Motor S/N NA

1 - PACIFIC PIPE CO. AUXILIARY COOLING WATER SURGE TANK, S/N 223710-A (1989), Nominal Capacity 3760-Gallons, Atmospheric Design Pressure, Design Temperature 130°F, 8'-0" Diameter x 10'-0" Height, Material A36 Carbon Steel

1 - ALFA LAVAL MODEL A15-BFL AUXILIARY COOLING WATER PLATE TYPE HEAT EXCHANGER, S/N 30100-70651 (1989), MAWP 80 PSI @ 200°F, Surface Area 928.50 Sq.Ft., H2O Media

1 - MUELLER MODEL 691FAB AUXILIARY COOLING WATER DUPLEX STRAINER / FILTER, Size 6, Max. 200 PSI, Body - C.I., Plug - BRZ, Screen - S.S.

WATER DEMINERALIZATION

1 - PORTALS / LA WATER TREATMENT CORP. WATER DEMINERALIZATION SYSTEM, Including; (1) Main Control Panel, (1) Allen Bradley Centerline Motor Control Center, (2) Demineralization Trains, (1) Acid Dilution Station, (1) Caustic Dilution Station, (1) Neutralization Station, *NOTE: This System Is Not In Service And May Not Be Complete Or Operational*

DIESEL SUPPLY SYSTEM

1 - DIESEL FUEL SUPPLY SYSTEM With (1) 40000-Gallon Storage Tank, Above Ground, Carbon Steel, (2) 10-HP AC Delivery Pumps With Filter/Strainer

PLANT COMPRESSED AIR SUPPLY

3 - ATLAS COPCO MODEL GA-55 ROTARY SCREW AIR COMPRESSORS, 75-HP, 316 CFM, 132 PSIG, 3600 RPM, 480 Volt, Water Cooled, Elektronikon Microprocessor Control; Compressor # 1 S/N ARP889651

(1990); Compressor # 2 S/N ARP889558 (1990); Compressor # 3 S/N ARP889559 (1990)

2 - ZEKS MODEL 280HPSIHC HYDRONIX DESICCANT TYPE COMPRESSED AIR DRYERS, 280 CFM @ 100 PSI @ 100°F

1 - PACIFIC PIPE CO. VERTICAL COMPRESSED AIR RECEIVER TANK, Capacity 485 CF Air, MAWP 265 PSIG @ 150°F, 3'-6" Diameter x 10'-0" Height

FIRE PUMP SYSTEMS

1 - PEERLESS PUMP CO. MODEL 2.5PVF8 DIESEL SYSTEM CENTRIFUGAL FIRE PUMP SYSTEM, S/N 479278E, In-Line, 100 GPM, 45 PSI, 3520 RPM, 5.52 Impellor Diameter, 1-Stage, 4.5 kw, Max. Suction 125 PSI, 7.5-HP, With Arrow Concentrate Control System for AFFF / Aqueous Film Forming Foam Tank Valves, (2) Hose Reels, Control Box

1 - ITT A-C PUMP DUST COLLECTOR CENTRIFUGAL FIRE PUMP SYSTEM, S/N 11-059504-01 / QKMO98, Size 8x8x17F, Split Case, Type 8100 / 393H, 1500 GPM, 139 Head Ft., 1780 RPM, Impellor Diameter 12.78, 60 PSI, 1-Stage, US Electrical 60-HP AC Motor, 230/460 Volt, 1780 RPM, 364T Frame

1 - TOMCO LIQUID CARBON DIOXIDE STORAGE TANK, S/N 2632 (1990), MAWP 350 PSI @ 200°F, MDMT - 40°F @ 131 PSI, Material SA-612, Valve Manifold & Distribution Piping

AUXILIARY BOILER SYSTEM

1 - NEBRASKA BOILER MODEL NS E 65 AUXILIARY STEAM BOILER, S/N D2858 (1991), Max AWP 350 PSIG, Heating Surface 5738 Sq.Ft., Rated Steam Cap. 68000-Lb./Hr, Natural Gas Fired, Sectional Units Including; (1) Economizer, S/N E2859, Max. AWP 400 PSIG, Heating Surface 446 Sq.Ft., Heat Transfer 751000 BTU/Hr, Design Temp. 700°F, (1) Economizer, S/N E2860, Max. AWP 400 PSIG, Heating Surface 6304 Sq.Ft., Heat Transfer 4795000 BTU/Hr, Design Temp. 700°F, (1) Coen Burner, Natural Gas Fired, Chicago Blower Fan, HP NA, Coen Burner Control System, Steam System With Deaerator, (2) 60-HP Circulation / Feed Pumps, Allen Bradley Centerline MCC, Horiba Stack Gas Analyzer

AUXILIARY STEAM BLOWDOWN / SLURRY SYSTEM

1 - HOFFMAN MODEL 67104A5 CENTRIFUGAL AIR BLOWER, S/N M028510, Max. Pressure 25 PSIG, General Electric Energy Saver AC Motor, 400-HP, 2300/4160 Volts, 3575 RPM, 5011LS Frame, Motor Model 5KS511SN119A, S/N TEG254001

1 - WORTHINGTON MODEL 14FRBH-183 CENTRIFUGAL AIR BLOWER, S/N B0893022-1, US Electric Hostile Duty AC Motor, 75-HP, 460 Volts, 888 RPM, 444T Frame, Motor Type CT

1 - ALFA LAVAL MODEL M10-BFG PLATE TYPE HEAT EXCHANGER, S/N 30100-71187, Surface Area 1025 Sq.Ft., 150 PSI Max.

1 - SLURRY SYSTEM SUPPORT EQUIPMENT, Including Brine Waste Tank, Stack Tank, Blow Down Tanks, Valves, Small Pumps, Allen Bradley DCS, Steel Superstructure

MAIN SWITCHYARD

1 - ABB ELECTRIC GSU POWER TRANSFORMER, S/N A1161X, Class OA/FA, MVA 18 / 24, MVA 20.2 / 26.9, HV 73000 GRDY/42150, LV 13800, 3-Phase, 60 Hz

1 - ASEA MODEL HLT 145 TRANSGARD TRANSFORMER PROTECTOR, S/N A1160S (1989), 2000A Cont., Max Voltage 145KV, 31.5 KAIC SYM., Full Wave BIL 650KV, 60Hz Withstand 310KV, 125 VDC Close/Trip, 120 VAC Motor, With (3) Breaker Switches

1 - CURRENT TRANSFORMERS - POTENTIAL TRANSFORMERS, (CTPT'S), Including (3) Westinghouse & ABB Single Phase Relaying & Metering Units, With Galvanized Steel A-Frame Superstructure

OUTDOOR TRANSFORMERS

1 - RTE SMALL POWER 480 VOLT SUBSTATION TRANSFORMER, S/N 896012489, CAT No. 22LA16C49S, Class OA-FA, KVA - 2500 - 3125, H.V. Volts 13800, L.V. Volts 480Y / 277, 3-Phase, 60 Hz

1 - RTE SMALL POWER 4160 VOLT SUBSTATION TRANSFORMER, S/N 896012355, CAT No. 55AA17C59L, Class OA-FA, KVA - 3750 - 4687, H.V. Volts 13800, L.V. Volts 4160Y / 2400, 3-Phase, 60 Hz

1 - INTERNATIONAL TRANSFORMER CORP. MODEL HV15FTUL 550 KVA DRY TYPE POWER TRANSFORMER, S/N E4215-1090-SCR, Voltage 13800 - 480Y/277, 3 Phase, 60 Hertz, CAT No. ENVVII0500-09040

MOTOR CONTROL ROOM

1 - BAILEY MODEL NETWORK infi90 DISTRIBUTED CONTROL SYSTEM, With Main Digital Control Center, Remote Data Collection & Transmitter Stations, Remote # 1 Boiler Area, Remote # 2 Turbine Area, Remote # 3 Demin Area, Remote # 4 Ash Area

1 - KA.1 TURBINE CONTROL PANEL, Turbine Relay Control

1 - YA.1 TURBINE CONTROL PANEL, Generator Voltage Regulation

1 - CGI SYSTEMS 2-PANEL RELAY CONTROL, #PL-90011-G, G1 Relay Panel, G2 Relay / Meter Panel

1 - HB/HA 2-PANEL OVERCURRENT RELAY CONTROL PANEL

1 - POWELL INDUSTRIES MODEL POWL-VAC 3-PANEL POWER SWITCHGEAR, S/N 4171-01, Volts 14400-120, Freq. 60 Hz

1 - SIEMENS 5-PANEL MEDIUM VOLTAGE MOTOR CONTROL CENTER, S/N 09-0430-49233-01, Part No. 25-319-260-502, 4160 Volts, 3 Phase, 60 Hertz, Horizontal Bus Continuous Rating 1200 Amps

1 - EATON CUTLER-HAMMER MODEL UNITROL® 14-PANEL MOTOR CONTROL CENTER, S/N 6AF1261460-A, 480 Volts, 3 Phase, 60Hertz, 3 Wire, Control Volts 120, Vertical Buss Amps 600, Horizontal Buss Amps 2000

1 - EATON CUTLER-HAMMER MODEL UNITROL® 12-PANEL MOTOR CONTROL CENTER, S/N 6AF1261460-C, 480 Volts, 3 Phase, 60Hertz, 3 Wire, Control Volts 120, Vertical Buss Amps 600, Horizontal Buss Amps 2000

1 - EATON CUTLER-HAMMER MODEL UNITROL® 4-PANEL MOTOR CONTROL CENTER, S/N 6AF1261460-E, 480 Volts, 3 Phase, 60Hertz, 3 Wire, Control Volts 120, Vertical Buss Amps 600, Horizontal Buss Amps 1200

1 - CUTLER-HAMMER ID FAN SOFT START SYSTEM, With GE Power Break 1000 Amp Breaker Switch, Industrial Electric Type SWBD Main Breaker, Volts 480Y/277, 1600 Amps, 3 Phase, 4 Wire

1 - ALLEN BRADLEY VARIABLE FREQUENCY DRIVES, Including (2) Power Flex 400, (2) Power Flex 70

1 - LaMARCHE MODEL A11B-100-130V-C3 CONSTAVOLT FLOAT BATTERY CHARGING SYSTEM, S/N J-1493-1, Input Volts 480 VAC, AC Amps 33, Phase 3, Hz 50/60, DC Amps 100, DC Volts 130V, No. Cells 60,

Cell Type LA

1 - BATTERY CHARGING CABINET, With (40) Power Safe 6V105 Batteries, Nominal Battery Capacity 6V, Float Voltage 2.265 Vpc

1 - CGI SYSTEMS OPERATOR'S CONTROL CONSOLE

1 - MANUFACTURER MODEL MAIN DESCRIPTION; Specific Details; Equipped With Stuff (don't delete or skip this row; replace this text with lot 1's description)

HANFORD SITE - SPARES

2 - HOLTEC CONDENSERS, S/N's 8-1490, 8-1489, (1989), Titanium Tubes, Shell Chamber MAWP F.VAC. / 15 PSI @ 32-300°F, Tube Chamber MAWP 60 PSI @ 32-200°F

2 - COCHRANE CO. CHICAGO HEATER STEAM DEAERATORS, Consisting Of (2) Lower Main Tanks, S.O. No.'s 0631 & 0632, (1989), MAWP F.V./75 PSI @ 400°F, MDMT -20°F @ 75 PSI, (2) Upper Blowdown Tanks, S.O. No.'s 0628 & 0629, (1989), MAWP F.V./75 PSI @ 400°F, MDMT -20°F @ 75 PSI

1 - ACRISON TWIN SHAFT PUGMIL MIXER, w/ Model 105Z-H Discharge Mixer Screw, Twin 18"x42" Mixer Screws, Holding Chamber, Geared Drive

7 - PACIFIC VALVE GATE VALVES, Size 10, Stem 11-13 CHR, Disc & Seat WCB/ST, 2410 PSI @ 100°F - 800°F Max.

1 - HOFFMAN 67104A5 CENTRIFUGAL BLOWER, S/N M010560

1 - HOFFMAN 67104A CENTRIFUGAL BLOWER, S/N 1188022

1 - IN-BED COMBUSTER TUBES

1 - WILLIAMS ROLL CRUSHER PARTS, Assorted

1 - TURBINE TEAR-DOWN TOOLING w/ Gangboxes

1 - FUEL GUNS, Assorted

1 - FD & ID FAN ROTORS, & SHROUD ASSEMBLY COMPONENTS

1 - BED REMOVAL SCREW CONVEYOR COMPONENTS

1 - ID FAN MOTOR, 600-HP, 460 Volts AC, 1790 RPM, N449TS Frame

1 - GENERAL ELECTRIC ENERGY SAVER FEED AIR BLOWER AC MOTOR, 400-HP, 4160 Volts, 3570 RPM, 5011LS Frame

1 - GENERAL ELECTRIC ENERGY SAVER AC MOTOR, 75-HP, 460 Volts, 885 RPM, 444T Frame

1 - SIEMENS DUTYMAX EXPRESS AC MOTOR, 125-HP, 460 Volts, 1780 RPM, 444T Frame

1 - SULZER BINGHAM BOILER FEEDWATER PUMP, S/N IC941

1 - SPARE PARTS & INVENTORY , Including Vacuum Blowers, Misc. Motors, Valves, Actuators, Baghouse Filter Tubes, Williams Crusher Parts, Rotary Airlock Valves, Gearboxes, Gear Motors, Sprocket Drives, Drive Link Chain, Elevator Buckets, Filter Canisters & Filters, Misc. Stockroom Inventory