SANBORN HEAD

Bottom Ash Transport Water
Best Management Practice Plan

MERRIMACK STATION
Bow, New Hampshire

Sanborn, Head & Associates, Inc.

Digitally signed by Sanborn, Head & Associates, Inc.
Date: 2025.02.28 13:10:50 -05'00'

Prepared for GSP Merrimack
LLC File No. 2025.15
October 2023

February 2025 Update

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INITIAL CERTIFICATION

Management Certification

GSP Merrimack LLC (GSP) is committed to working towards reducing bottom ash transport water (BATW) discharges from the Merrimack Station facility and will provide the manpower, equipment, and materials necessary to implement this BATW Best Management Practices (BMP) Plan. The undersigned authorized facility representative attests that:

a) I have personally examined and am familiar with the included BATW BMP Plan;
b) I believe that the information in the BATW BMP Plan and any supporting documentation used in the development of this plan is true, accurate, and complete; and
c) The BATW BMP Plan, to the best of my knowledge and belief, meets the requirements of 40 CFR 423.

ELIZABETH H. TILLOTSON	Elizabeth H. Tillotson	October 31, 2023
Printed Name of Facility Representative	Signature	Date

Professional Engineer Certification

The BATW BMP Plan was prepared by Sanborn, Head & Associates, Inc. for the Merrimack Station facility located in Bow, New Hampshire. I, the undersigned Registered Professional Engineer, certify the following information in respect to the Merrimack Station BATW BMP Plan), subject to the assumptions and limitations contained within the BATW BMP Plan.

a) I am a licensed professional engineer in the State of New Hampshire.
b) I am familiar with the 40 CFR Part 423(k)(3) requirements for the BATW BMP Plan.
c) I am familiar with the Merrimack Station BATW system;
d) The BATW BMP Plan is included with this certification statement; and
e) The BATW BMP Plan, to the best of my knowledge and belief, will be implemented by GSP if the MK1 Boiler and MK2 Boiler units are designated low utilization electric generating units (LUEGUs).

Harrison R. Roakes

Printed Name of Licensed Professional Engineer

Signature

15920	New Hampshire	October 31, 2023
License Number	Licensing State	Date

ANNUAL RECERTIFICATION

Management Certification

GSP Merrimack LLC (GSP) is committed to continuing to work towards reducing bottom ash transport water (BATW) discharges from the Merrimack Station facility and provide the manpower, equipment, and materials necessary to implement this BATW Best Management Practices (BMP) Plan. The undersigned authorized facility representative attests that:

a) I have personally examined and am familiar with the included BATW BMP Plan;
b) I believe that the information in the BATW BMP Plan and any supporting documentation used in the development of this plan is true, accurate, and complete;
c) The BATW BMP Plan, to the best of my knowledge and belief, meets the requirements of 40 CFR 423; and
d) The BATW BMP Plan is being implemented by GSP at Merrimack Station and the BMP Plan and corresponding flow records are being maintained at the facility.

I 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 gather and evaluate 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

ELIZABETH H. TILLOTSON	Elizabeth H. Tillotson	28 FEB 2025
Printed Name of Facility Representative	Signature	Date

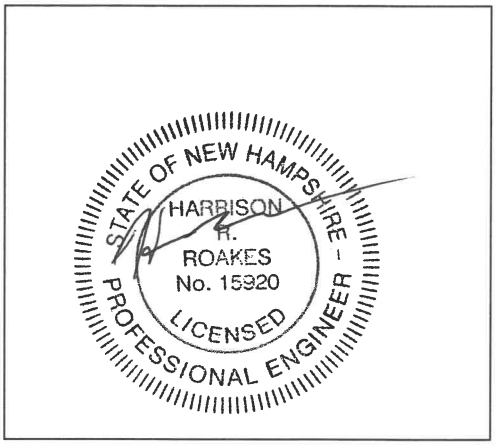
Professional Engineer Annual Certification

The BATW BMP Plan was prepared and updated, as necessary, by Sanborn, Head & Associates, Inc. for the Merrimack Station facility located in Bow, New Hampshire. I, the undersigned Registered Professional Engineer, certify the following information in respect to the Merrimack Station BATW BMP Plan), subject to the assumptions and limitations contained within the BATW BMP Plan.

a) I am a licensed professional engineer in the State of New Hampshire.
b) I am familiar with the 40 CFR Part 423.13(k)(3) requirements for the BATW BMP Plan.
c) I am familiar with the Merrimack Station BATW system;
d) The BATW BMP Plan is included with this annual certification statement;
e) The BATW BMP Plan, to the best of my knowledge and belief, is being implemented by GSP;
f) The following are also provided with the BATW BMP Plan included with this annual certification statement:
    i. Any updates to the BMP Plan;
    ii. An attachment of weekly flow measurements from the previous calendar year;

iii. The average amount of recycled BATW in gallons per day; and
iv. Copies of inspection reports and a summary of preventative maintenance performed on the system; and

g) To the best of my knowledge and belief, the BMP Plan and corresponding flow records are being maintained at the Merrimack Station facility located in Bow, New Hampshire.



HARRISON R. ROAKES
Printed Name of Licensed Professional Engineer

Signature

15920	NEW HAMPSHIRE	2/28/2025
License Number	Licensing State	Date

INTRODUCTION

This Bottom Ash Transport Water (BATW) System Best Management Practices (BMP) Plan is prepared to meet the requirements of the Final Steam Electric Reconsideration Rule 40 CFR Part 423.13(k)(3) for the Merrimack Station facility. Sanborn, Head & Associates, Inc. (Sanborn Head) prepared this BATW BMP Plan for GSP Merrimack LLC (GSP). This BATW BMP Plan and the services provided by Sanborn Head are subject to the Limitations provided in Appendix A.

This BATW BMP Plan is intended to be a working document. Therefore, certain aspects of the BATW BMP Plan require continued review, and action must be documented in support of the annual certification process. Key aspects of the BATW BMP Plan that GSP is responsible for implementing are highlighted below.

- Note and address any needed editorial updates to the BATW BMP Plan.
- Periodically review the feasibility of implementing new BMPs to include in this plan that have the potential to reduce BATW discharges at the facility.
- Investigate options to minimize slag sluice operations to reduce the volume of BATW discharges, such as optimizing intermittent operations to reduce sluice flows.
- Maintain records to document BATW flows.
- Maintain records to document the average amount of recycled BATW.
- Complete regular BATW maintenance and inspections, including preparation of inspection reports and summaries of preventative and corrective maintenance performed.

1.0 GENERATING UNIT IDENTIFICATION

The coal-fired generating units that contribute bottom ash (BA) to the BATW system are identified as MK1 Boiler and MK2 Boiler. This BMP Plan is prepared to meet the requirements for a BATW BMP Plan for the MK1 Boiler and MK2 Boiler units. The requirement to implement a BATW BMP Plan was included in the National Pollutant Discharge Elimination System (NPDES) Permit NH0001465 Permit Modification issued by the USEPA Region 1, dated March 20, 2024.

2.0 SYSTEM DESCRIPTION

A water flow diagram that includes the BATW system is included as Appendix B.

The existing BA transfer system consists of a wet slag tank for collection of BA at the boiler with wet sluice of BA to the slag settling area. Water from the Merrimack MK1 cooling water tunnel and Merrimack MK2 cooling water tunnel are used for the BATW that transports BA from the MK1 Boiler and MK2 Boiler slag tanks, respectively. Bottom ash and water are drawn from the MK1 Boiler and MK2 Boiler slag tanks using jet pumps and travel by sluice to the slag settling area. Slag is collected and stored for beneficial reuse and water from the slag settling area travels to the service water pond. MK1 Boiler and MK2 Boiler slag tank seal water (aka overflow water), which is generated during normal operations to maintain the slag tanks at full level, is sent to the service water pond without passing through the slag sluice settling area. This seal water (overflow water) does not transport or sluice bottom ash (slag).

Some water from the service water pond is pumped at the service water pump house to be recycled for use in the flue gas desulfurization (FGD) absorber. Most of the water drawn for the FGD absorber is removed from the system via evaporation (steam) while much smaller amounts are removed as a component of the gypsum produced, and the remainder is handled as blowdown in the wastewater treatment facilities.

In addition to the flows mentioned above, the service water pond also receives storm drain and yard drain water, boiler blowdown, returned service water, and water from Waste Treatment Plant #1 (NPDES Permit NH0001465).

The service water pond discharges via NPDES Permit NH0001465 Internal Outfall 003A to the cooling canal, (designated Waste Treatment Plant #2), for eventual discharge to the Merrimack River via Outfall 003.

3.0 WATER BALANCE

A diagram of the water balance is included as Appendix B, and tabulated values are provided below in Exhibit 1.

Exhibit 1 - Summary of BATW System Additions and Removals

Type	BATW System Component	Normal Station On-Line Operation Flow
Water removed from the BA transport system	Outfall: Outfall 003A to Waste Treatment Plant #2	5,330,000 GPD
	Service Water Pump House (primarily for FGD absorber use)	1,100,000 GPD
	Non-Contact Cooling Water	144,000 GPD
	Evaporation from the BATW system (e.g., from service water pond)	4,000 GPD
	Entrained with removed bottom ash	Not quantified
Water entering or recycled to the BA transport system. There is no BATW recycled back to the system in lieu of makeup water.	MK1 Cooling Water Tunnel	2,000,000 GPD (intermittent)
	MK2 Cooling Water Tunnel	4,230,000 GPD
	Service water pump house return	100,000 GPD
	Non-Contact Cooling Water Return	144,000 GPD (intermittent)
	Boiler Blowdown + Seal Water (Overflows) & Storm Drains	11,000 GPD (intermittent)
	Waste Treatment Plant (#1)	81,515 GPD
	Yard Drains	5,000 GPD (intermittent)

Note: As indicated above, some of the values represent typically intermittent flows. There is a non-zero balance of water removed and water added because of the intermittent flows.

4.0 BATW SYSTEM MAINTENANCE AND INSPECTION

A regular maintenance and inspection preventative maintenance management system is used to identify, repair, and replace equipment prior to failures. Preventative maintenance work orders are issued for timely upkeep of critical equipment and components.

The Operations Department does a walk-through at least daily to inspect the BATW system, including valves, pipe flanges and piping, to identify leaks, spills and other unintended bottom ash transport water escaping from the system. If needed, timely repairs are arranged.

Copies of inspection reports and a summary of preventative and corrective maintenance performed during the previous calendar year are included as Appendix C. Inspection reports are provided for days during which one or both MK units generated electricity.

5.0 EVALUATION OF BATW ELIMINATION/MINIMIZATION

GSP completed an evaluation of costs and feasibility of full recycling of BATW to eliminate or minimize discharges. The evaluation recommendations were to install a remotely-located submerged flight conveyor (SFC) and associated infrastructure with an estimated cost of roughly $7,000,000 (2021 dollars). Given the significant changes to Merrimack Station's operational profile in recent years (substantially reduced operations and thus BATW discharges), coupled with the likely permanent cessation of coal combustion at MK1 and MK2 in the foreseeable future, the installation of SFC technology is not economically viable.

6.0 RECYCLE SYSTEM AND DISCHARGE MINIMIZATION

The following elements are included in the current BATW system for recycling and minimizing BATW discharge.

- BATW is recycled for use in the FGD scrubber.
- Investigate options to minimize slag sluice operations to reduce the volume of BATW discharges, such as optimizing intermittent operations to reduce sluice flows. The MK1 Boiler BATW sluice for emptying the slag tank is operated intermittently at a typically consistent flow, and minimizing the time that it is operating minimizes the BATW discharge.

Recycling BATW through the FGD scrubber reduces BATW discharges from the facility by over 1,000,000 GPD during normal station on-line operation. Reductions in BATW discharges achieved by other procedures implemented by GSP have not been quantified.

7.0 SCHEDULE FOR IMPLEMENTATION

No changes to the existing BATW system are planned. The BMPs outlined in this plan represent the BATW discharge control measures that GSP determined are technically available and economically achievable for the Merrimack Station facility at this time. Options for BATW elimination or minimization, and the feasibility of such options, shall periodically be reassessed.

8.0 RECYCLE SYSTEM MAINTENANCE AND INSPECTION

A regular maintenance and inspection preventative maintenance management system for the FGD system is used to identify, repair, and replace equipment prior to failures. Preventative maintenance work orders are issued for timely upkeep of critical equipment and components.

While operating, the Operations Department does a routine walk-through to inspect the FGD system. If needed, timely repairs are arranged.

9.0 FLOW MONITORING

Measurements associated with the flow monitoring, described below in Exhibit 2, are to be recorded on at least a weekly basis and kept in the BATW system maintenance and operation file.

Exhibit 2 - Summary of BATW System Additions and Removals

BATW System Component	Weekly Monitoring Method	During Normal Station On-line Operation	
		Flow Type	Typical Flow
MK1 BATW added to the BATW system, including the BATW slag sluice	Record start and stop times of water being added from the MK1 cooling water tunnel to the MK1 sluice system while the boiler is running. Sum the total run time of the MK1 sluice water addition and multiple by the typical operational flow rate to obtain the weekly flow volume. There may be MK1 sluice water running while the boiler is not firing, but this water is not included as BATW given bottom ash is not generated during that time.	Intermittent	2,000,000 GPD
MK2 BATW added to the BATW system, including the BATW slag sluice	Record start and stop times of water being added from the MK2 cooling water tunnel to the MK2 sluice system while the boiler is running. Sum the total run time of the MK2 sluice water addition and multiple by the typical operational flow rate to obtain the weekly flow volume. There may be MK2 sluice water running while the boiler is not firing, but this water is not included as BATW given bottom ash is not generated during that time.	Continuous	4,230,000 GPD
Total BATW discharged	Continuous flow monitoring data are collected at Internal Outfall 003A.	Continuous	5,330,000 GPD
BATW recycled to the FGD absorber	Operational or flow data will be collected to establish flows at the FGD absorber.	Continuous	1,100,000 GPD

Note: As indicated above, some of the values represent typically intermittent flows. There is a non-zero balance of water removed and water added because of the intermittent flows.

Weekly BATW flow measurements from the previous calendar year and the average amount of recycled BATW are provided in Appendix D.

Appendix A
Limitations

APPENDIX A
LIMITATIONS

1. The observations described in this report were made under the conditions stated herein. The conclusions presented in this report were based solely upon the services described herein, and not on scientific tasks or procedures beyond the scope of described services or the time and budgetary constraints imposed by the Client.
2. In preparing this report, Sanborn Head has relied on certain information provided by other parties referenced herein. Detailed evaluations of this information to verify its validity was not conducted.
3. Should additional information on relevant conditions at the site which is not contained in the report be obtained, such information should be brought to Sanborn Head's attention. We will evaluate such information and, on the basis of our evaluation, may modify the conclusions stated in this report.
4. This report was prepared for the exclusive use of GSP Merrimack LLC (GSP) for specific application for 40 CFR Part 423(k)(3) compliance for GSP's Merrimack Station bottom ash transport water system for MK1 Boiler and MK2 Boiler electric generating units in Bow, New Hampshire, and was prepared in accordance with generally-accepted environmental engineering practices. No warranty, express or implied, is made.

Appendix B
Schematic of Water Flow

File:P:\2000s\2025.15\Graphics Files\CAD\Schematic Water Flow-JUL24\Schematic of Water Flow.dwg Plot Date: 7-31-24

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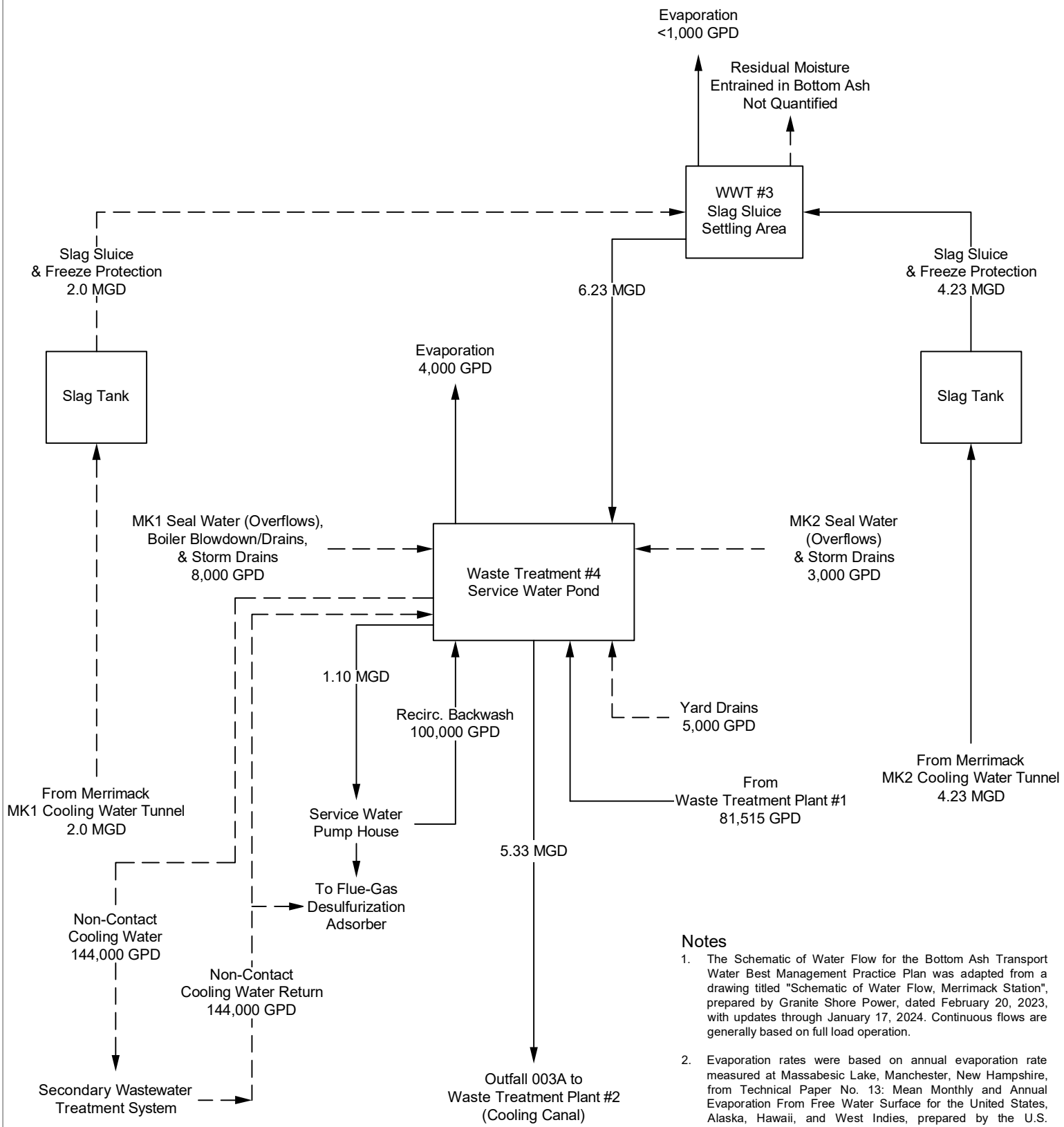

Notes

1. The Schematic of Water Flow for the Bottom Ash Transport Water Best Management Practice Plan was adapted from a drawing titled "Schematic of Water Flow, Merrimack Station", prepared by Granite Shore Power, dated February 20, 2023, with updates through January 17, 2024. Continuous flows are generally based on full load operation.

2. Evaporation rates were based on annual evaporation rate measured at Massabesic Lake, Manchester, New Hampshire, from Technical Paper No. 13: Mean Monthly and Annual Evaporation From Free Water Surface for the United States, Alaska, Hawaii, and West Indies, prepared by the U.S. Department of Commerce, dated July 1950. Reported monthly evaporation rates were greatest in June, July, and August.

Legend

MGD Million Gallons Per Day
GPD Gallons Per Day

— — — Intermittent flow
——— Continuous Flow During Normal Station On Line Operation

Drawn By: D. Dombrowsky
Designed By: H. Roakes
Reviewed By: J. Scott
Project No: 2025.15
Date: July 2024

Not To Scale

SANBORN HEAD

Appendix B

Schematic of Water Flow

Bottom Ash Transport Water Best Management Practice Plan

Merrimack Station
Bow, New Hampshire

Appendix C
Inspection Reports and Preventative Maintenance

EOD - EA

Date: 01-19-2024 Shift: D Name: Shaun Ball

Unit 1

#2 ~~Oil @ Midnight, Ignition~~ Oil Tank / ~~Yard~~ Service Tank	— / —
1B BFP Lube Oil Pressure	15 PSI
1B BFP Coupling Oil Temperature / Pressure	98 / 10PSI
1A BFP Lube Oil Pressure	15 PSI
1A BFP Coupling Oil Temperature / Pressure	100 / 8PSI
1A BFP Motor Bearing Lube Oil Pressure	12 PSI
Cooling Water Heat Exchanger Inlet Temperature	62°
Cooling Water Heat Exchanger Outlet Temperature	50°
Cooling Water Heat Exchanger Discharge Pressure	75°
Cooling Water Pump Discharge Pressure / Pumps in service	80/ / A+B
Seal Oil Temperature	99.27
Hydrogen Gas Pressure	28.1 PSI
Hydrogen Fan Pressure	3.77
Hydrogen Purity	99.4
Hydrogen Temperature @ TCV	43°
Hydrogen Dryer Dew Point	-162.4°
Condenser Inlet Temperature	39°
Condenser Outlet Temperature North / South	70° / 70°
Condenser Inlet Pressure North / South	4PSI / 4PSI
Gland Seal Steam Exhauster Vacuum "H2O	29.0
Low Level Make Up Valve Opening	0
Condensate Pump Discharge Pressure	200 PSI
Turbine Oil Inlet Temperature	130°
Turbine Oil Outlet Temperature	100°
Turbine Oil Vapor Extractor Vacuum "H2O	1.6 PSI
Turbine Oil Vapor Extractor De-mister Pressure "H20	2.5 PSI
Slag Tank Pumps Elliot Strainer Differential	2
Precipitator Flyash Hopper(s) Alarms in By-pass	2
Flyash Blower Discharge Pressure	2.8
Precipitator Flyash Hopper(s) in bypass	4
Supplemental Flyash Hopper(s) in bypass	0
River Level	192"
Main Fire Pump Discharge Pressure	150 PSI
Auxiliary Generator Coolant Temperature	109
Auxiliary Generator Battery Voltage	26V
Kaydon System Pressure / Water Meter Reading	0 / 326671
All slag sluice handling equipment for MK1 has been inspected for proper operation and discrepancies have been reported.	Ok
Portable demin through put flow meter reading	0
Comments:	

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS
T 12	87				
RT 1		25	—	0	
CMT 7		25	—	0	
MT 1		LIC	+	4	700

Note: When N2 bottle is 300 psi or lower, notify WFO.

EOD - EA

Date: 1-19-24 Shift: _____ Name: _____

Unit 2

Cooling Water Pump Discharge Pressure / Pumps in service	100 / 2B
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	80 / 80
Cooling Water Heat Exchanger Outlet Temperature North / South	80 / 80
Cooling Water Heat Exchanger Discharge Pressure North / South	-2 / -5
Air In-leakage @ 2A / 2B Vacuum Pumps	0 / 9
Seal Water Temp @ 2A and 2B Vacuum Pumps	71 / 100
2B DA Pump Discharge Pressure	350
2B DA Pump Bearing Lube Oil Pressure	3
2A DA Pump Discharge Pressure	380
2A DA Pump Bearing Lube Oil Pressure	2.5
MBFP/SUBFP Gland Water Pressure	260
Coupling Oil Pump Discharge Pressure	160
Coupling Oil Pump Suction Pressure	10
Coupling Oil Temperature	110
Turbine Oil Temperature	110
Turbine Oil Vapor Extractor Vacuum "H20	3.2
Condenser Inlet Temperature	35
Condenser Outlet Temperature East / West	90 / 90
Condenser Inlet Pressure East / West	4 / 5
Air Side/Gas Side Seal Oil Temperature	105 / 110
Hydrogen Dew Point / Hydrogen Purity	-12 / 99.7
Hydrogen Gas Pressure / Hydrogen Fan Pressure	59.6 / 76
SBAC Cooling Water Supply Pressure	50 PSI
SBAC Discharge Air Pressure	194.7
SBAC Fourth Stage Inlet Temperature	77
SBAC Evacuator Vacuum "H2O	30.76
SBAC Oil Temperature	117°
SBAC Lube Oil Pressure	26 PSI
Flyash Blower Pressure North/South	4.1 / 7.1
Precipitator Flyash hopper(s) alarms in By-pass	6
Precipitator Flyash hopper(s) in By-pass	6
Supplemental Precip Flyash Blower Discharge Pressure	3.1
Supplemental Precip Flyash Hopper(s) in By-pass	1
Scr/Eco Flyash Blower Pressure	
Scr or Eco Flyash system in Bypass	
Hypo Tank Level	—
Kaydon System Pressure / Water Meter Reading	0 / 4175
All slag sluice handling equipment for MK2 has been inspected for proper operation and discrepancies have been reported.	Ok
Comments:	

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	41					
T24	57					
ST2	40	410	—	0		
RT2	X1- 410	27	—	0	1500	—
	X2- 40					
MT2	70	10C	+	5	1400	

Note: When N2 bottle is 300 psi or lower, notify WFO.

EOD - EA

Date: 01-20-24 Shift: Day Name: Shaun Ball

Unit 2

Cooling Water Pump Discharge Pressure / Pumps in service	60PSI / 2B
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	80° / 80°
Cooling Water Heat Exchanger Outlet Temperature North / South	57 / 100°
Cooling Water Heat Exchanger Discharge Pressure North / South	-2 psi / -5 psi
Air In-leakage @ 2A / 2B Vacuum Pumps	5 / 15
Seal Water Temp @ 2A and 2B Vacuum Pumps	70 / 100
2B DA Pump Discharge Pressure	350 PSI
2B DA Pump Bearing Lube Oil Pressure	3PSI
2A DA Pump Discharge Pressure	400 PSI
2A DA Pump Bearing Lube Oil Pressure	2.5 PSI
MBFP/SUBFP Gland Water Pressure	250 PSI
Coupling Oil Pump Discharge Pressure	160 PSI
Coupling Oil Pump Suction Pressure	10 PSI
Coupling Oil Temperature	110° Degrees
Turbine Oil Temperature	110° Degrees
Turbine Oil Vapor Extractor Vacuum "H20	
Condenser Inlet Temperature	38°
Condenser Outlet Temperature East / West	81° / 86°
Condenser Inlet Pressure East / West	4PSI / 5PSI
Air Side/Gas Side Seal Oil Temperature	105° / 107°
Hydrogen Dew Point / Hydrogen Purity	-125.7 / 99.5
Hydrogen Gas Pressure / Hydrogen Fan Pressure	59.4 / 76.7
SBAC Cooling Water Supply Pressure	186.6 psi
SBAC Discharge Air Pressure	191.8 psi
SBAC Fourth Stage Inlet Temperature	75°
SBAC Evacuator Vacuum "H2O	33.07
SBAC Oil Temperature	116°
SBAC Lube Oil Pressure	121°
Flyash Blower Pressure North/South	9.2 / 9.2
Precipitator Flyash hopper(s) alarms in By-pass	0
Precipitator Flyash hopper(s) in By-pass	6
Supplemental Precip Flyash Blower Discharge Pressure	3
Supplemental Precip Flyash Hopper(s) in By-pass	1
Scr/Eco Flyash Blower Pressure	—
Scr or Eco Flyash system in Bypass	—
Hypo Tank Level	—
Kaydon System Pressure / Water Meter Reading	0 / 4175
All slag sluice handling equipment for MK2 has been inspected for proper operation and discrepancies have been reported.	Okay
Comments:	

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	47					
T24	57					
ST2	40	40	—	0		
RT2	X1- 40	35	—	0	1500	—
	X2- 40					
MT2	60	50	+	5	1800	

Note: When N2 bottle is 300 psi or lower, notify WFO.

EOD - EA

Date: 01-20-24 Shift: Day Name: Shaun Ball

Unit 2

Cooling Water Pump Discharge Pressure / Pumps in service	60PSI 2B
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	80° / 80°
Cooling Water Heat Exchanger Outlet Temperature North / South	57 ~~60~~ / ~~80~~ 100°
Cooling Water Heat Exchanger Discharge Pressure North / South	-2 psi / -5 psi
Air In-leakage @ 2A / 2B Vacuum Pumps	5 / 15
Seal Water Temp @ 2A and 2B Vacuum Pumps	70 / 60
2B DA Pump Discharge Pressure	350 PSI
2B DA Pump Bearing Lube Oil Pressure	~~40 PSI~~ 3PSI
2A DA Pump Discharge Pressure	~~2.5 PSI~~ 400 PSI
2A DA Pump Bearing Lube Oil Pressure	~~30 PSI~~ 2.5 PSI
MBFP/SUBFP Gland Water Pressure	250 PSI
Coupling Oil Pump Discharge Pressure	100 PSI
Coupling Oil Pump Suction Pressure	10 PSI
Coupling Oil Temperature	110° Degrees
Turbine Oil Temperature	110° Degrees
Turbine Oil Vapor Extractor Vacuum "H20	3
Condenser Inlet Temperature	38°
Condenser Outlet Temperature East / West	~~91~~ / ~~80~~ 86°
Condenser Inlet Pressure East / West	4PSI/ 5PSI
Air Side/Gas Side Seal Oil Temperature	105° / 107°
Hydrogen Dew Point / Hydrogen Purity	-125.7 / 94.5
Hydrogen Gas Pressure / Hydrogen Fan Pressure	59.4 / 76.7
SBAC Cooling Water Supply Pressure	186.6 psi
SBAC Discharge Air Pressure	191.8 psi
SBAC Fourth Stage Inlet Temperature	75°
SBAC Evacuator Vacuum "H2O	33.07
SBAC Oil Temperature	116°
SBAC Lube Oil Pressure	121°
Flyash Blower Pressure North/South	4.2 / 8.2
Precipitator Flyash hopper(s) alarms in By-pass	0
Precipitator Flyash hopper(s) in By-pass	6
Supplemental Precip Flyash Blower Discharge Pressure	3
Supplemental Precip Flyash Hopper(s) in By-pass	1
Scr/Eco Flyash Blower Pressure	—
Scr or Eco Flyash system in Bypass	—
Hypo Tank Level	—
Kaydon System Pressure / Water Meter Reading	0 / ~~4175~~ 4175
All slag sluice handling equipment for MK2 has been inspected for proper operation and discrepancies have been reported.	Okay
Comments:	

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	47					
T24	57					
ST2	40	40	—	0		
RT2	X1- 40	35	—	0	1500	—
	X2- 40					
MT2	60	50	+	5	1800	

Note: When N2 bottle is 300 psi or lower, notify WFO.

EOD - EA

Date: 3-8-24 Shift: D Name: AP

Unit 2

Cooling Water Pump Discharge Pressure / Pumps in service	2A 1 60
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	42 1 44
Cooling Water Heat Exchanger Outlet Temperature North / South	44 1 44
Cooling Water Heat Exchanger Discharge Pressure North / South	55 1 58
Air In-leakage @ 2A / 2B Vacuum Pumps	0 1 0
Seal Water Temp @ 2A and 2B Vacuum Pumps	45 1 43
2B DA Pump Discharge Pressure	0
2B DA Pump Bearing Lube Oil Pressure	4
2A DA Pump Discharge Pressure	0
2A DA Pump Bearing Lube Oil Pressure	3.5
MBFP/SUBFP Gland Water Pressure	0
Coupling Oil Pump Suction Pressure/Discharge Pressure	10 1 130
Coupling Oil Temperature	75
Turbine Oil Temperature	74
Turbine Oil Vapor Extractor Vacuum "H20	4.3
Condenser Inlet Temperature	48
Condenser Outlet Temperature East / West	48 1 48
Condenser Inlet Pressure East / West	0 1 0
Air Side/Gas Side Seal Oil Temperature	73 1 75
Hydrogen Dew Point / Hydrogen Purity	-88.8 1 100
Hydrogen Gas Pressure / Hydrogen Fan Pressure	39.6 1 0.4
Flyash Blower Pressure North/South	0 1 0
Precipitator Flyash hoppers in Bypass/Alarms in Bypass	ALL
Supplemental Precip Flyash Blower Discharge Pressure	0
Supplemental Precip Flyash Hoppers in Bypass	ALL
Kaydon System Pressure / Water Meter Reading	S 14175.5
All slag sluice handling equipment for MK2 has been inspected for proper operation and discrepancies have been reported.	SK
TA-6040 Discharge pressure/Oil temperature	1.4 191

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	46					
T24	66					
ST2	35	35	-	.5		
RT2	X1- 8	5	-	1	19,50	
	X2- 8					
MT2	10	10	-	1	1700	

Note: When N2 bottle is 300 psi or lower, notify WFO.

	River Info		
Circulators in operation	2A	2B	Both
Screen house Recirc valve position		25 %	
Forebay Frozen?	YES	(NO)	
Is there evidence of Deicing water being released to river?	If YES close off on the Screen house Recirc valve until there is no flow.		NO
NOTE: If Deicing is in progress the Traveling screens are to be run in continuous with 1 Circulator in service.			

EOD - EA

Date: 3/9/24 Shift: N Name: _____

Unit 2

Cooling Water Pump Discharge Pressure / Pumps in service		55 / 2B
Heat Exchanger Parallel Operation	North and South	
Cooling Water Heat Exchanger Inlet Temperature	North / South	56 / 60
Cooling Water Heat Exchanger Outlet Temperature	North / South	60 / 58
Cooling Water Heat Exchanger Discharge Pressure	North / South	55 / 56
Air In-leakage @ 2A / 2B Vacuum Pumps		0 / 0
Seal Water Temp @ 2A and 2B Vacuum Pumps		40 / 40
2B DA Pump Discharge Pressure		0
2B DA Pump Bearing Lube Oil Pressure		3
2A DA Pump Discharge Pressure		0
2A DA Pump Bearing Lube Oil Pressure		3
MBFP/SUBFP Gland Water Pressure		0
Coupling Oil Pump Suction Pressure/Discharge Pressure		10 AC/145
Coupling Oil Temperature		75
Turbine Oil Temperature		70
Turbine Oil Vapor Extractor Vacuum "H20		0
Condenser Inlet Temperature		43
Condenser Outlet Temperature East / West		49 / 49
Condenser Inlet Pressure East / West		0 / 0
Air Side/Gas Side Seal Oil Temperature		75 / 75
Hydrogen Dew Point / Hydrogen Purity		-135.2 / 100.1
Hydrogen Gas Pressure / Hydrogen Fan Pressure		39.6 / .4
Flyash Blower Pressure North/South		0 / 0
Precipitator Flyash hoppers in Bypass/Alarms in Bypass		ACC
Supplemental Precip Flyash Blower Discharge Pressure		0
Supplemental Precip Flyash Hoppers in Bypass		ACC
Kaydon System Pressure / Water Meter Reading		5 / 14170
All slag sluice handling equipment for MK2 has been inspected for proper operation and discrepancies have been reported.		✓
TA-6040 Discharge pressure/Oil temperature		1.4 / 191

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	45					
T24	59					
ST2	35	35	—	.5		
RT2	X1- 10	10	—	.5	1800	
	X2- 10					
MT2	15	10	—	1	1750	

Note: When N2 bottle is 300 psi or lower, notify WFO.

	River Info		
Circulators in operation	2A	2B	Both
Screen house Recirc valve position		25	%
Forebay Frozen?	YES	NO	
Is there evidence of Deicing water being released to river?	If YES close off on the Screen house Recirc valve until there is no flow.		NO
NOTE: If Deicing is in progress the Traveling screens are to be run in continuous with 1 Circulator in service.			

EOD - EA

Date: 3/10/24 Shift: D Name: _____

Unit 2

Cooling Water Pump Discharge Pressure / Pumps in service	57 / 28
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	45 / 45
Cooling Water Heat Exchanger Outlet Temperature North / South	43 / 43
Cooling Water Heat Exchanger Discharge Pressure North / South	55 / 57
Air In-leakage @ 2A / 2B Vacuum Pumps	0 / 0
Seal Water Temp @ 2A and 2B Vacuum Pumps	44 / 40
2B DA Pump Discharge Pressure	0
2B DA Pump Bearing Lube Oil Pressure	4
2A DA Pump Discharge Pressure	0
2A DA Pump Bearing Lube Oil Pressure	3
MBFP/SUBFP Gland Water Pressure	0
Coupling Oil Pump Suction Pressure/Discharge Pressure	10 / 132
Coupling Oil Temperature	75
Turbine Oil Temperature	73
Turbine Oil Vapor Extractor Vacuum "H20	4
Condenser Inlet Temperature	39
Condenser Outlet Temperature East / West	37 / 39
Condenser Inlet Pressure East / West	3 / 3.5
Air Side/Gas Side Seal Oil Temperature	75 / 76
Hydrogen Dew Point / Hydrogen Purity	-84.3 / 100
Hydrogen Gas Pressure / Hydrogen Fan Pressure	39 / 1 / -3
Flyash Blower Pressure North/South	0 / 0
Precipitator Flyash hoppers in Bypass/Alarms in Bypass	ALL
Supplemental Precip Flyash Blower Discharge Pressure	0
Supplemental Precip Flyash Hoppers in Bypass	ALL
Kaydon System Pressure / Water Meter Reading	5 / 14/755
All slag sluice handling equipment for MK2 has been inspected for proper operation and discrepancies have been reported.	Ok
TA-6040 Discharge pressure/Oil temperature	1.4 / 193

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	50					
T24	71					
ST2	35	35	-	1		
RT2	X1- 8	5	-	1	1750	
	X2- 8					
MT2	10	10	-	1.5	1700	

Note: When N2 bottle is 300 psi or lower, notify WFO.

	River Info		
Circulators in operation	(2A)	2B	Both
Screen house Recirc valve position		0 %	
Forebay Frozen?	YES	(NO)	
Is there evidence of Deicing water being released to river?	If YES close off on the Screen house Recirc valve until there is no flow.		(NO)
NOTE: If Deicing is in progress the Traveling screens are to be run in continuous with 1 Circulator in service.			

EOD - EA

Date: 3/11/24 Shift: N Name: ROWELL

Unit 2

Cooling Water Pump Discharge Pressure / Pumps in service	50 12A
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	49 149
Cooling Water Heat Exchanger Outlet Temperature North / South	43 142
Cooling Water Heat Exchanger Discharge Pressure North / South	55 150
Air In-leakage @ 2A / 2B Vacuum Pumps	0 1 0
Seal Water Temp @ 2A and 2B Vacuum Pumps	50 143
2B DA Pump Discharge Pressure	150
2B DA Pump Bearing Lube Oil Pressure	3
2A DA Pump Discharge Pressure	160
2A DA Pump Bearing Lube Oil Pressure	3
MBFP/SUBFP Gland Water Pressure	100
Coupling Oil Pump Suction Pressure/Discharge Pressure	10 1(2A)160
Coupling Oil Temperature	65
Turbine Oil Temperature	75
Turbine Oil Vapor Extractor Vacuum "H20	2.75
Condenser Inlet Temperature	40
Condenser Outlet Temperature East / West	40 140
Condenser Inlet Pressure East / West	3LB 3LB
Air Side/Gas Side Seal Oil Temperature	40 170
Hydrogen Dew Point / Hydrogen Purity	-31.6 100
Hydrogen Gas Pressure / Hydrogen Fan Pressure	41.8 1.3
Flyash Blower Pressure North/South	5 15
Precipitator Flyash hoppers in Bypass/Alarms in Bypass	NONE
Supplemental Precip Flyash Blower Discharge Pressure	2.6
Supplemental Precip Flyash Hoppers in Bypass	2
Kaydon System Pressure / Water Meter Reading	5 14170
All slag sluice handling equipment for MK2 has been inspected for proper operation and discrepancies have been reported.	✓
TA-6040 Discharge pressure/Oil temperature	1.4 193

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	48					
T24	56					
ST2	40	35	—	.5		
RT2	X1- 20	20	—	.5	1750	
	X2- 20					
MT2	44	44	—	3	1700	

Note: When N2 bottle is 300 psi or lower, notify WFO.

	River Info		
Circulators in operation	(2A)	2B	Both
Screen house Recirc valve position		0 %	
Forebay Frozen?	YES	(NO)	
Is there evidence of Deicing water being released to river?	If YES close off on the Screen house Recirc valve until there is no flow.		(NO)
NOTE: If Deicing is in progress the Traveling screens are to be run in continuous with 1 Circulator in service.			

2103
6354
80762

EOD - EA

Date: 3-12-24 Shift: D Name: AP

Unit 2

Cooling Water Pump Discharge Pressure / Pumps in service	23 / 55
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	44 / 46
Cooling Water Heat Exchanger Outlet Temperature North / South	44 / 44
Cooling Water Heat Exchanger Discharge Pressure North / South	55 / 55
Air In-leakage @ 2A / 2B Vacuum Pumps	0 / 0
Seal Water Temp @ 2A and 2B Vacuum Pumps	50 /
2B DA Pump Discharge Pressure	0
2B DA Pump Bearing Lube Oil Pressure	4
2A DA Pump Discharge Pressure	0
2A DA Pump Bearing Lube Oil Pressure	3
MBFP/SUBFP Gland Water Pressure	0
Coupling Oil Pump Suction Pressure/Discharge Pressure	10 / 138
Coupling Oil Temperature	60
Turbine Oil Temperature	87
Turbine Oil Vapor Extractor Vacuum "H20	2.6
Condenser Inlet Temperature	40
Condenser Outlet Temperature East / West	37 / 40
Condenser Inlet Pressure East / West	3 / 4
Air Side/Gas Side Seal Oil Temperature	75 / 68
Hydrogen Dew Point / Hydrogen Purity	-41 / 100
Hydrogen Gas Pressure / Hydrogen Fan Pressure	44.81 .3
Flyash Blower Pressure North/South	3.8 13.9
Precipitator Flyash hoppers in Bypass/Alarms in Bypass	10, 7, 4, 3
Supplemental Precip Flyash Blower Discharge Pressure	2.4
Supplemental Precip Flyash Hoppers in Bypass	NONE
Kaydon System Pressure / Water Meter Reading	-5 / 14176
All slag sluice handling equipment for MK2 has been inspected for proper operation and discrepancies have been reported.	ok
TA-6040 Discharge pressure/Oil temperature	1.4 192

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	49					
T24	68					
ST2	40	35	=	1		
RT2	X1- 20	18	-	1.5	1750	
	X2- 20					
MT2	30	35	+	2.5	1750	

Note: When N2 bottle is 300 psi or lower, notify WFO.

	River Info		
Circulators in operation	(2A)	2B	Both
Screen house Recirc valve position		(B)	%
Forebay Frozen?	YES	(NO)	
Is there evidence of Deicing water being released to river?	If YES close off on the Screen house Recirc valve until there is no flow.		(NO)
NOTE: If Deicing is in progress the Traveling screens are to be run in continuous with 1 Circulator in service.			

80762
2104
L355

EOD - EA

Date: 13MAR24 Shift: N Name: ERIK R

Unit 2

Cooling Water Pump Discharge Pressure / Pumps in service	60 12B
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	44 / 44
Cooling Water Heat Exchanger Outlet Temperature North / South	46 / 43
Cooling Water Heat Exchanger Discharge Pressure North / South	55 / 50
Air In-leakage @ 2A / 2B Vacuum Pumps	0 / 0
Seal Water Temp @ 2A and 2B Vacuum Pumps	0 / 0
2B DA Pump Discharge Pressure	0
2B DA Pump Bearing Lube Oil Pressure	3
2A DA Pump Discharge Pressure	0
2A DA Pump Bearing Lube Oil Pressure	3
MBFP/SUBFP Gland Water Pressure	0
Coupling Oil Pump Suction Pressure/Discharge Pressure	10 / (AC) 135
Coupling Oil Temperature	65
Turbine Oil Temperature	75
Turbine Oil Vapor Extractor Vacuum "H20	2.75
Condenser Inlet Temperature	55
Condenser Outlet Temperature East / West	50 / 51
Condenser Inlet Pressure East / West	0 / 0
Air Side/Gas Side Seal Oil Temperature	42 / 69
Hydrogen Dew Point / Hydrogen Purity	-87.7 / 100
Hydrogen Gas Pressure / Hydrogen Fan Pressure	41 / 1.3
Flyash Blower Pressure North/South	0 / 0
Precipitator Flyash hoppers in Bypass/Alarms in Bypass	3, 4, 7, 10
Supplemental Precip Flyash Blower Discharge Pressure	0
Supplemental Precip Flyash Hoppers in Bypass	0
Kaydon System Pressure / Water Meter Reading	5 / 14170
All slag sluice handling equipment for MK2 has been inspected for proper operation and discrepancies have been reported.	✓
TA-6040 Discharge pressure/Oil temperature	1.4 / 96

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	54					
T24	57					
ST2	40	40	—			
RT2	X1- 20	20	—		1700	
	X2- 20					
MT2	30	30	—	1.5	1700	

Note: When N2 bottle is 300 psi or lower, notify WFO.

	River Info		
Circulators in operation	2A	2B	Both
Screen house Recirc valve position		25	%
Forebay Frozen?	YES	NO	
Is there evidence of Deicing water being released to river?	If YES close off on the Screen house Recirc valve until there is no flow.		NO
NOTE: If Deicing is in progress the Traveling screens are to be run in continuous with 1 Circulator in service.			

EOD - EA

Date: 3-25 Shift: Day Name: Shain

Unit 2

Cooling Water Pump Discharge Pressure / Pumps in service	60 / 2B
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	80 / 80
Cooling Water Heat Exchanger Outlet Temperature North / South	820 / 60
Cooling Water Heat Exchanger Discharge Pressure North / South	55 / 57
Air In-leakage @ 2A / 2B Vacuum Pumps	/
Seal Water Temp @ 2A and 2B Vacuum Pumps	62 / 50
2B DA Pump Discharge Pressure	375
2B DA Pump Bearing Lube Oil Pressure	3
2A DA Pump Discharge Pressure	425
2A DA Pump Bearing Lube Oil Pressure	3
MBFP/SUBFP Gland Water Pressure	250
Coupling Oil Pump Discharge Pressure	169
Coupling Oil Pump Suction Pressure	11
Coupling Oil Temperature	110° F
Turbine Oil Temperature	110° F
Turbine Oil Vapor Extractor Vacuum "H20	1 3/4
Condenser Inlet Temperature	40°
Condenser Outlet Temperature East / West	80° / 78°
Condenser Inlet Pressure East / West	4 / 4
Air Side/Gas Side Seal Oil Temperature	110° / 110°
Hydrogen Dew Point / Hydrogen Purity	160.8°F / 100.0
Hydrogen Gas Pressure / Hydrogen Fan Pressure	50.4 / 64.9
SBAC Cooling Water Supply Pressure	1.4
SBAC Discharge Air Pressure	1.4
SBAC Fourth Stage Inlet Temperature	58
SBAC Evacuator Vacuum "H2O	47.50
SBAC Oil Temperature	87
SBAC Lube Oil Pressure	13.0
Flyash Blower Pressure North/South	44 / 44.9
Precipitator Flyash hopper(s) alarms in By-pass	0
Precipitator Flyash hopper(s) in By-pass	0
Supplemental Precip Flyash Blower Discharge Pressure	3
Supplemental Precip Flyash Hopper(s) in By-pass	0
Scr/Eco Flyash Blower Pressure	0
Scr or Eco Flyash system in Bypass	
Hypo Tank Level	—
Kaydon System Pressure / Water Meter Reading	0 / 141707
All slag sluice handling equipment for MK2 has been inspected for proper operation and discrepancies have been reported.	Good
Comments:	

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	48					
T24	70					
ST2	40	40	—	0		
RT2	X1- 30	25	—	3	1200	
	X2- 30					
MT2	45	45	25°	3.5	1500	

Note: When N2 bottle is 300 psi or lower, notify WFO.

EOD - EA

Date: 03/25/24 Shift: night Name: Jade

Unit 2

Cooling Water Pump Discharge Pressure / Pumps in service	26 / 26
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	86 / 87
Cooling Water Heat Exchanger Outlet Temperature North / South	75 / 68
Cooling Water Heat Exchanger Discharge Pressure North / South	0 / -2
Air In-leakage @ 2A / 2B Vacuum Pumps	10 / 8
Seal Water Temp @ 2A and 2B Vacuum Pumps	60 / 54
2B DA Pump Discharge Pressure	3
2B DA Pump Bearing Lube Oil Pressure	400
2A DA Pump Discharge Pressure	440
2A DA Pump Bearing Lube Oil Pressure	2.5
MBFP/SUBFP Gland Water Pressure	280
Coupling Oil Pump Suction Pressure/Discharge Pressure	10 / 155
Coupling Oil Temperature	120
Turbine Oil Temperature	105
Turbine Oil Vapor Extractor Vacuum "H20	2.4
Condenser Inlet Temperature	40
Condenser Outlet Temperature East / West	70 / 70
Condenser Inlet Pressure East / West	4 / 4
Air Side/Gas Side Seal Oil Temperature	110 / 105
Hydrogen Dew Point / Hydrogen Purity	-107 / 100
Hydrogen Gas Pressure / Hydrogen Fan Pressure	58.1 / 13.5
Flyash Blower Pressure North/South	4.6 / 3.9
Precipitator Flyash hoppers in Bypass/Alarms in Bypass	#2/#3/#4/#7/#10
Supplemental Precip Flyash Blower Discharge Pressure	2.7
Supplemental Precip Flyash Hoppers in Bypass	
Kaydon System Pressure / Water Meter Reading	5 / 4178
All slag sluice handling equipment for MK2 has been inspected for proper operation and discrepancies have been reported.	Fire main ✓ throttled for aiding sluicing
TA-6040 Discharge pressure/Oil temperature	/

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	53					
T24	76					
ST2	35	35	—	0		
RT2	X1- 46	36	—	3	1350	
	X2- 44					
MT2	65	65	+	3.5	1600	

Note: When N2 bottle is 300 psi or lower, notify WFO.

	River Info		
Circulators in operation	2A	2B	Both
Screen house Recirc valve position			% Closed
Forebay Frozen?	YES	NO	
Is there evidence of Deicing water being released to river?	If YES close off on the Screen house Recirc valve until there is no flow.		NO
NOTE: If Deicing is in progress the Traveling screens are to be run in continuous with 1 Circulator in service.			

EOD - EA

Date: 7/9/24 Shift: _____ Name: _____

Unit 2

Cooling Water Pump Discharge Pressure / Pumps in service	~~—~~ /
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	/ 80
Cooling Water Heat Exchanger Outlet Temperature North / South	/ 71
Cooling Water Heat Exchanger Discharge Pressure North / South	/ 0
Air In-leakage @ 2A / 2B Vacuum Pumps	/
Seal Water Temp @ 2A and 2B Vacuum Pumps	/
2B DA Pump Discharge Pressure	3
2B DA Pump Bearing Lube Oil Pressure	
2A DA Pump Discharge Pressure	3
2A DA Pump Bearing Lube Oil Pressure	
MBFP/SUBFP Gland Water Pressure	
Coupling Oil Pump Suction Pressure/Discharge Pressure	/
Coupling Oil Temperature	
Turbine Oil Temperature	
Turbine Oil Vapor Extractor Vacuum "H20	5
Condenser Inlet Temperature	
Condenser Outlet Temperature East / West	/
Condenser Inlet Pressure East / West	/
Air Side/Gas Side Seal Oil Temperature	/
Hydrogen Dew Point / Hydrogen Purity	-78.7 / 99.1
Hydrogen Gas Pressure / Hydrogen Fan Pressure	40.8 /
Flyash Blower Pressure North/South	/
Precipitator Flyash hoppers in Bypass/Alarms in Bypass	
Supplemental Precip Flyash Blower Discharge Pressure	
Supplemental Precip Flyash Hoppers in Bypass	
Kaydon System Pressure / Water Meter Reading	/
All slag sluice handling equipment for MK2 has been inspected for proper operation and discrepancies have been reported.	
TA-6040 Discharge pressure/Oil temperature	/

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	68					
T24	75					
ST2	45	45	+	2		
RT2	X1- 25	25	—	3	700	
	X2- 25					
MT2	20	35	+	+	1300	

Note: When N2 bottle is 300 psi or lower, notify WFO.

	River Info		
Circulators in operation	~~2A~~	2B	~~Both~~
Screen house Recirc valve position		closed	%
Forebay Frozen?	YES	NO	
Is there evidence of Deicing water being released to river?	If YES close off on the Screen house Recirc valve until there is no flow.		NO
NOTE: If Deicing is in progress the Traveling screens are to be run in continuous with 1 Circulator in service.			

POWER-69906
SCR-2205
SBAC-85085

EOD - EA

Date: 7/10/24 Shift: D Name: AP

Unit 2

Cooling Water Pump Discharge Pressure / Pumps in service	65 1A+B
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	108 1109
Cooling Water Heat Exchanger Outlet Temperature North / South	96 198
Cooling Water Heat Exchanger Discharge Pressure North / South	63 158
Air In-leakage @ 2A / 2B Vacuum Pumps	13 1 20
Seal Water Temp @ 2A and 2B Vacuum Pumps	94 189
2B DA Pump Discharge Pressure	390
2B DA Pump Bearing Lube Oil Pressure	35
2A DA Pump Discharge Pressure	425
2A DA Pump Bearing Lube Oil Pressure	25
MBFP/SUBFP Gland Water Pressure	275
Coupling Oil Pump Suction Pressure/Discharge Pressure	10 1152
Coupling Oil Temperature	128
Turbine Oil Temperature	125
Turbine Oil Vapor Extractor Vacuum "H20	4.0
Condenser Inlet Temperature	78
Condenser Outlet Temperature East / West	98 196
Condenser Inlet Pressure East / West	3 13.1
Air Side/Gas Side Seal Oil Temperature	125 1120
Hydrogen Dew Point / Hydrogen Purity	-48.5 199.4
Hydrogen Gas Pressure / Hydrogen Fan Pressure	59.8 173.9
Flyash Blower Pressure North/South	4.3 1 4.7
Precipitator Flyash hoppers in Bypass/Alarms in Bypass	5, 7, 8
Supplemental Precip Flyash Blower Discharge Pressure	3.2
Supplemental Precip Flyash Hoppers in Bypass	NONE
Kaydon System Pressure / Water Meter Reading	0 14182
All slag sluice handling equipment for MK2 has been inspected for proper operation and discrepancies have been reported.	Ok
TA-6040 Discharge pressure/Oil temperature	251 1 129

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	81					
T24	106					
ST2	50	50	+	2		
RT2	X1- 70	62	+	2.5	450	
	X2- 70					
MT2	65	65	+	3.2	1650	

Note: When N2 bottle is 300 psi or lower, notify WFO.

	River Info		
Circulators in operation	2A	2B	~~Both~~
Screen house Recirc valve position		0	%
Forebay Frozen?	YES	(NO)	
Is there evidence of Deicing water being released to river?	If YES close off on the Screen house Recirc valve until there is no flow.		(NO)
NOTE: If Deicing is in progress the Traveling screens are to be run in continuous with 1 Circulator in service.			

EOD - EA

Date: 1/11/14 Shift: D Name: M

Unit 2

Cooling Water Pump Discharge Pressure / Pumps in service	65 / A+B
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	110 / 98
Cooling Water Heat Exchanger Outlet Temperature North / South	112 / 102
Cooling Water Heat Exchanger Discharge Pressure North / South	62 / 58
Air In-leakage @ 2A / 2B Vacuum Pumps	10 / 7
Seal Water Temp @ 2A and 2B Vacuum Pumps	85 / 75
2B DA Pump Discharge Pressure	350
2B DA Pump Bearing Lube Oil Pressure	35
2A DA Pump Discharge Pressure	375
2A DA Pump Bearing Lube Oil Pressure	25
MBFP/SUBFP Gland Water Pressure	250
Coupling Oil Pump Suction Pressure/Discharge Pressure	10 / 165
Coupling Oil Temperature	125
Turbine Oil Temperature	125
Turbine Oil Vapor Extractor Vacuum "H20	2.8
Condenser Inlet Temperature	80
Condenser Outlet Temperature East / West	108 / 104
Condenser Inlet Pressure East / West	3.1 / 3.1
Air Side/Gas Side Seal Oil Temperature	130 / 125
Hydrogen Dew Point / Hydrogen Purity	-34 / 99
Hydrogen Gas Pressure / Hydrogen Fan Pressure	60 / 73.8
Flyash Blower Pressure North/South	4.2 / 4.1
Precipitator Flyash hoppers in Bypass/Alarms in Bypass	0
Supplemental Precip Flyash Blower Discharge Pressure	4.1
Supplemental Precip Flyash Hoppers in Bypass	0
Kaydon System Pressure / Water Meter Reading	0 / 14182
All slag sluice handling equipment for MK2 has been inspected for proper operation and discrepancies have been reported.	ok
TA-6040 Discharge pressure/Oil temperature	253 / 172

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	99					
T24	111					
ST2	55	55	+	3		
RT2	X1- 75	80	+	2.5	350	
	X2- 75					
MT2	75	90	+	1600	4.5	

Note: When N2 bottle is 300 psi or lower, notify WFO.

	River Info		
Circulators in operation	2A	2B	(Both)
Screen house Recirc valve position			%
Forebay Frozen?	YES	NO	
Is there evidence of Deicing water being released to river?	If YES close off on the Screen house Recirc valve until there is no flow.		(NO)
NOTE: If Deicing is in progress the Traveling screens are to be run in continuous with 1 Circulator in service.			

EOD - EA

Date: 7-11-24 Shift: N Name: Bunyat

Unit 2

Cooling Water Pump Discharge Pressure / Pumps in service	65-60 / A+B
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	112 / 112
Cooling Water Heat Exchanger Outlet Temperature North / South	100 / 100
Cooling Water Heat Exchanger Discharge Pressure North / South	56 / 58
Air In-leakage @ 2A / 2B Vacuum Pumps	8 / 8
Seal Water Temp @ 2A and 2B Vacuum Pumps	74 / 82
2B DA Pump Discharge Pressure	340
2B DA Pump Bearing Lube Oil Pressure	3
2A DA Pump Discharge Pressure	375
2A DA Pump Bearing Lube Oil Pressure	2.5
MBFP/SUBFP Gland Water Pressure	260
Coupling Oil Pump Suction Pressure/Discharge Pressure	10 / 165
Coupling Oil Temperature	125
Turbine Oil Temperature	125
Turbine Oil Vapor Extractor Vacuum "H20	2.8
Condenser Inlet Temperature	80
Condenser Outlet Temperature East / West	108 / 105
Condenser Inlet Pressure East / West	3 / 3
Air Side/Gas Side Seal Oil Temperature	80 / 78
Hydrogen Dew Point / Hydrogen Purity	-8.8 / 98.8
Hydrogen Gas Pressure / Hydrogen Fan Pressure	59.6 / 73.8
Flyash Blower Pressure North/South	5 / 5
Precipitator Flyash hoppers in Bypass/Alarms in Bypass	— / 1,3,7,10
Supplemental Precip Flyash Blower Discharge Pressure	11
Supplemental Precip Flyash Hoppers in Bypass	—
Kaydon System Pressure / Water Meter Reading	5 / 418
All slag sluice handling equipment for MK2 has been inspected for proper operation and discrepancies have been reported.	✓
TA-6040 Discharge pressure/Oil temperature	/

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	90					
T24	93					
ST2	55	55	+	2		
RT2	X1- 86	70	+	1.5	450	—
	X2- 80					
MT2	85	85	+	3	1700	

Note: When N2 bottle is 300 psi or lower, notify WFO.

	River Info		
Circulators in operation	2A	2B	(Both)
Screen house Recirc valve position		0 %	
Forebay Frozen?	YES	(NO)	
Is there evidence of Deicing water being released to river?	If YES close off on the Screen house Recirc valve until there is no flow.		(NO)
NOTE: If Deicing is in progress the Traveling screens are to be run in continuous with 1 Circulator in service.			

SBAC 81992
SCR 2161
PSNH 6537.664

EOD - EA

Date: 7/12/24 Shift: day Name: Jade

Unit 2

Cooling Water Pump Discharge Pressure / Pumps in service	65,60 / both
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	108 / 110
Cooling Water Heat Exchanger Outlet Temperature North / South	93 / 100
Cooling Water Heat Exchanger Discharge Pressure North / South	-3 / -8
Air In-leakage @ 2A / 2B Vacuum Pumps	5 / 5
Seal Water Temp @ 2A and 2B Vacuum Pumps	20 / 27
2B DA Pump Discharge Pressure	3.5
2B DA Pump Bearing Lube Oil Pressure	3.5
2A DA Pump Discharge Pressure	2.5
2A DA Pump Bearing Lube Oil Pressure	2
MBFP/SUBFP Gland Water Pressure	290
Coupling Oil Pump Suction Pressure/Discharge Pressure	10.5/160
Coupling Oil Temperature	127
Turbine Oil Temperature	127
Turbine Oil Vapor Extractor Vacuum "H20	3
Condenser Inlet Temperature	80
Condenser Outlet Temperature East / West	100 / 100
Condenser Inlet Pressure East / West	3 / 3
Air Side/Gas Side Seal Oil Temperature	125 / 120
Hydrogen Dew Point / Hydrogen Purity	-50 / 98.9
Hydrogen Gas Pressure / Hydrogen Fan Pressure	59.6 / 77.3
Flyash Blower Pressure North/South	4 / 5
Precipitator Flyash hoppers in Bypass/Alarms in Bypass	0 / 3,7,9
Supplemental Precip Flyash Blower Discharge Pressure	10
Supplemental Precip Flyash Hoppers in Bypass	0
Kaydon System Pressure / Water Meter Reading	0 / 4182
All slag sluice handling equipment for MK2 has been inspected for proper operation and discrepancies have been reported.	✓
TA-6040 Discharge pressure/Oil temperature	250 / 130

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	87					
T24	105					
ST2	55	50	+	2		
RT2	X1- 75	65	+	2	400	
	X2- 75					
MT2	70	60	+	2.5	1650	

Note: When N2 bottle is 300 psi or lower, notify WFO.

	River Info		
Circulators in operation	2A	2B	Both
Screen house Recirc valve position			% closed
Forebay Frozen?	YES	NO	
Is there evidence of Deicing water being released to river?	If YES close off on the Screen house Recirc valve until there is no flow.		NO
NOTE: If Deicing is in progress the Traveling screens are to be run in continuous with 1 Circulator in service.			

EOD - EA

Date: 7/13/24 Shift: day Name: Jade

Unit 2

Cooling Water Pump Discharge Pressure / Pumps in service	65 60 / A+B
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	110 / 110
Cooling Water Heat Exchanger Outlet Temperature North / South	99 / 102
Cooling Water Heat Exchanger Discharge Pressure North / South	-3 / -8
Air In-leakage @ 2A / 2B Vacuum Pumps	7 / 6
Seal Water Temp @ 2A and 2B Vacuum Pumps	80 / 70
2B DA Pump Discharge Pressure	3.5
2B DA Pump Bearing Lube Oil Pressure	4
2A DA Pump Discharge Pressure	2.5
2A DA Pump Bearing Lube Oil Pressure	15
MBFP/SUBFP Gland Water Pressure	280
Coupling Oil Pump Suction Pressure/Discharge Pressure	10 / 160
Coupling Oil Temperature	130
Turbine Oil Temperature	130
Turbine Oil Vapor Extractor Vacuum "H20	3
Condenser Inlet Temperature	80
Condenser Outlet Temperature East / West	100 / 100
Condenser Inlet Pressure East / West	4 / 4
Air Side/Gas Side Seal Oil Temperature	125 / 120
Hydrogen Dew Point / Hydrogen Purity	-44.5 / 98.7
Hydrogen Gas Pressure / Hydrogen Fan Pressure	60.4 / 79.4
Flyash Blower Pressure North/South	4.4 / 5.4
Precipitator Flyash hoppers in Bypass/Alarms in Bypass	1,3,7,9,10
Supplemental Precip Flyash Blower Discharge Pressure	N
Supplemental Precip Flyash Hoppers in Bypass	0
Kaydon System Pressure / Water Meter Reading	0 / 4182
All slag sluice handling equipment for MK2 has been inspected for proper operation and discrepancies have been reported.	✓
TA-6040 Discharge pressure/Oil temperature	250 / 187

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	32					
T24	105					
ST2	55	50	+	1.5		
RT2	X1- 70	62	+	.5	400	
	X2- 70					
MT2	70	75	+	2.5	1600	

Note: When N2 bottle is 300 psi or lower, notify WFO.

	River Info		
Circulators in operation	2A	2B	Both
Screen house Recire valve position			% closed
Forebay Frozen?	YES	NO	
Is there evidence of Deicing water being released to river?	If YES close off on the Screen house Recirc valve until there is no flow.		NO
NOTE: If Deicing is in progress the Traveling screens are to be run in continuous with 1 Circulator in service.			

EOD - EA

Date: 7/14/24 Shift: DAY Name: _____

Unit 2

Cooling Water Pump Discharge Pressure / Pumps in service	65+66 / A+B
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	110 / 110
Cooling Water Heat Exchanger Outlet Temperature North / South	100 / 98
Cooling Water Heat Exchanger Discharge Pressure North / South	-3 / -8
Air In-leakage @ 2A / 2B Vacuum Pumps	6 / 7
Seal Water Temp @ 2A and 2B Vacuum Pumps	80 / 70
2B DA Pump Discharge Pressure	3.5
2B DA Pump Bearing Lube Oil Pressure	3.5
2A DA Pump Discharge Pressure	2.5
2A DA Pump Bearing Lube Oil Pressure	3
MBFP/SUBFP Gland Water Pressure	280
Coupling Oil Pump Suction Pressure/Discharge Pressure	11 / 155
Coupling Oil Temperature	130
Turbine Oil Temperature	130
Turbine Oil Vapor Extractor Vacuum "H20	3
Condenser Inlet Temperature	86 / 80
Condenser Outlet Temperature East / West	100 / 100
Condenser Inlet Pressure East / West	4 / 4
Air Side/Gas Side Seal Oil Temperature	125 / 125
Hydrogen Dew Point / Hydrogen Purity	-46.1 / 98.5
Hydrogen Gas Pressure / Hydrogen Fan Pressure	60.4 / 81.1
Flyash Blower Pressure North/South	4.4 / 5
Precipitator Flyash hoppers in Bypass/Alarms in Bypass	0 / 1,3,6,7,9,10
Supplemental Precip Flyash Blower Discharge Pressure	11
Supplemental Precip Flyash Hoppers in Bypass	0
Kaydon System Pressure / Water Meter Reading	0 / 4178
All slag sluice handling equipment for MK2 has been inspected for proper operation and discrepancies have been reported.	✓
TA-6040 Discharge pressure/Oil temperature	255 / 130

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	78					
T24	104					
ST2	55	50	t	7		
RT2	X1- 75	65	t	1	1100	1100
	X2- 75					
MT2	70	60	t	2.5	1600	

Note: When N2 bottle is 300 psi or lower, notify WFO.

	River Info		
Circulators in operation	2A	2B	Both
Screen house Recirc valve position			% closed
Forebay Frozen?	YES	NO	
Is there evidence of Deicing water being released to river?	If YES close off on the Screen house Recirc valve until there is no flow.		NO
NOTE: If Deicing is in progress the Traveling screens are to be run in continuous with 1 Circulator in service.			

EOD - EA

Date: 7-14-24 **Shift:** N **Name:** ERIK

Unit 2

Cooling Water Pump Discharge Pressure / Pumps in service	65/60 12A/2B
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	~~HO~~ 110 / 110
Cooling Water Heat Exchanger Outlet Temperature North / South	100 / 100
Cooling Water Heat Exchanger Discharge Pressure North / South	55 /
Air In-leakage @ 2A / 2B Vacuum Pumps	~~80~~ 9 / ~~70~~ 12
Seal Water Temp @ 2A and 2B Vacuum Pumps	80 / 170
2B DA Pump Discharge Pressure	~~2.5~~ 35
2B DA Pump Bearing Lube Oil Pressure	3.5
2A DA Pump Discharge Pressure	25
2A DA Pump Bearing Lube Oil Pressure	2
MBFP/SUBFP Gland Water Pressure	255
Coupling Oil Pump Suction Pressure/Discharge Pressure	10 / 155
Coupling Oil Temperature	125
Turbine Oil Temperature	125
Turbine Oil Vapor Extractor Vacuum "H20	3.2
Condenser Inlet Temperature	80
Condenser Outlet Temperature East / West	100 / 100
Condenser Inlet Pressure East / West	-3 / +3
Air Side/Gas Side Seal Oil Temperature	125 / 125
Hydrogen Dew Point / Hydrogen Purity	-21 / 61 98.4
Hydrogen Gas Pressure / Hydrogen Fan Pressure	59, 61 79.5
Flyash Blower Pressure North/South	3.8 / 4.0
Precipitator Flyash hoppers in Bypass/Alarms in Bypass	1, 3, 6, 7, 9, 10
Supplemental Precip Flyash Blower Discharge Pressure	3.2
Supplemental Precip Flyash Hoppers in Bypass	NONE
Kaydon System Pressure / Water Meter Reading	5 / 14180
All slag sluice handling equipment for MK2 has been inspected for proper operation and discrepancies have been reported.	✓
TA-6040 Discharge pressure/Oil temperature	/

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	~~HO~~ 83					
T24	110					
ST2	80	50	+	2		
RT2	X1- 72	70	+	1	400	
	X2- 72					
MT2	60	60	+	2.5	1600	

Note: When N2 bottle is 300 psi or lower, notify WFO.

	River Info		
Circulators in operation	2A	2B	Both
Screen house Recirc valve position			%
Forebay Frozen?	YES	NO	
Is there evidence of Deicing water being released to river?	If YES close off on the Screen house Recirc valve until there is no flow.		NO
NOTE: If Deicing is in progress the Traveling screens are to be run in continuous with 1 Circulator in service.			

2177
6005
52097

EOD - EA

Date: 7-14-24 **Shift:** 1 **Name:** ROUTLL

Unit 2

Cooling Water Pump Discharge Pressure / Pumps in service		~~2A+2B~~ 2A+2B
Heat Exchanger Parallel Operation	**North and South**	
Cooling Water Heat Exchanger Inlet Temperature	**North / South**	110 111
Cooling Water Heat Exchanger Outlet Temperature	**North / South**	100 100
Cooling Water Heat Exchanger Discharge Pressure	**North / South**	55 156
Air In-leakage @ 2A / 2B Vacuum Pumps		13 120
Seal Water Temp @ 2A and 2B Vacuum Pumps		80 165
2B DA Pump Discharge Pressure		35
2B DA Pump Bearing Lube Oil Pressure		3.5
2A DA Pump Discharge Pressure		2
2A DA Pump Bearing Lube Oil Pressure		25
MBFP/SUBFP Gland Water Pressure		265
Coupling Oil Pump Suction Pressure/Discharge Pressure		10 1160
Coupling Oil Temperature		130
Turbine Oil Temperature		120
Turbine Oil Vapor Extractor Vacuum "H20		3
Condenser Inlet Temperature		~~10~~ 80
Condenser Outlet Temperature East / West		100 1100
Condenser Inlet Pressure East / West		3 1 3
Air Side/Gas Side Seal Oil Temperature		127 1125
Hydrogen Dew Point / Hydrogen Purity		-32.1 198.1
Hydrogen Gas Pressure / Hydrogen Fan Pressure		60 181.3
Flyash Blower Pressure North/South		4.7 15.6
Precipitator Flyash hoppers in Bypass/Alarms in Bypass		13 0 7 10
Supplemental Precip Flyash Blower Discharge Pressure		3
Supplemental Precip Flyash Hoppers in Bypass		NONE
Kaydon System Pressure / Water Meter Reading		5 14180
All slag sluice handling equipment for MK2 has been inspected for proper operation and discrepancies have been reported.		✓
TA-6040 Discharge pressure/Oil temperature		244 131

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	84					
T24	113					
ST2	58	50	+	2		
RT2	X1- 66	63	+	1	400	
	X2- 66					
MT2	62	62	+	2.5	1600	

Note: When N2 bottle is 300 psi or lower, notify WFO.

	River Info		
Circulators in operation	**2A**	**2B**	**Both**
Screen house Recirc valve position		0 %	
Forebay Frozen?	**YES**	**NO**	
Is there evidence of Deicing water being released to river?	**If YES close off on the Screen house Recirc valve until there is no flow.**		**NO**
NOTE: If Deicing is in progress the Traveling screens are to be run in continuous with 1 Circulator in service.			

EOD - EA

Date: 7/15/24 Shift: night Name: Croissant

Unit 2

Cooling Water Pump Discharge Pressure / Pumps in service	65+60 / both
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	110 / 113
Cooling Water Heat Exchanger Outlet Temperature North / South	101 / 102
Cooling Water Heat Exchanger Discharge Pressure North / South	-3 / -11
Air In-leakage @ 2A / 2B Vacuum Pumps	5 / 6
Seal Water Temp @ 2A and 2B Vacuum Pumps	82 / 72
2B DA Pump Discharge Pressure	3.5
2B DA Pump Bearing Lube Oil Pressure	4
2A DA Pump Discharge Pressure	2.5
2A DA Pump Bearing Lube Oil Pressure	
MBFP/SUBFP Gland Water Pressure	240
Coupling Oil Pump Suction Pressure/Discharge Pressure	11 / 162
Coupling Oil Temperature	130
Turbine Oil Temperature	130
Turbine Oil Vapor Extractor Vacuum "H20	3
Condenser Inlet Temperature	80
Condenser Outlet Temperature East / West	100 / 100
Condenser Inlet Pressure East / West	4 / 4
Air Side/Gas Side Seal Oil Temperature	132 / 125
Hydrogen Dew Point / Hydrogen Purity	-11.1 / 97.8
Hydrogen Gas Pressure / Hydrogen Fan Pressure	59.7 / 83.7
Flyash Blower Pressure North/South	4.5 / 3.9
Precipitator Flyash hoppers in Bypass/Alarms in Bypass	1,3,5,7,9,10
Supplemental Precip Flyash Blower Discharge Pressure	13
Supplemental Precip Flyash Hoppers in Bypass	0
Kaydon System Pressure / Water Meter Reading	0 / 4182
All slag sluice handling equipment for MK2 has been inspected for proper operation and discrepancies have been reported.	✓
TA-6040 Discharge pressure/Oil temperature	248 / 133

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	86					
T24	116					
ST2	50	60	+	3		
RT2	X1- 70	70	+	2.5	400	
	X2- 70					
MT2	70	70	+	3.5	1606	

Note: When N2 bottle is 300 psi or lower, notify WFO.

	River Info		
Circulators in operation	2A	2B	Both
Screen house Recirc valve position			% closed
Forebay Frozen?	YES	NO	
Is there evidence of Deicing water being released to river?	If YES close off on the Screen house Recirc valve until there is no flow.		NO
NOTE: If Deicing is in progress the Traveling screens are to be run in continuous with 1 Circulator in service.			

Power spray-k 5
SCR-2174
SBAC-83311

EOD - EA

Date: 7/16/24 Shift: night Name: Jade Croissant

Unit 2

Cooling Water Pump Discharge Pressure / Pumps in service	65160 / A+B
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	110 / 110
Cooling Water Heat Exchanger Outlet Temperature North / South	98 / 100
Cooling Water Heat Exchanger Discharge Pressure North / South	-2 / -10
Air In-leakage @ 2A / 2B Vacuum Pumps	8 / 7
Seal Water Temp @ 2A and 2B Vacuum Pumps	80 / 70
2B DA Pump Discharge Pressure	3.5
2B DA Pump Bearing Lube Oil Pressure	4
2A DA Pump Discharge Pressure	2.5
2A DA Pump Bearing Lube Oil Pressure	1
MBFP/SUBFP Gland Water Pressure	290
Coupling Oil Pump Suction Pressure/Discharge Pressure	10 / 155
Coupling Oil Temperature	130
Turbine Oil Temperature	130
Turbine Oil Vapor Extractor Vacuum "H20	4
Condenser Inlet Temperature	80
Condenser Outlet Temperature East / West	100 / 100
Condenser Inlet Pressure East / West	4 / 4
Air Side/Gas Side Seal Oil Temperature	130 / 125
Hydrogen Dew Point / Hydrogen Purity	-29.4 / 97.7
Hydrogen Gas Pressure / Hydrogen Fan Pressure	59.5 / 85.4
Flyash Blower Pressure North/South	4 / 5
Precipitator Flyash hoppers in Bypass/Alarms in Bypass	13 / 0
Supplemental Precip Flyash Blower Discharge Pressure	11
Supplemental Precip Flyash Hoppers in Bypass	0
Kaydon System Pressure / Water Meter Reading	0 / 4182
All slag sluice handling equipment for MK2 has been inspected for proper operation and discrepancies have been reported.	level rises 2-3in. above setpoint
TA-6040 Discharge pressure/Oil temperature	254 / 132

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	86					
T24	110					
ST2	60	60	+	2		
RT2	X1- 70	70	+	1	400	
	X2- 70					
MT2	70	75	+	2.5	1600	

Note: When N2 bottle is 300 psi or lower, notify WFO.

	River Info		
Circulators in operation	2A	2B	Both
Screen house Recirc valve position		%	
Forebay Frozen?	YES	NO	
Is there evidence of Deicing water being released to river?	If YES close off on the Screen house Recirc valve until there is no flow.		NO
NOTE: If Deicing is in progress the Traveling screens are to be run in continuous with 1 Circulator in service.			

power spray - 6700
SCR-2177
SBAC-83663

EOD - EA

Date: 7/17/24 Shift: _____ Name: _____

Unit 2

Cooling Water Pump Discharge Pressure / Pumps in service	65+60 / Both
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	110 / 112
Cooling Water Heat Exchanger Outlet Temperature North / South	102 / 100
Cooling Water Heat Exchanger Discharge Pressure North / South	-2 / 10
Air In-leakage @ 2A / 2B Vacuum Pumps	5 / 7
Seal Water Temp @ 2A and 2B Vacuum Pumps	70 / 80
2B DA Pump Discharge Pressure	3.5
2B DA Pump Bearing Lube Oil Pressure	3.5
2A DA Pump Discharge Pressure	2.5
2A DA Pump Bearing Lube Oil Pressure	1
MBFP/SUBFP Gland Water Pressure	230
Coupling Oil Pump Suction Pressure/Discharge Pressure	10 / 150
Coupling Oil Temperature	130
Turbine Oil Temperature	130
Turbine Oil Vapor Extractor Vacuum "H20	3
Condenser Inlet Temperature	80
Condenser Outlet Temperature East / West	100 / 100
Condenser Inlet Pressure East / West	4 / 4
Air Side/Gas Side Seal Oil Temperature	125 / 125
Hydrogen Dew Point / Hydrogen Purity	-10.9 / 97.5
Hydrogen Gas Pressure / Hydrogen Fan Pressure	59.7 / 81.5
Flyash Blower Pressure North/South	4 / 5
Precipitator Flyash hoppers in Bypass/Alarms in Bypass	M3,7,9,10
Supplemental Precip Flyash Blower Discharge Pressure	10
Supplemental Precip Flyash Hoppers in Bypass	0
Kaydon System Pressure / Water Meter Reading	0 / 4182
All slag sluice handling equipment for MK2 has been inspected for proper operation and discrepancies have been reported.	✓
TA-6040 Discharge pressure/Oil temperature	253 / 130

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	87					
T24	NG					
ST2	60	55	+	2		
RT2	X1- 70	65	+	1.5	400	
	X2- 70					
MT2	70	60	+	2.5	1000	

Note: When N2 bottle is 300 psi or lower, notify WFO.

	River Info		
Circulators in operation	2A	2B	Both
Screen house Recirc valve position			% closed
Forebay Frozen?	YES	NO	
Is there evidence of Deicing water being released to river?	If YES close off on the Screen house Recirc valve until there is no flow.		NO
NOTE: If Deicing is in progress the Traveling screens are to be run in continuous with 1 Circulator in service.			

power spray-6732
SCR-2180
SBAC-83988

EOD - EA

Date: 7/9/24 Shift: day Name: Jade

Unit 2

Cooling Water Pump Discharge Pressure / Pumps in service	55 / 2A
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	80 / 80
Cooling Water Heat Exchanger Outlet Temperature North / South	82 / 84
Cooling Water Heat Exchanger Discharge Pressure North / South	0 / -3
~~Air In-leakage @ 2A / 2B Vacuum Pumps~~	/
~~Seal Water Temp @ 2A and 2B Vacuum Pumps~~	/
2B DA Pump Discharge Pressure	3
~~2B DA Pump Bearing Lube Oil Pressure~~	
2A DA Pump Discharge Pressure	3
~~2A DA Pump Bearing Lube Oil Pressure~~	
~~MBFP/SUBFP Gland Water Pressure~~	
Coupling Oil Pump Suction Pressure/Discharge Pressure	10 / 130
~~Coupling Oil Temperature~~	
~~Turbine Oil Temperature~~	
Turbine Oil Vapor Extractor Vacuum "H20	3
Condenser Inlet Temperature	74
Condenser Outlet Temperature East / West	80 / 80
Condenser Inlet Pressure East / West	4 / 4
~~Air Side/Gas Side Seal Oil Temperature~~	/
Hydrogen Dew Point / Hydrogen Purity	-44.9 / 97.7
Hydrogen Gas Pressure / Hydrogen Fan Pressure	50.8 / 0
Flyash Blower Pressure North/South	3.5 / 4.1
Precipitator Flyash hoppers in Bypass/Alarms in Bypass	1,3,6,7,9,10
Supplemental Precip Flyash Blower Discharge Pressure	10
Supplemental Precip Flyash Hoppers in Bypass	8
Kaydon System Pressure / Water Meter Reading	8 / 4172
All slag sluice handling equipment for MK2 has been inspected for proper operation and discrepancies have been reported.	V
~~TA-6040 Discharge pressure/Oil temperature~~	/ 99

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	N					
T24	84					
ST2	55	50	+	1		
RT2	X1- 25	25	—	1	190	
	X2- 25					
MT2	45	45	+	1	1600	

Note: When N2 bottle is 300 psi or lower, notify WFO.

	River Info		
Circulators in operation	2A	2B	Both
Screen house Recirc valve position		%	
Forebay Frozen?	YES	NO	
Is there evidence of Deicing water being released to river?	If YES close off on the Screen house Recirc valve until there is no flow.		NO
NOTE: If Deicing is in progress the Traveling screens are to be run in continuous with 1 Circulator in service.			

EOD - EA

Date: 08/02/24 Shift: night Name: Croissant

Unit 2

Cooling Water Pump Discharge Pressure / Pumps in service	50 / 26
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	100 / 102
Cooling Water Heat Exchanger Outlet Temperature North / South	95 / 99
Cooling Water Heat Exchanger Discharge Pressure North / South	-5 / -14
Air In-leakage @ 2A / 2B Vacuum Pumps	10 / 8
Seal Water Temp @ 2A and 2B Vacuum Pumps	110 / 110
2B DA Pump Discharge Pressure	3
2B DA Pump Bearing Lube Oil Pressure	2.5
2A DA Pump Discharge Pressure	2.5
2A DA Pump Bearing Lube Oil Pressure	.5
MBFP/SUBFP Gland Water Pressure	260
Coupling Oil Pump Suction Pressure/Discharge Pressure	10 / 160
Coupling Oil Temperature	125
Turbine Oil Temperature	125
Turbine Oil Vapor Extractor Vacuum "H20	
Condenser Inlet Temperature	78
Condenser Outlet Temperature East / West	104 / 102
Condenser Inlet Pressure East / West	4 / 4
Air Side/Gas Side Seal Oil Temperature	125 / 120
Hydrogen Dew Point / Hydrogen Purity	-30.9 / 98.+
Hydrogen Gas Pressure / Hydrogen Fan Pressure	49.6 / 73.2
Flyash Blower Pressure North/South	5 / 6
Precipitator Flyash hoppers in Bypass/Alarms in Bypass	1,3,6,7,9,10
Supplemental Precip Flyash Blower Discharge Pressure	
Supplemental Precip Flyash Hoppers in Bypass	0
Kaydon System Pressure / Water Meter Reading	0 / 4182
All slag sluice handling equipment for MK2 has been inspected for proper operation and discrepancies have been reported.	✓
TA-6040 Discharge pressure/Oil temperature	1.1 / 106

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	96					
T24	107					
ST2	SS	SS	+	2.5		
RT2	X1- 50	55	+	4	1800	1600
	X2- 62					
MT2	70	60	+	3.5	1500	

Note: When N2 bottle is 300 psi or lower, notify WFO.

	River Info		
Circulators in operation	2A	2B	Both
Screen house Recirc valve position		closed	%
Forebay Frozen?	YES	NO	
Is there evidence of Deicing water being released to river?	If YES close off on the Screen house Recirc valve until there is no flow.		NO
NOTE: If Deicing is in progress the Traveling screens are to be run in continuous with 1 Circulator in service.			

power-6775
SOR: 2187
SBAC-84049

EOD - EA

Date: 8/6/24 Shift: _____ Name: _____

Unit 2

Cooling Water Pump Discharge Pressure / Pumps in service	62 / BOTH
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	102 / 104
Cooling Water Heat Exchanger Outlet Temperature North / South	94 / 96
Cooling Water Heat Exchanger Discharge Pressure North / South	48 / 50
Air In-leakage @ 2A / 2B Vacuum Pumps	3 / 0
Seal Water Temp @ 2A and 2B Vacuum Pumps	90 / 90
2B DA Pump Discharge Pressure	430
2B DA Pump Bearing Lube Oil Pressure	2.5
2A DA Pump Discharge Pressure	400
2A DA Pump Bearing Lube Oil Pressure	2.5
MBFP/SUBFP Gland Water Pressure	300
Coupling Oil Pump Suction Pressure/Discharge Pressure	10 / 160
Coupling Oil Temperature	125
Turbine Oil Temperature	125
Turbine Oil Vapor Extractor Vacuum "H20	3
Condenser Inlet Temperature	74
Condenser Outlet Temperature East / West	98 / 96
Condenser Inlet Pressure East / West	4 / 14.5
Air Side/Gas Side Seal Oil Temperature	125 / 113
Hydrogen Dew Point / Hydrogen Purity	-40.7 / 98.1
Hydrogen Gas Pressure / Hydrogen Fan Pressure	59.7 / 87.2
Flyash Blower Pressure North/South	4.6 / 14.2
Precipitator Flyash hoppers in Bypass/Alarms in Bypass	7, 10, 3
Supplemental Precip Flyash Blower Discharge Pressure	2.8
Supplemental Precip Flyash Hoppers in Bypass	NONE
Kaydon System Pressure / Water Meter Reading	50 / 1418Z
All slag sluice handling equipment for MK2 has been inspected for proper operation and discrepancies have been reported.	ok
TA-6040 Discharge pressure/Oil temperature	248 / 176

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	76					
T24	103					
ST2	50	50	+	1.5		
RT2	X1- 65	100	+	1	1750	
	X2- 65					
MT2	70	78	+	3.5	1500	

Note: When N2 bottle is 300 psi or lower, notify WFO.

	River Info		
Circulators in operation	2A	2B	Both
Screen house Recirc valve position		0	%
Forebay Frozen?	YES	NO	
Is there evidence of Deicing water being released to river?	If YES close off on the Screen house Recirc valve until there is no flow.		NO
NOTE: If Deicing is in progress the Traveling screens are to be run in continuous with 1 Circulator in service.			

EOD - EA

Date: 11-26-24 Shift: D Name: MB

Unit 2

Cooling Water Pump Discharge Pressure / Pumps in service	/
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	/
Cooling Water Heat Exchanger Outlet Temperature North / South	/
Cooling Water Heat Exchanger Discharge Pressure North / South	/
Air In-leakage @ 2A / 2B Vacuum Pumps	/
Seal Water Temp @ 2A and 2B Vacuum Pumps	/
2B DA Pump Discharge Pressure	
2B DA Pump Bearing Lube Oil Pressure	
2A DA Pump Discharge Pressure	
2A DA Pump Bearing Lube Oil Pressure	
MBFP/SUBFP Gland Water Pressure	
Coupling Oil Pump Suction Pressure/Discharge Pressure	/
Coupling Oil Temperature	
Turbine Oil Temperature	
Turbine Oil Vapor Extractor Vacuum "H20	
Condenser Inlet Temperature	
Condenser Outlet Temperature East / West	/
Condenser Inlet Pressure East / West	/
Air Side/Gas Side Seal Oil Temperature	/
Hydrogen Dew Point / Hydrogen Purity	/
Hydrogen Gas Pressure / Hydrogen Fan Pressure	/
Flyash Blower Pressure North/South	/
Precipitator Flyash hoppers in Bypass/Alarms in Bypass	
Supplemental Precip Flyash Blower Discharge Pressure	
Supplemental Precip Flyash Hoppers in Bypass	
Kaydon System Pressure / Water Meter Reading	/
All slag sluice handling equipment for MK2 has been inspected for proper operation and discrepancies have been reported.	
TA-6040 Discharge pressure/Oil temperature	/

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX						
T24						
ST2						
RT2	X1-					
	X2-					
MT2						

Note: When N2 bottle is 300 psi or lower, notify WFO.

	River Info		
Circulators in operation	2A	(2B)	Both
Screen house Recirc valve position		0 %	
Forebay Frozen?	YES	(NO)	
Is there evidence of Deicing water being released to river?	If YES close off on the Screen house Recirc valve until there is no flow.		NO
NOTE: If Deicing is in progress the Traveling screens are to be run in continuous with 1 Circulator in service.			

EOD - EA

Date: 11-27-24 Shift: D Name: AT

Unit 2

Cooling Water Pump Discharge Pressure / Pumps in service	65 1 2A
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	68 1 68
Cooling Water Heat Exchanger Outlet Temperature North / South	56 1 60
Cooling Water Heat Exchanger Discharge Pressure North / South	55 1 55
Air In-leakage @ 2A / 2B Vacuum Pumps	12 1 14
Seal Water Temp @ 2A and 2B Vacuum Pumps	68 1 58
2B DA Pump Discharge Pressure	400
2B DA Pump Bearing Lube Oil Pressure	4.5
2A DA Pump Discharge Pressure	440
2A DA Pump Bearing Lube Oil Pressure	2.5
MBFP/SUBFP Gland Water Pressure	325
Coupling Oil Pump Suction Pressure/Discharge Pressure	10 1 160
Coupling Oil Temperature	110
Turbine Oil Temperature	100
Turbine Oil Vapor Extractor Vacuum "H20	
Condenser Inlet Temperature	42
Condenser Outlet Temperature East / West	51 1 57
Condenser Inlet Pressure East / West	4 1 4
Air Side/Gas Side Seal Oil Temperature	102 1 95
Hydrogen Dew Point / Hydrogen Purity	-103.8 1 100
Hydrogen Gas Pressure / Hydrogen Fan Pressure	59.2 1 74.1
Flyash Blower Pressure North/South	6.1 1 8.0
Precipitator Flyash hoppers in Bypass/Alarms in Bypass	4.7
Supplemental Precip Flyash Blower Discharge Pressure	3.2
Supplemental Precip Flyash Hoppers in Bypass	7
Kaydon System Pressure / Water Mete ıding	6 1 4215
All slag sluice handling equipment for Mk2 has been inspected for proper operation and discrepancies have been reported.	OK
TA-6040 Discharge pressure/Oil temperature	150.2 1 118

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	92					
T24	107					
ST2	35	35	-	1		
RT2	X1- 45	40	-	3	400	-
	X2- 45					
MT2	60	60	+	4.5	1800	

Note: When N2 bottle is 300 psi or lower, notify WFO.

	River Info		
Circulators in operation	2A	2B	Both
Screen house Recirc valve position			%
Forebay Frozen?	YES	NO	
Is there evidence of Deicing water being released to river?	If YES close off on the Screen house Recirc valve until there is no flow.		NO
NOTE: If Deicing is in progress the Traveling screens are to be run in continuous with 1 Circulator in service.			

EOD - EA

Date: 27NOV24 Shift: N Name: ROWELL

Unit 2

Cooling Water Pump Discharge Pressure / Pumps in service	65 12A
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	65 156 70
Cooling Water Heat Exchanger Outlet Temperature North / South	56 160
Cooling Water Heat Exchanger Discharge Pressure North / South	55 160
Air In-leakage @ 2A / 2B Vacuum Pumps	15 115
Seal Water Temp @ 2A and 2B Vacuum Pumps	50 150
2B DA Pump Discharge Pressure	410
2B DA Pump Bearing Lube Oil Pressure	4.5
2A DA Pump Discharge Pressure	450
2A DA Pump Bearing Lube Oil Pressure	3
MBFP/SUBFP Gland Water Pressure	300
Coupling Oil Pump Suction Pressure/Discharge Pressure	10 1170
Coupling Oil Temperature	110
Turbine Oil Temperature	100
Turbine Oil Vapor Extractor Vacuum "H20	3
Condenser Inlet Temperature	40
Condenser Outlet Temperature East / West	4 14
Condenser Inlet Pressure East / West	-4 14
Air Side/Gas Side Seal Oil Temperature	105 195
Hydrogen Dew Point / Hydrogen Purity	-8 2 3 1 100
Hydrogen Gas Pressure / Hydrogen Fan Pressure	59.2 174.5
Flyash Blower Pressure North/South	5 14.4
Precipitator Flyash hoppers in Bypass/Alarms in Bypass	NONE / 37 / 10
Supplemental Precip Flyash Blower Discharge Pressure	3.4
Supplemental Precip Flyash Hoppers in Bypass	NONE
Kaydon System Pressure / Water Meter Reading	0 14210
All slag sluice handling equipment for MK2 has been inspected for proper operation and discrepancies have been reported.	YES
TA-6040 Discharge pressure/Oil temperature	155.4 1118.3

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	56					
T24	No READING					
ST2	35	35	—	0		
RT2	X1- 45	40	—	1	500	
	X2- 45					
MT2	65 60	65	+	3.5	1000	

Note: When N2 bottle is 300 psi or lower, notify WFO.

	River Info		
Circulators in operation	2A	2B	Both
Screen house Recirc valve position		0 %	
Forebay Frozen?	YES	NO	
Is there evidence of Deicing water being released to river?	If YES close off on the Screen house Recirc valve until there is no flow.		NO
NOTE: If Deicing is in progress the Traveling screens are to be run in continuous with 1 Circulator in service.			

EOD - EA

Date: 11-28-24 Shift: D Name: MB

Unit 2

Cooling Water Pump Discharge Pressure / Pumps in service	65 / 2A
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	70 / 70
Cooling Water Heat Exchanger Outlet Temperature North / South	60 / 55
Cooling Water Heat Exchanger Discharge Pressure North / South	55 / 55
Air In-leakage @ 2A / 2B Vacuum Pumps	/
Seal Water Temp @ 2A and 2B Vacuum Pumps	50 / 90
2B DA Pump Discharge Pressure	4
2B DA Pump Bearing Lube Oil Pressure	✓
2A DA Pump Discharge Pressure	3
2A DA Pump Bearing Lube Oil Pressure	✓
MBFP/SUBFP Gland Water Pressure	325
Coupling Oil Pump Suction Pressure/Discharge Pressure	10 / 170
Coupling Oil Temperature	110
Turbine Oil Temperature	90
Turbine Oil Vapor Extractor Vacuum "H20	100
Condenser Inlet Temperature	40
Condenser Outlet Temperature East / West	60 / 50
Condenser Inlet Pressure East / West	4 / 4
Air Side/Gas Side Seal Oil Temperature	100 / 118
Hydrogen Dew Point / Hydrogen Purity	-90.7 / 14.4
Hydrogen Gas Pressure / Hydrogen Fan Pressure 59.3	~~5.3~~ / ~~5.7~~ 14.7
Flyash Blower Pressure North/South	5.3 / 5.7
Precipitator Flyash hoppers in Bypass/Alarms in Bypass	3, 6, 7, 8, 9, 10
Supplemental Precip Flyash Blower Discharge Pressure	4.1
Supplemental Precip Flyash Hoppers in Bypass	—
Kaydon System Pressure / Water Meter Reading	65 14210
All slag sluice handling equipment for MK2 has been inspected for proper operation and discrepancies have been reported.	✓
TA-6040 Discharge pressure/Oil temperature	/

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX						
T24	40					
ST2	50	35	—	1		
RT2	X1- 50	40	25	1	400	—
	X2- 50					
MT2	50	50	25	2	1000	

Note: When N2 bottle is 300 psi or lower, notify WFO.

	River Info		
Circulators in operation	2A	2B	Both
Screen house Recirc valve position		0 %	
Forebay Frozen?	YES	NO	
Is there evidence of Deicing water being released to river?	If YES close off on the Screen house Recirc valve until there is no flow.		NO
NOTE: If Deicing is in progress the Traveling screens are to be run in continuous with 1 Circulator in service.			

EOD - EA

Date: 11-29-24 Shift: N Name: AP

Unit 2

Cooling Water Pump Discharge Pressure / Pumps in service	65 / 2A
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	68 / 69
Cooling Water Heat Exchanger Outlet Temperature North / South	56 / 58
Cooling Water Heat Exchanger Discharge Pressure North / South	55 / 55
Air In-leakage @ 2A / 2B Vacuum Pumps	12 / 12
Seal Water Temp @ 2A and 2B Vacuum Pumps	51 / 51
2B DA Pump Discharge Pressure	450
2B DA Pump Bearing Lube Oil Pressure	2
2A DA Pump Discharge Pressure	410
2A DA Pump Bearing Lube Oil Pressure	4.5
MBFP/SUBFP Gland Water Pressure	250
Coupling Oil Pump Suction Pressure/Discharge Pressure	10 / 168
Coupling Oil Temperature	110
Turbine Oil Temperature	100
Turbine Oil Vapor Extractor Vacuum "H20	2.5
Condenser Inlet Temperature	41
Condenser Outlet Temperature East / West	57 / 51
Condenser Inlet Pressure East / West	4 / 4
Air Side/Gas Side Seal Oil Temperature	104 / 96
Hydrogen Dew Point / Hydrogen Purity	-87.5 / 99.7
Hydrogen Gas Pressure / Hydrogen Fan Pressure	60.4 / 76.4
Flyash Blower Pressure North/South	4.4 / 4.7
Precipitator Flyash hoppers in Bypass/Alarms in Bypass	3, 6, 7, 9, 10
Supplemental Precip Flyash Blower Discharge Pressure	3.5
Supplemental Precip Flyash Hoppers in Bypass	—
Kaydon System Pressure / Water Meter Reading	0 / 14215
All slag sluice handling equipment for MK2 has been inspected for proper operation and discrepancies have been reported.	OK
TA-6040 Discharge pressure/Oil temperature	138.9 / 117

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	55					
T24						
ST2	35	35	-	1		
RT2	X1- 50	40	+	1	400	
	X2- 50					
MT2	100	60	+	3.5	950	

Note: When N2 bottle is 300 psi or lower, notify WFO.

	River Info		
Circulators in operation	2A	2B	Both
Screen house Recirc valve position		0 %	
Forebay Frozen?	YES	NO	
Is there evidence of Deicing water being released to river?	If YES close off on the Screen house Recirc valve until there is no flow.		NO
NOTE: If Deicing is in progress the Traveling screens are to be run in continuous with 1 Circulator in service.			

EOD - EA

Date: 11/29/24 Shift: N Night Name: RZ/

Unit 2

Cooling Water Pump Discharge Pressure / Pumps in service	105 / 2A
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	70 / 70
Cooling Water Heat Exchanger Outlet Temperature North / South	55 / 55
Cooling Water Heat Exchanger Discharge Pressure North / South	70 / 70
Air In-leakage @ 2A / 2B Vacuum Pumps	1
Seal Water Temp @ 2A and 2B Vacuum Pumps	50 / 50
2B DA Pump Discharge Pressure	275
2B DA Pump Bearing Lube Oil Pressure	4.5
2A DA Pump Discharge Pressure	140
2A DA Pump Bearing Lube Oil Pressure	2.5
MBFP/SUBFP Gland Water Pressure	
Coupling Oil Pump Suction Pressure/Discharge Pressure	10 / 170°
Coupling Oil Temperature	~~170°~~ 110°
Turbine Oil Temperature	110
Turbine Oil Vapor Extractor Vacuum "H20	2.5
Condenser Inlet Temperature	
Condenser Outlet Temperature East / West	-10 / -10
Condenser Inlet Pressure East / West	4 / 4
Air Side/Gas Side Seal Oil Temperature	105°F 110°F
Hydrogen Dew Point / Hydrogen Purity	-79.9 99.8
Hydrogen Gas Pressure / Hydrogen Fan Pressure	59.6 74.8
Flyash Blower Pressure North/South	4.5 / 4.5
Precipitator Flyash hoppers in Bypass/Alarms in Bypass	
Supplemental Precip Flyash Blower Discharge Pressure	
Supplemental Precip Flyash Hoppers in Bypass	
Kaydon System Pressure / Water Meter Reading	0 / 4215.2
All slag sluice handling equipment for MK2 has been inspected for proper operation and discrepancies have been reported.	
TA-6040 Discharge pressure/Oil temperature	138.41 117

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	056					
T24	80					
ST2	35	30	—	0		
RT2	X1- 45	40	25	1	400	0
	X2- 45					
MT2	65	60	005	3	100	

Note: When N2 bottle is 300 psi or lower, notify WFO.

	River Info		
Circulators in operation	2A	2B	Both
Screen house Recirc valve position		%	
Forebay Frozen?	YES	NO	
Is there evidence of Deicing water being released to river?	If YES close off on the Screen house Recirc valve until there is no flow.		NO
NOTE: If Deicing is in progress the Traveling screens are to be run in continuous with 1 Circulator in service.			

EOD - EA

Date: 11-30-24 Shift: N Name: MB

Unit 2

Cooling Water Pump Discharge Pressure / Pumps in service	65 12A
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	70 / 65
Cooling Water Heat Exchanger Outlet Temperature North / South	60 / 55
Cooling Water Heat Exchanger Discharge Pressure North / South	55 / 55
Air In-leakage @ 2A / 2B Vacuum Pumps	/
Seal Water Temp @ 2A and 2B Vacuum Pumps	50 / 50
2B DA Pump Discharge Pressure	4.5
2B DA Pump Bearing Lube Oil Pressure	✓
2A DA Pump Discharge Pressure	2
2A DA Pump Bearing Lube Oil Pressure	✓
MBFP/SUBFP Gland Water Pressure	250
Coupling Oil Pump Suction Pressure/Discharge Pressure	10 / 170
Coupling Oil Temperature	110
Turbine Oil Temperature	100
Turbine Oil Vapor Extractor Vacuum "H20	
Condenser Inlet Temperature	40
Condenser Outlet Temperature East / West	55 / 50
Condenser Inlet Pressure East / West	4 3 / 4
Air Side/Gas Side Seal Oil Temperature	100 / 100
Hydrogen Dew Point / Hydrogen Purity	-61.8 / 99.6
Hydrogen Gas Pressure / Hydrogen Fan Pressure	60.6 / 11.2
Flyash Blower Pressure North/South 4.8	~~100~~ / ~~100~~ 4.9
Precipitator Flyash hoppers in Bypass/Alarms in Bypass	3,4,5,6,7
Supplemental Precip Flyash Blower Discharge Pressure	4.1
Supplemental Precip Flyash Hoppers in Bypass	—
Kaydon System Pressure / Water Meter Reading	<5 / 14210
All slag sluice handling equipment for MK2 has been inspected for proper operation and discrepancies have been reported.	✓
TA-6040 Discharge pressure/Oil temperature	141 / 117

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX						
T24						
ST2						
RT2	X1-					
	X2-					
MT2						

Note: When N2 bottle is 300 psi or lower, notify WFO.

	River Info		
Circulators in operation	2A	2B	(Both)
Screen house Recirc valve position		0 %	
Forebay Frozen?	YES	NO	
Is there evidence of Deicing water being released to river?	If YES close off on the Screen house Recirc valve until there is no flow.		NO
NOTE: If Deicing is in progress the Traveling screens are to be run in continuous with 1 Circulator in service.			

EOD - EA

Date: 12-24 Shift: _____ Name: _____

Unit 2

Cooling Water Pump Discharge Pressure / Pumps in service	1
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	68 / 68
Cooling Water Heat Exchanger Outlet Temperature North / South	56 / 56
Cooling Water Heat Exchanger Discharge Pressure North / South	55 / 60
Air In-leakage @ 2A / 2B Vacuum Pumps	10 / 10
Seal Water Temp @ 2A and 2B Vacuum Pumps	50 / 50
2B DA Pump Discharge Pressure	400
2B DA Pump Bearing Lube Oil Pressure	4.5
2A DA Pump Discharge Pressure	450
2A DA Pump Bearing Lube Oil Pressure	3
MBFP/SUBFP Gland Water Pressure	250
Coupling Oil Pump Suction Pressure/Discharge Pressure	10 / 166
Coupling Oil Temperature	110
Turbine Oil Temperature	105
Turbine Oil Vapor Extractor Vacuum "H20	2.2
Condenser Inlet Temperature	45
Condenser Outlet Temperature East / West	55 / 55
Condenser Inlet Pressure East / West	3.5 / 3.5
Air Side/Gas Side Seal Oil Temperature	100 / 98
Hydrogen Dew Point / Hydrogen Purity	-89 / 99
Hydrogen Gas Pressure / Hydrogen Fan Pressure	60.8 / 77.9
Flyash Blower Pressure North/South	4.2 / 5.0
Precipitator Flyash hoppers in Bypass/Alarms in Bypass	—
Supplemental Precip Flyash Blower Discharge Pressure	4.5
Supplemental Precip Flyash Hoppers in Bypass	—
Kaydon System Pressure / Water Meter Reading	2 / 423
All slag sluice handling equipment for MK2 has been inspected for proper operation and discrepancies have been reported.	
TA-6040 Discharge pressure/Oil temperature	142.7 / 117

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	51					
T24						
ST2	35	35	—	0		
RT2	X1- 42	38	—	1	300	
	X2- 42					
MT2	65	60	+	3	900	

Note: When N2 bottle is 300 psi or lower, notify WFO.

	River Info		
Circulators in operation	2A	2B	Both
Screen house Recirc valve position			0 %
Forebay Frozen?	YES	NO	
Is there evidence of Deicing water being released to river?	If YES close off on the Screen house Recirc valve until there is no flow.		NO
NOTE: If Deicing is in progress the Traveling screens are to be run in continuous with 1 Circulator in service.			

EOD - EA

Date: 12-3-24 Shift: _____ Name: _____

Unit 2

Cooling Water Pump Discharge Pressure / Pumps in service	45 / 2A
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	70 / 70
Cooling Water Heat Exchanger Outlet Temperature North / South	55 / 55
Cooling Water Heat Exchanger Discharge Pressure North / South	55 / 50
Air In-leakage @ 2A / 2B Vacuum Pumps	7 / 6
Seal Water Temp @ 2A and 2B Vacuum Pumps	65 / 2A
2B DA Pump Discharge Pressure	425
2B DA Pump Bearing Lube Oil Pressure	4.5
2A DA Pump Discharge Pressure	125
2A DA Pump Bearing Lube Oil Pressure	3
MBFP/SUBFP Gland Water Pressure	35
Coupling Oil Pump Suction Pressure/Discharge Pressure	10 / 168
Coupling Oil Temperature	110°F
Turbine Oil Temperature	100°F
Turbine Oil Vapor Extractor Vacuum "H20	2.5
Condenser Inlet Temperature	58°F
Condenser Outlet Temperature East / West	/
Condenser Inlet Pressure East / West	50 / 50
Air Side/Gas Side Seal Oil Temperature	102°F / 98
Hydrogen Dew Point / Hydrogen Purity	-67.5 / 99.4
Hydrogen Gas Pressure / Hydrogen Fan Pressure	60.4 / 77.6
Flyash Blower Pressure North/South	04.91 / 05.8
Precipitator Flyash hoppers in Bypass/Alarms in Bypass	
Supplemental Precip Flyash Blower Discharge Pressure	06.8 - 04.8
Supplemental Precip Flyash Hoppers in Bypass	
Kaydon System Pressure / Water Meter Reading	@ 14276.5
All slag sluice handling equipment for MK2 has been inspected for proper operation and discrepancies have been reported.	Y
TA-6040 Discharge pressure/Oil temperature	154.11 / 06

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	0.57					
T24	50					
ST2	40	40	25	1		
RT2	X1- 50	40	25	1	300	0
	X2- 50					
MT2	50	60	30	3	1000	

Note: When N2 bottle is 300 psi or lower, notify WFO.

	River Info		
Circulators in operation	2A	2B	Both
Screen house Recirc valve position		20 %	
Forebay Frozen?	YES	NO	
Is there evidence of Deicing water being released to river?	If YES close off on the Screen house Recirc valve until there is no flow.		NO
NOTE: If Deicing is in progress the Traveling screens are to be run in continuous with 1 Circulator in service.			

EOD - EA

Date: 12/3/24 Shift: N Name: Peters

Unit 2

Cooling Water Pump Discharge Pressure / Pumps in service	2A / 64
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	70 / 70
Cooling Water Heat Exchanger Outlet Temperature North / South	60 / 57
Cooling Water Heat Exchanger Discharge Pressure North / South	58 / 60
Air In-leakage @ 2A / 2B Vacuum Pumps	+
Seal Water Temp @ 2A and 2B Vacuum Pumps	50 / 50
2B DA Pump Discharge Pressure	425
2B DA Pump Bearing Lube Oil Pressure	4.5
2A DA Pump Discharge Pressure	420
2A DA Pump Bearing Lube Oil Pressure	2.5
MBFP/SUBFP Gland Water Pressure	240
Coupling Oil Pump Suction Pressure/Discharge Pressure	10 / 170
Coupling Oil Temperature	90
Turbine Oil Temperature	108
Turbine Oil Vapor Extractor Vacuum "H20	2
Condenser Inlet Temperature	38
Condenser Outlet Temperature East / West	52 / 52
Condenser Inlet Pressure East / West	4 / 4
Air Side/Gas Side Seal Oil Temperature	105 / 100
Hydrogen Dew Point / Hydrogen Purity	59/3 / 99
Hydrogen Gas Pressure / Hydrogen Fan Pressure	61 / 78.7
Flyash Blower Pressure North/South	5.1 / 13.6
Precipitator Flyash hoppers in Bypass/Alarms in Bypass	3,4,5,6,7
Supplemental Precip Flyash Blower Discharge Pressure	6.8
Supplemental Precip Flyash Hoppers in Bypass	0
Kaydon System Pressure / Water Meter Reading	0 / 14230
All slag sluice handling equipment for MK2 has been inspected for proper operation and discrepancies have been reported.	
TA-6040 Discharge pressure/Oil temperature	/

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX						
T24	085					
ST2	40	38	-2.5	9		
RT2	X1- 50	40	2.5		250	
	X2- 50					
MT2	60	60	25	2	1100	

Note: When N2 bottle is 300 psi or lower, notify WFO.

	River Info		
Circulators in operation	(2A)	(2B)	Both
Screen house Recirc valve position			% 0
Forebay Frozen?	YES	(NO)	
Is there evidence of Deicing water being released to river?	If YES close off on the Screen house Recirc valve until there is no flow.		NO
NOTE: If Deicing is in progress the Traveling screens are to be run in continuous with 1 Circulator in service.			

EOD - EA

Date: 12/5/24 Shift: D Name: _____

Unit 2

Cooling Water Pump Discharge Pressure / Pumps in service	65 / 2A
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	64 / 64
Cooling Water Heat Exchanger Outlet Temperature North / South	55 / 58
Cooling Water Heat Exchanger Discharge Pressure North / South	58 / 54
Air In-leakage @ 2A / 2B Vacuum Pumps	7 / 6
Seal Water Temp @ 2A and 2B Vacuum Pumps	50 / 50
2B DA Pump Discharge Pressure	410
2B DA Pump Bearing Lube Oil Pressure	4.5
2A DA Pump Discharge Pressure	120
2A DA Pump Bearing Lube Oil Pressure	2
MBFP/SUBFP Gland Water Pressure	30
Coupling Oil Pump Suction Pressure/Discharge Pressure	10 / 165
Coupling Oil Temperature	110°F
Turbine Oil Temperature	107°F
Turbine Oil Vapor Extractor Vacuum "H20	2
Condenser Inlet Temperature	66°F
Condenser Outlet Temperature East / West	40°A 52°F
Condenser Inlet Pressure East / West	58 / 52
Air Side/Gas Side Seal Oil Temperature	102 / 108
Hydrogen Dew Point / Hydrogen Purity	-56.6°A 99.2
Hydrogen Gas Pressure / Hydrogen Fan Pressure	60.11 78.5
Flyash Blower Pressure North/South	67 / 64.5
Precipitator Flyash hoppers in Bypass/Alarms in Bypass	NO
Supplemental Precip Flyash Blower Discharge Pressure	05.1
Supplemental Precip Flyash Hoppers in Bypass	NO
Kaydon System Pressure / Water Meter Reading	0 / 4736.5
All slag sluice handling equipment for MK2 has been inspected for proper operation and discrepancies have been reported.	Y
TA-6040 Discharge pressure/Oil temperature	1.8 / 95°F

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	0.59					
T24	80					
ST2	40	40	NG	1		
RT2	X1- 42	39	25°	1	300	0
	X2- 42					
MT2	50	75	27	2	1	

Note: When N2 bottle is 300 psi or lower, notify WFO.

	River Info		
Circulators in operation	2A	2B	Both
Screen house Recirc valve position		0 %	
Forebay Frozen?	YES	NO	
Is there evidence of Deicing water being released to river?	If YES close off on the Screen house Recirc valve until there is no flow.		NO
NOTE: If Deicing is in progress the Traveling screens are to be run in continuous with 1 Circulator in service.			

EOD - EA

Date: 12-5-24 Shift: N Name: MB

Unit 2

Cooling Water Pump Discharge Pressure / Pumps in service	65 12A
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	65 / 65
Cooling Water Heat Exchanger Outlet Temperature North / South	55 / 52
Cooling Water Heat Exchanger Discharge Pressure North / South	55 / 55
Air In-leakage @ 2A / 2B Vacuum Pumps	~~50 / 50~~
Seal Water Temp @ 2A and 2B Vacuum Pumps	50 / 50
2B DA Pump Discharge Pressure	4.5
2B DA Pump Bearing Lube Oil Pressure	✓
2A DA Pump Discharge Pressure	3
2A DA Pump Bearing Lube Oil Pressure	✓
MBFP/SUBFP Gland Water Pressure	
Coupling Oil Pump Suction Pressure/Discharge Pressure	10 / 160
Coupling Oil Temperature	110
Turbine Oil Temperature	110
Turbine Oil Vapor Extractor Vacuum "H20	
Condenser Inlet Temperature	40
Condenser Outlet Temperature East / West	60 / 50
Condenser Inlet Pressure East / West	4 / 4
Air Side/Gas Side Seal Oil Temperature	100 / 110
Hydrogen Dew Point / Hydrogen Purity	-70.7 / 99.1
Hydrogen Gas Pressure / Hydrogen Fan Pressure	60.3 / 79.5
Flyash Blower Pressure North/South	4.5 / 6.1
Precipitator Flyash hoppers in Bypass/Alarms in Bypass	3, [redacted], [redacted], 6, 7, 8, 9, 10
Supplemental Precip Flyash Blower Discharge Pressure	7.6
Supplemental Precip Flyash Hoppers in Bypass	
Kaydon System Pressure / Water Meter Reading	<514230
All slag sluice handling equipment for MK2 has been inspected for proper operation and discrepancies have been reported.	✓
TA-6040 Discharge pressure/Oil temperature	—

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX						
* T24						
ST2	40	30	25-	2		
RT2	X1- 50	40	25	2	300	—
	X2- 50					
MT2	70	70	25+	4	1000	

Note: When N2 bottle is 300 psi or lower, notify WFO.

	River Info		
Circulators in operation	2A	2B	(Both)
Screen house Recirc valve position		0 %	
Forebay Frozen?	YES	(NO)	
Is there evidence of Deicing water being released to river?	If YES close off on the Screen house Recirc valve until there is no flow.		NO

NOTE: If Deicing is in progress the Traveling screens are to be run in continuous with 1 Circulator in service.

PSM-6964.441 SCR-2281 SBAC-87752

EOD - EA

Date: 12/1/24 Shift: D Name: PETTAS

Unit 2

Cooling Water Pump Discharge Pressure / Pumps in service	A / B
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	68 / 70
Cooling Water Heat Exchanger Outlet Temperature North / South	57 / 56
Cooling Water Heat Exchanger Discharge Pressure North / South	50 / 56
Air In-leakage @ 2A / 2B Vacuum Pumps	- / -
Seal Water Temp @ 2A and 2B Vacuum Pumps	50 / 60
2B DA Pump Discharge Pressure	465
2B DA Pump Bearing Lube Oil Pressure	4.5
2A DA Pump Discharge Pressure	4450
2A DA Pump Bearing Lube Oil Pressure	2.5
MBFP/SUBFP Gland Water Pressure	235
Coupling Oil Pump Suction Pressure/Discharge Pressure	10 / 170
Coupling Oil Temperature	110
Turbine Oil Temperature	108
Turbine Oil Vapor Extractor Vacuum "H20	3
Condenser Inlet Temperature	40
Condenser Outlet Temperature East / West	56 / 52
Condenser Inlet Pressure East / West	4.5 / 4-5
Air Side/Gas Side Seal Oil Temperature	105 / 110
Hydrogen Dew Point / Hydrogen Purity	68.7 / 99.1
Hydrogen Gas Pressure / Hydrogen Fan Pressure	59.1 / 79.9
Flyash Blower Pressure North/South	6.5 / 5.4
Precipitator Flyash hoppers in Bypass/Alarms in Bypass	3,4,5,6,7
Supplemental Precip Flyash Blower Discharge Pressure	6.0
Supplemental Precip Flyash Hoppers in Bypass	0
Kaydon System Pressure / Water Meter Reading	0 / 4230
All slag sluice handling equipment for MK2 has been inspected for proper operation and discrepancies have been reported.	✓
TA-6040 Discharge pressure/Oil temperature	off / off

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	56					
T24	055					
ST2	46	38	-	0		
RT2	X1- 41	36	-	1	300	
	X2- 41					
MT2	20	60	+	-3	1000	

Note: When N2 bottle is 300 psi or lower, notify WFO.

	River Info		
Circulators in operation	(2A)	(2B)	Both
Screen house Recirc valve position		%	0
Forebay Frozen?	YES	(NO)	
Is there evidence of Deicing water being released to river?	If YES close off on the Screen house Recirc valve until there is no flow.		NO
NOTE: If Deicing is in progress the Traveling screens are to be run in continuous with 1 Circulator in service.			

TANK 2

EOD - EA

Date: 12-6-24 Shift: N Name: AP

Unit 2

Cooling Water Pump Discharge Pressure / Pumps in service	65 / 2A
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	68 / 69
Cooling Water Heat Exchanger Outlet Temperature North / South	55 / 58
Cooling Water Heat Exchanger Discharge Pressure North / South	55 / 55
Air In-leakage @ 2A / 2B Vacuum Pumps	8 / 7
Seal Water Temp @ 2A and 2B Vacuum Pumps	50 / 50
2B DA Pump Discharge Pressure	375
2B DA Pump Bearing Lube Oil Pressure	4.5
2A DA Pump Discharge Pressure	425
2A DA Pump Bearing Lube Oil Pressure	2
MBFP/SUBFP Gland Water Pressure	250
Coupling Oil Pump Suction Pressure/Discharge Pressure	10 / 170
Coupling Oil Temperature	110
Turbine Oil Temperature	100
Turbine Oil Vapor Extractor Vacuum "H20	2.1
Condenser Inlet Temperature	35
Condenser Outlet Temperature East / West	56 / 52
Condenser Inlet Pressure East / West	4 / 4
Air Side/Gas Side Seal Oil Temperature	102 / 105
Hydrogen Dew Point / Hydrogen Purity	-54.1 / 99.1
Hydrogen Gas Pressure / Hydrogen Fan Pressure	59.6 / 80.2
Flyash Blower Pressure North/South	4.5 / 4.4
Precipitator Flyash hoppers in Bypass/Alarms in Bypass	3.6.7.9.10
Supplemental Precip Flyash Blower Discharge Pressure	7.5
Supplemental Precip Flyash Hoppers in Bypass	—
Kaydon System Pressure / Water Meter Reading	15 / 14236
All slag sluice handling equipment for MK2 has been inspected for proper operation and discrepancies have been reported.	DL
TA-6040 Discharge pressure/Oil temperature	250 / 117

88066 **TRANSFORMERS** 2285 0965

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	56					
T24						
ST2	35	30	—	.5		
RT2	X1- 45	35	—	1	300	
	X2- 45					
MT2	60	50	+	2.5	950	

Note: When N2 bottle is 300 psi or lower, notify WFO.

	River Info		
Circulators in operation	2A	2B	(Both)
Screen house Recirc valve position		0	%
Forebay Frozen?	YES	(NO)	
Is there evidence of Deicing water being released to river?	If YES close off on the Screen house Recirc valve until there is no flow.		(NO)
NOTE: If Deicing is in progress the Traveling screens are to be run in continuous with 1 Circulator in service.			

EOD - EA

Date: 12-7 Shift: D Name: Peterson

Unit 2

Cooling Water Pump Discharge Pressure / Pumps in service	2A / 66
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	36 / 36
Cooling Water Heat Exchanger Outlet Temperature North / South	37 / 37
Cooling Water Heat Exchanger Discharge Pressure North / South	50 / 50
Air In-leakage @ 2A / 2B Vacuum Pumps	- / -
Seal Water Temp @ 2A and 2B Vacuum Pumps	- / -
2B DA Pump Discharge Pressure	-
2B DA Pump Bearing Lube Oil Pressure	3.5
2A DA Pump Discharge Pressure	-
2A DA Pump Bearing Lube Oil Pressure	3
MBFP/SUBFP Gland Water Pressure	-
Coupling Oil Pump Suction Pressure/Discharge Pressure	10 / 120
Coupling Oil Temperature	-
Turbine Oil Temperature	108
Turbine Oil Vapor Extractor Vacuum "H20	2
Condenser Inlet Temperature	
Condenser Outlet Temperature East / West	32 / 33
Condenser Inlet Pressure East / West	1 / 1
Air Side/Gas Side Seal Oil Temperature	20 / 20
Hydrogen Dew Point / Hydrogen Purity	81.5 / 99.1
Hydrogen Gas Pressure / Hydrogen Fan Pressure	45.9 / 1.03
Flyash Blower Pressure North/South	- / -
Precipitator Flyash hoppers in Bypass/Alarms in Bypass	-
Supplemental Precip Flyash Blower Discharge Pressure	-
Supplemental Precip Flyash Hoppers in Bypass	-
Kaydon System Pressure / Water Meter Reading	0 / 4230
All slag sluice handling equipment for MK2 has been inspected for proper operation and discrepancies have been reported.	✓
TA-6040 Discharge pressure/Oil temperature	/

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	48					
T24						
ST2	30	30	-	0		
RT2	X1- 35	35	-	/	300	
	X2- 33					
MT2	45	40	-	1.5	Less	

Note: When N2 bottle is 300 psi or lower, notify WFO.

	River Info		
Circulators in operation	2A	2B	Both
Screen house Recirc valve position			% 0
Forebay Frozen?	YES	NO	
Is there evidence of Deicing water being released to river?	If YES close off on the Screen house Recirc valve until there is no flow.		NO
NOTE: If Deicing is in progress the Traveling screens are to be run in continuous with 1 Circulator in service.			

EOD - EA

Date: 12-7-24 Shift: _____ Name: _____

Unit 2

Cooling Water Pump Discharge Pressure / Pumps in service	A / 64
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	64 / 65
Cooling Water Heat Exchanger Outlet Temperature North / South	56 / 56
Cooling Water Heat Exchanger Discharge Pressure North / South	46 / 50
Air In-leakage @ 2A / 2B Vacuum Pumps	- / -
Seal Water Temp @ 2A and 2B Vacuum Pumps	58 / 50
2B DA Pump Discharge Pressure	450
2B DA Pump Bearing Lube Oil Pressure	4.5
2A DA Pump Discharge Pressure	430
2A DA Pump Bearing Lube Oil Pressure	3
MBFP/SUBFP Gland Water Pressure	240
Coupling Oil Pump Suction Pressure/Discharge Pressure	16 / 168
Coupling Oil Temperature	110
Turbine Oil Temperature	108
Turbine Oil Vapor Extractor Vacuum "H20	2
Condenser Inlet Temperature	
Condenser Outlet Temperature East / West	54 / 53
Condenser Inlet Pressure East / West	36 / 34
Air Side/Gas Side Seal Oil Temperature	105 / 100
Hydrogen Dew Point / Hydrogen Purity	055 / 99.2
Hydrogen Gas Pressure / Hydrogen Fan Pressure	59.5 / 80.0
Flyash Blower Pressure North/South	6.5 / 5.3
Precipitator Flyash hoppers in Bypass/Alarms in Bypass	4567
Supplemental Precip Flyash Blower Discharge Pressure	8.0
Supplemental Precip Flyash Hoppers in Bypass	0
Kaydon System Pressure / Water Meter Reading	0 / 4230
All slag sluice handling equipment for MK2 has been inspected for proper operation and discrepancies have been reported.	✓
TA-6040 Discharge pressure/Oil temperature	- / -

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	51					
T24						
ST2	40	40	-	0		
RT2	X1- 43	32	-	1.5	300	
	X2- 42					
MT2	60	65	+	1.	1000	

Note: When N2 bottle is 300 psi or lower, notify WFO.

	River Info		
Circulators in operation	2A	2B	Both
Screen house Recirc valve position			% 20
Forebay Frozen?	YES	NO	
Is there evidence of Deicing water being released to river?	If YES close off on the Screen house Recirc valve until there is no flow.		NO
NOTE: If Deicing is in progress the Traveling screens are to be run in continuous with 1 Circulator in service.			

EOD - EA

Date: 12-7-24 Shift: N Name: MB

Unit 2

Cooling Water Pump Discharge Pressure / Pumps in service	65 / 2A
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	70 / 70
Cooling Water Heat Exchanger Outlet Temperature North / South	60 / 68
Cooling Water Heat Exchanger Discharge Pressure North / South	55 / 55
Air In-leakage @ 2A / 2B Vacuum Pumps	/
Seal Water Temp @ 2A and 2B Vacuum Pumps	50 / 50
2B DA Pump Discharge Pressure	375 ~~4.5~~ ~~4.5~~
2B DA Pump Bearing Lube Oil Pressure	4.5
2A DA Pump Discharge Pressure	425
2A DA Pump Bearing Lube Oil Pressure	3
MBFP/SUBFP Gland Water Pressure	225
Coupling Oil Pump Suction Pressure/Discharge Pressure	10 / 160
Coupling Oil Temperature	110
Turbine Oil Temperature	110
Turbine Oil Vapor Extractor Vacuum "H20	–
Condenser Inlet Temperature	
Condenser Outlet Temperature East / West	30 ~~40~~ / 40
Condenser Inlet Pressure East / West	4 / 4
Air Side/Gas Side Seal Oil Temperature	100 / 110
Hydrogen Dew Point / Hydrogen Purity	-61 / 99
Hydrogen Gas Pressure / Hydrogen Fan Pressure	58.41 / 19.2
Flyash Blower Pressure North/South	4.2 / 4.2
Precipitator Flyash hoppers in Bypass/Alarms in Bypass	3, 6, 7, 9, 10
Supplemental Precip Flyash Blower Discharge Pressure	4.5
Supplemental Precip Flyash Hoppers in Bypass	–
Kaydon System Pressure / Water Meter Reading	/
All slag sluice handling equipment for MK2 has been inspected for proper operation and discrepancies have been reported.	✓
TA-6040 Discharge pressure/Oil temperature	254 /

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX						
T24						
ST2	40	40	25 -	1		
RT2	X1- 30	30	25 –	2	~~2~~ 300	~~300~~
	X2- 30					
MT2	50	50	25 1	2	1000	

Note: When N2 bottle is 300 psi or lower, notify WFO.

	River Info		
Circulators in operation	2A	2B	(Both)
Screen house Recirc valve position		0 %	
Forebay Frozen?	YES	(NO)	
Is there evidence of Deicing water being released to river?	If YES close off on the Screen house Recirc valve until there is no flow.		NO
NOTE: If Deicing is in progress the Traveling screens are to be run in continuous with 1 Circulator in service.			

PSM - 6967.116 SCR- ~~2291~~ 2291 SBAC - 88479

EOD - EA

Date: 12/8/24 Shift: D Name: _____

Unit 2

Cooling Water Pump Discharge Pressure / Pumps in service	A / 6B
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	36 / 42
Cooling Water Heat Exchanger Outlet Temperature North / South	47 / 36
Cooling Water Heat Exchanger Discharge Pressure North / South	45 / 50
Air In-leakage @ 2A / 2B Vacuum Pumps	- / -
Seal Water Temp @ 2A and 2B Vacuum Pumps	off / off
2B DA Pump Discharge Pressure	-
2B DA Pump Bearing Lube Oil Pressure	4.5
2A DA Pump Discharge Pressure	-
2A DA Pump Bearing Lube Oil Pressure	3.2
MBFP/SUBFP Gland Water Pressure	-
Coupling Oil Pump Suction Pressure/Discharge Pressure	60 / 135
Coupling Oil Temperature	OFF Line
Turbine Oil Temperature	108
Turbine Oil Vapor Extractor Vacuum "H20	2
Condenser Inlet Temperature	36
Condenser Outlet Temperature East / West	32 / 32
Condenser Inlet Pressure East / West	4.5 / 4.5
Air Side/Gas Side Seal Oil Temperature	89 / 89
Hydrogen Dew Point / Hydrogen Purity	78.6 / 99.1
Hydrogen Gas Pressure / Hydrogen Fan Pressure	51.7 / 0.3
Flyash Blower Pressure North/South	4.0 / 3.8
Precipitator Flyash hoppers in Bypass/Alarms in Bypass	4 5 6 7
Supplemental Precip Flyash Blower Discharge Pressure	4.0
Supplemental Precip Flyash Hoppers in Bypass	0
Kaydon System Pressure / Water Meter Reading	0 / 4230
All slag sluice handling equipment for MK2 has been inspected for proper operation and discrepancies have been reported.	✓
TA-6040 Discharge pressure/Oil temperature	/

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	44					
T24	64					
ST2	45	40	-	0		
RT2	X1- 30	35	-	1	300	
	X2- 30					
MT2	50	50	+	1.5	1000	

Note: When N2 bottle is 300 psi or lower, notify WFO.

	River Info		
Circulators in operation	2A	(2B)	Both
Screen house Recirc valve position			% 0
Forebay Frozen?	YES	(NO)	
Is there evidence of Deicing water being released to river?	If YES close off on the Screen house Recirc valve until there is no flow.		NO
NOTE: If Deicing is in progress the Traveling screens are to be run in continuous with 1 Circulator in service.			

EOD - EA

Date: 12-8-24 Shift: N Name: AP

Unit 2

Cooling Water Pump Discharge Pressure / Pumps in service	70 / 2A
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	36 / 36
Cooling Water Heat Exchanger Outlet Temperature North / South	37 / 38
Cooling Water Heat Exchanger Discharge Pressure North / South	60 / 60
Air In-leakage @ 2A / 2B Vacuum Pumps	— / —
Seal Water Temp @ 2A and 2B Vacuum Pumps	— / —
2B DA Pump Discharge Pressure	—
2B DA Pump Bearing Lube Oil Pressure	2
2A DA Pump Discharge Pressure	—
2A DA Pump Bearing Lube Oil Pressure	2
MBFP/SUBFP Gland Water Pressure	—
Coupling Oil Pump Suction Pressure/Discharge Pressure	10 / 125
Coupling Oil Temperature	95
Turbine Oil Temperature	80
Turbine Oil Vapor Extractor Vacuum "H20	2.5
Condenser Inlet Temperature	36
Condenser Outlet Temperature East / West	36 / 36
Condenser Inlet Pressure East / West	3.5 / 4
Air Side/Gas Side Seal Oil Temperature	90 / 85
Hydrogen Dew Point / Hydrogen Purity	-8 / 58 / 99
Hydrogen Gas Pressure / Hydrogen Fan Pressure	49.6 / 0
Flyash Blower Pressure North/South	4.1 / 4.2
Precipitator Flyash hoppers in Bypass/Alarms in Bypass	
Supplemental Precip Flyash Blower Discharge Pressure	3.6
Supplemental Precip Flyash Hoppers in Bypass	—
Kaydon System Pressure / Water Meter Reading	20 / 13236
All slag sluice handling equipment for MK2 has been inspected for proper operation and discrepancies have been reported.	ok
TA-6040 Discharge pressure/Oil temperature	1.8 / 96

88469 **TRANSFORMERS** 2292 6967

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	48					
T24	—					
ST2	7	50	40	+		
RT2	X1- 15	15	—	1	2000	
	X2- 15					
MT2	40	40	+	1.5	950	

Note: When N2 bottle is 300 psi or lower, notify WFO.

	River Info		
Circulators in operation	2A	(2B)	Both
Screen house Recirc valve position		0	%
Forebay Frozen?	YES	(NO)	
Is there evidence of Deicing water being released to river?	If YES close off on the Screen house Recirc valve until there is no flow.		(NO)

NOTE: If Deicing is in progress the Traveling screens are to be run in continuous with 1 Circulator in service.

EOD - EA

Date: 12-19-24 Shift: N Name: AP

Unit 2

Cooling Water Pump Discharge Pressure / Pumps in service	65 / 24
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	70 / 74
Cooling Water Heat Exchanger Outlet Temperature North / South	60 / 68
Cooling Water Heat Exchanger Discharge Pressure North / South	55 / 55
Air In-leakage @ 2A / 2B Vacuum Pumps	17 / 16
Seal Water Temp @ 2A and 2B Vacuum Pumps	66 / 62
2B DA Pump Discharge Pressure	400
2B DA Pump Bearing Lube Oil Pressure	4.5
2A DA Pump Discharge Pressure	450
2A DA Pump Bearing Lube Oil Pressure	2.5
MBFP/SUBFP Gland Water Pressure	300
Coupling Oil Pump Suction Pressure/Discharge Pressure	10 / 165
Coupling Oil Temperature	110
Turbine Oil Temperature	100
Turbine Oil Vapor Extractor Vacuum "H20	3.1
Condenser Inlet Temperature	36
Condenser Outlet Temperature East / West	148
Condenser Inlet Pressure East / West	4.5 / 4.5
Air Side/Gas Side Seal Oil Temperature	115 / 115
Hydrogen Dew Point / Hydrogen Purity	-81.3 / 99.3
Hydrogen Gas Pressure / Hydrogen Fan Pressure	59.8 / 79.6
Flyash Blower Pressure North/South	4.3 / 4.6
Precipitator Flyash hoppers in Bypass/Alarms in Bypass	4, 7, 9, 10
Supplemental Precip Flyash Blower Discharge Pressure	4.7
Supplemental Precip Flyash Hoppers in Bypass	—
Kaydon System Pressure / Water Meter Reading	0 / 14760
All slag sluice handling equipment for MK2 has been inspected for proper operation and discrepancies have been reported.	OK
TA-6040 Discharge pressure/Oil temperature	2531 / 117

88744 TRANSFORMERS 2301 6979

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	55					
T24	—					
ST2	30	35	—	0		
RT2	X1- 45	35	—	1	1650	
	X2- 45					
MT2	60	60	+	3.5	500	

Note: When N2 bottle is 300 psi or lower, notify WFO.

	River Info		
Circulators in operation	2A	2B	Both
Screen house Recirc valve position		0	%
Forebay Frozen?	YES	NO	
Is there evidence of Deicing water being released to river?	If YES close off on the Screen house Recirc valve until there is no flow.		NO
NOTE: If Deicing is in progress the Traveling screens are to be run in continuous with 1 Circulator in service.			

EOD - EA

Date: 2/26/24 Shift: D Name: PETPAS

Unit 2

Cooling Water Pump Discharge Pressure / Pumps in service	B / 57
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	36 / 36
Cooling Water Heat Exchanger Outlet Temperature North / South	35 / 35
Cooling Water Heat Exchanger Discharge Pressure North / South	14 / 14
Air In-leakage @ 2A / 2B Vacuum Pumps	- / -
Seal Water Temp @ 2A and 2B Vacuum Pumps	- / -
2B DA Pump Discharge Pressure	-
2B DA Pump Bearing Lube Oil Pressure	3.2
2A DA Pump Discharge Pressure	-
2A DA Pump Bearing Lube Oil Pressure	4.5
MBFP/SUBFP Gland Water Pressure	150
Coupling Oil Pump Suction Pressure/Discharge Pressure	10 / 150
Coupling Oil Temperature	100
Turbine Oil Temperature	85
Turbine Oil Vapor Extractor Vacuum "H20	2
Condenser Inlet Temperature	38
Condenser Outlet Temperature East / West	36 / 38
Condenser Inlet Pressure East / West	4.5 / 4.5
Air Side/Gas Side Seal Oil Temperature	70 / 65
Hydrogen Dew Point / Hydrogen Purity	-98.2 / 98.4
Hydrogen Gas Pressure / Hydrogen Fan Pressure	53.6 / 0
Flyash Blower Pressure North/South	- / -
Precipitator Flyash hoppers in Bypass/Alarms in Bypass	All
Supplemental Precip Flyash Blower Discharge Pressure	-
Supplemental Precip Flyash Hoppers in Bypass	All
Kaydon System Pressure / Water Meter Reading	/
All slag sluice handling equipment for MK2 has been inspected for proper operation and discrepancies have been reported.	
TA-6040 Discharge pressure/Oil temperature	2 / 107

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	45					
T24	-					
ST2						
RT2	X1- 20	19	-	/	1400	
	X2- 20					
MT2						

Note: When N2 bottle is 300 psi or lower, notify WFO.

	River Info		
Circulators in operation	2A	2B	Both
Screen house Recirc valve position		%	
Forebay Frozen?	YES	NO	
Is there evidence of Deicing water being released to river?	If YES close off on the Screen house Recirc valve until there is no flow.		NO
NOTE: If Deicing is in progress the Traveling screens are to be run in continuous with 1 Circulator in service.			

EOD - EA

Date: 12-20-24 Shift: N Name: PETPAS

Unit 2

Cooling Water Pump Discharge Pressure / Pumps in service	A / 64
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	75 / 75
Cooling Water Heat Exchanger Outlet Temperature North / South	60 / 70
Cooling Water Heat Exchanger Discharge Pressure North / South	55 / 52
Air In-leakage @ 2A / 2B Vacuum Pumps	055 / 055
Seal Water Temp @ 2A and 2B Vacuum Pumps	56 / 55
2B DA Pump Discharge Pressure	375
2B DA Pump Bearing Lube Oil Pressure	4.5
2A DA Pump Discharge Pressure	425
2A DA Pump Bearing Lube Oil Pressure	2.5
MBFP/SUBFP Gland Water Pressure	275
Coupling Oil Pump Suction Pressure/Discharge Pressure	10 / 120
Coupling Oil Temperature	110
Turbine Oil Temperature	105
Turbine Oil Vapor Extractor Vacuum "H20	3.5
Condenser Inlet Temperature	38
Condenser Outlet Temperature East / West	52 / 50
Condenser Inlet Pressure East / West	10 / 11
Air Side/Gas Side Seal Oil Temperature	110 / 115
Hydrogen Dew Point / Hydrogen Purity	-101 / 99.3
Hydrogen Gas Pressure / Hydrogen Fan Pressure	81 / 60.8
Flyash Blower Pressure North/South	2.8 / 3.2
Precipitator Flyash hoppers in Bypass/Alarms in Bypass	4, 5, 17
Supplemental Precip Flyash Blower Discharge Pressure	6
Supplemental Precip Flyash Hoppers in Bypass	0
Kaydon System Pressure / Water Meter Reading	0 / 14260
All slag sluice handling equipment for MK2 has been inspected for proper operation and discrepancies have been reported.	✓
TA-6040 Discharge pressure/Oil temperature	/

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	55					
T24	64					
ST2	35	35	-	0		
RT2	X1- 45	38	-	1	1600	
	X2- 45					
MT2	60	60	25	3.5	500	

Note: When N2 bottle is 300 psi or lower, notify WFO.

	River Info		
Circulators in operation	2A	2B	Both
Screen house Recirc valve position			% 0
Forebay Frozen?	YES	NO	
Is there evidence of Deicing water being released to river?	If YES close off on the Screen house Recirc valve until there is no flow.		NO
NOTE: If Deicing is in progress the Traveling screens are to be run in continuous with 1 Circulator in service.			

EOD - EA

Date: 12-20-24 Shift: _____ Name: _____

Unit 2

Cooling Water Pump Discharge Pressure / Pumps in service	65 / 2A
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	75 / 175
Cooling Water Heat Exchanger Outlet Temperature North / South	60 / 170
Cooling Water Heat Exchanger Discharge Pressure North / South	55 / 155
Air In-leakage @ 2A / 2B Vacuum Pumps	15 / 115
Seal Water Temp @ 2A and 2B Vacuum Pumps	58 / 155
2B DA Pump Discharge Pressure	375
2B DA Pump Bearing Lube Oil Pressure	4
2A DA Pump Discharge Pressure	425
2A DA Pump Bearing Lube Oil Pressure	OKAY 2.5
MBFP/SUBFP Gland Water Pressure	275
Coupling Oil Pump Suction Pressure/Discharge Pressure	10 / 160
Coupling Oil Temperature	110
Turbine Oil Temperature	105
Turbine Oil Vapor Extractor Vacuum "H20	3 1/2"
Condenser Inlet Temperature	35
Condenser Outlet Temperature East / West	52 / 150
Condenser Inlet Pressure East / West	5 / 15
Air Side/Gas Side Seal Oil Temperature	110 / 110
Hydrogen Dew Point / Hydrogen Purity	-101 / 199.3
Hydrogen Gas Pressure / Hydrogen Fan Pressure	59.7 / 179.6
Flyash Blower Pressure North/South	/
Precipitator Flyash hoppers in Bypass/Alarms in Bypass	
Supplemental Precip Flyash Blower Discharge Pressure	
Supplemental Precip Flyash Hoppers in Bypass	
Kaydon System Pressure / Water Meter Reading	0 / 14260
All slag sluice handling equipment for MK2 has been inspected for proper operation and discrepancies have been reported.	✓
TA-6040 Discharge pressure/Oil temperature	/

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	55					
T24						
ST2	35	39	—	0		
RT2	X1- 45	38	—	1	1600	
	X2- 45					
MT2	60	60	+	3 1/2	500	

Note: When N2 bottle is 300 psi or lower, notify WFO.

	River Info		
Circulators in operation	2A	2B	Both
Screen house Recirc valve position		0 %	
Forebay Frozen?	YES	NO	
Is there evidence of Deicing water being released to river?	If YES close off on the Screen house Recirc valve until there is no flow.		NO
NOTE: If Deicing is in progress the Traveling screens are to be run in continuous with 1 Circulator in service.			

EOD - EA

Date: 12/21/24 Shift: DAY Name: Perlita Chavez

Unit 2

Cooling Water Pump Discharge Pressure / Pumps in service	65 / 2A
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	74 / 72
Cooling Water Heat Exchanger Outlet Temperature North / South	60 / 70
Cooling Water Heat Exchanger Discharge Pressure North / South	60 / 55
Air In-leakage @ 2A / 2B Vacuum Pumps	12 / 15
Seal Water Temp @ 2A and 2B Vacuum Pumps	56 / 56
2B DA Pump Discharge Pressure	475
2B DA Pump Bearing Lube Oil Pressure	4.5
2A DA Pump Discharge Pressure	120
2A DA Pump Bearing Lube Oil Pressure	2.5
MBFP/SUBFP Gland Water Pressure	260
Coupling Oil Pump Suction Pressure/Discharge Pressure	10 / 169
Coupling Oil Temperature	110
Turbine Oil Temperature	105
Turbine Oil Vapor Extractor Vacuum "H20	3.0
Condenser Inlet Temperature	38
Condenser Outlet Temperature East / West	54 / 52
Condenser Inlet Pressure East / West	5 / 5
Air Side/Gas Side Seal Oil Temperature	110 / 110
Hydrogen Dew Point / Hydrogen Purity	-67.21 99.2
Hydrogen Gas Pressure / Hydrogen Fan Pressure	61.41 / 82.0
Flyash Blower Pressure North/South	0.41 / 5.0
Precipitator Flyash hoppers in Bypass/Alarms in Bypass	NO
Supplemental Precip Flyash Blower Discharge Pressure	4.1
Supplemental Precip Flyash Hoppers in Bypass	NO
Kaydon System Pressure / Water Meter Reading	0 1428.1
All slag sluice handling equipment for MK2 has been inspected for proper operation and discrepancies have been reported.	YES
TA-6040 Discharge pressure/Oil temperature	253 / 117

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	054					
T24	8.0					
ST2	33	55	725	0		
RT2	X1- 42	38	25	1	1700	0
	X2- 42					
MT2	65	45	25	3.5	550	

Note: When N2 bottle is 300 psi or lower, notify WFO.

	River Info		
Circulators in operation	2A	2B	Both
Screen house Recirc valve position		0 %	
Forebay Frozen?	YES	NO	
Is there evidence of Deicing water being released to river?	If YES close off on the Screen house Recirc valve until there is no flow.		NO
NOTE: If Deicing is in progress the Traveling screens are to be run in continuous with 1 Circulator in service.			

EOD - EA

Date: 22DEC24 Shift: D Name: ROWELL

Unit 2

Cooling Water Pump Discharge Pressure / Pumps in service	60 12A
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	80 180
Cooling Water Heat Exchanger Outlet Temperature North / South	80 180
Cooling Water Heat Exchanger Discharge Pressure North / South	55 155
Air In-leakage @ 2A / 2B Vacuum Pumps	15 19
Seal Water Temp @ 2A and 2B Vacuum Pumps	60 145
2B DA Pump Discharge Pressure	400
2B DA Pump Bearing Lube Oil Pressure	4
2A DA Pump Discharge Pressure	400
2A DA Pump Bearing Lube Oil Pressure	2.5
MBFP/SUBFP Gland Water Pressure	275
Coupling Oil Pump Suction Pressure/Discharge Pressure	10 150
Coupling Oil Temperature	115
Turbine Oil Temperature	110
Turbine Oil Vapor Extractor Vacuum "H20	3
Condenser Inlet Temperature	40
Condenser Outlet Temperature East / West	80 180
Condenser Inlet Pressure East / West	3 13
Air Side/Gas Side Seal Oil Temperature	112 112
Hydrogen Dew Point / Hydrogen Purity	-17 99.6
Hydrogen Gas Pressure / Hydrogen Fan Pressure	62 84.3
Flyash Blower Pressure North/South	5 14.5
Precipitator Flyash hoppers in Bypass/Alarms in Bypass	3,4,5,7,10
Supplemental Precip Flyash Blower Discharge Pressure	4.2
Supplemental Precip Flyash Hoppers in Bypass	0
Kaydon System Pressure / Water Meter Reading	1
All slag sluice handling equipment for MK2 has been inspected for proper operation and discrepancies have been reported.	✓
TA-6040 Discharge pressure/Oil temperature	258 116
#4 SUPPLEMENTAL IN ALARM	

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	48					
T24	NO READING					
ST2	35	35	—	-1		
RT2	X1- 40	30	—	-1	1500	
	X2- 40					
MT2	60	70	+	7	560	

Note: When N2 bottle is 300 psi or lower, notify WFO.

	River Info		
Circulators in operation	2A	(2B)	Both
Screen house Recirc valve position		35 %	
Forebay Frozen?	YES	NO	
Is there evidence of Deicing water being released to river?	If YES close off on the Screen house Recirc valve until there is no flow.		(NO)
NOTE: If Deicing is in progress the Traveling screens are to be run in continuous with 1 Circulator in service.			

EOD - EA

Date: 12-23-24 Shift: D Name: AP

Unit 2

Cooling Water Pump Discharge Pressure / Pumps in service	2A / 62
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	76 / 77
Cooling Water Heat Exchanger Outlet Temperature North / South	66 / 68
Cooling Water Heat Exchanger Discharge Pressure North / South	50 / 55
Air In-leakage @ 2A / 2B Vacuum Pumps	12 / 5
Seal Water Temp @ 2A and 2B Vacuum Pumps	55 / 58
2B DA Pump Discharge Pressure	350
2B DA Pump Bearing Lube Oil Pressure	4.5
2A DA Pump Discharge Pressure	375
2A DA Pump Bearing Lube Oil Pressure	2.5
MBFP/SUBFP Gland Water Pressure	250
Coupling Oil Pump Suction Pressure/Discharge Pressure	10 / 170
Coupling Oil Temperature	110
Turbine Oil Temperature	110
Turbine Oil Vapor Extractor Vacuum "H20	3
Condenser Inlet Temperature	42
Condenser Outlet Temperature East / West	91 / 93
Condenser Inlet Pressure East / West	3.5 / 3.5
Air Side/Gas Side Seal Oil Temperature	105 / 105
Hydrogen Dew Point / Hydrogen Purity	-109 / 98.9
Hydrogen Gas Pressure / Hydrogen Fan Pressure	59.9 / 82.8
Flyash Blower Pressure North/South	4.4 / 4.6
Precipitator Flyash hoppers in Bypass/Alarms in Bypass	3, 7, 9, 10
Supplemental Precip Flyash Blower Discharge Pressure	3.2
Supplemental Precip Flyash Hoppers in Bypass	—
Kaydon System Pressure / Water Meter Reading	0 / 4285
All slag sluice handling equipment for MK2 has been inspected for proper operation and discrepancies have been reported.	ok
TA-6040 Discharge pressure/Oil temperature	254 / 115

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	45					
T24	—					
ST2	35	30	—	0		
RT2	X1- 40	35	—	1	1500	
	X2- 40					
MT2	65	60	1	3	500	

Note: When N2 bottle is 300 psi or lower, notify WFO.

	River Info		
Circulators in operation	2A	(2B)	Both
Screen house Recirc valve position		30 %	
Forebay Frozen?	YES	(NO)	
Is there evidence of Deicing water being released to river?	If YES close off on the Screen house Recirc valve until there is no flow.		(NO)

NOTE: If Deicing is in progress the Traveling screens are to be run in continuous with 1 Circulator in service.

EOD - EA

Date: 12/23/24 **Shift:** Night **Name:** 12/23/24 Perl chevez

Unit 2

Cooling Water Pump Discharge Pressure / Pumps in service	64 / 2A
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	76 / 78
Cooling Water Heat Exchanger Outlet Temperature North / South	65 / 68
Cooling Water Heat Exchanger Discharge Pressure North / South	55 / 52
Air In-leakage @ 2A / 2B Vacuum Pumps	14 / 3
Seal Water Temp @ 2A and 2B Vacuum Pumps	~~50~~ / 60
2B DA Pump Discharge Pressure	480
2B DA Pump Bearing Lube Oil Pressure	4.5
2A DA Pump Discharge Pressure	110
2A DA Pump Bearing Lube Oil Pressure	7
MBFP/SUBFP Gland Water Pressure	250
Coupling Oil Pump Suction Pressure/Discharge Pressure	11 / 170
Coupling Oil Temperature	110
Turbine Oil Temperature	110
Turbine Oil Vapor Extractor Vacuum "H20	2.9
Condenser Inlet Temperature	40
Condenser Outlet Temperature East / West	84 / 88
Condenser Inlet Pressure East / West	4 / 4
Air Side/Gas Side Seal Oil Temperature	108 / 110
Hydrogen Dew Point / Hydrogen Purity	-92.8 98.9
Hydrogen Gas Pressure / Hydrogen Fan Pressure	60 / 83.2
Flyash Blower Pressure North/South	5.6 / 5.1
Precipitator Flyash hoppers in Bypass/Alarms in Bypass	NO
Supplemental Precip Flyash Blower Discharge Pressure	5.7
Supplemental Precip Flyash Hoppers in Bypass	NO
Kaydon System Pressure / Water Meter Reading	0 / 428.1
All slag sluice handling equipment for MK2 has been inspected for proper operation and discrepancies have been reported.	Yes
TA-6040 Discharge pressure/Oil temperature	244.11 115
	244.1 / 115

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	51					
T24	80					
ST2	46	34	26	0		
RT2	X1- 42	38	25	2	1600	0
	X2- 43					
MT2	60	43	27	3	300	

Note: When N2 bottle is 300 psi or lower, notify WFO.

	River Info		
Circulators in operation	2A	2B	Both
Screen house Recirc valve position		25 %	
Forebay Frozen?	YES	NO	
Is there evidence of Deicing water being released to river?	If YES close off on the Screen house Recirc valve until there is no flow.		NO
NOTE: If Deicing is in progress the Traveling screens are to be run in continuous with 1 Circulator in service.			

EOD - EA

Date: 12-24-04 Shift: D Name: MB

Unit 2

Cooling Water Pump Discharge Pressure / Pumps in service	65 1,2A
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	72 / 72
Cooling Water Heat Exchanger Outlet Temperature North / South	62 / 62
Cooling Water Heat Exchanger Discharge Pressure North / South	55 / 55
Air In-leakage @ 2A / 2B Vacuum Pumps	/
Seal Water Temp @ 2A and 2B Vacuum Pumps	55 / 55
2B DA Pump Discharge Pressure	350
2B DA Pump Bearing Lube Oil Pressure	4.5
2A DA Pump Discharge Pressure	400
2A DA Pump Bearing Lube Oil Pressure	3
MBFP/SUBFP Gland Water Pressure	250
Coupling Oil Pump Suction Pressure/Discharge Pressure	10 / 170
Coupling Oil Temperature	110
Turbine Oil Temperature	110
Turbine Oil Vapor Extractor Vacuum "H20	
Condenser Inlet Temperature	40
Condenser Outlet Temperature East / West	85 / 90
Condenser Inlet Pressure East / West	4 / 4
Air Side/Gas Side Seal Oil Temperature	110 / 110
Hydrogen Dew Point / Hydrogen Purity	-7 / 98.6
Hydrogen Gas Pressure / Hydrogen Fan Pressure	61.3 / 64.9
Flyash Blower Pressure North/South	6 / 5.5
Precipitator Flyash hoppers in Bypass/Alarms in Bypass	
Supplemental Precip Flyash Blower Discharge Pressure	5
Supplemental Precip Flyash Hoppers in Bypass	—
Kaydon System Pressure / Water Meter Reading	25 / 14280
All slag sluice handling equipment for MK2 has been inspected for proper operation and discrepancies have been reported.	✓
TA-6040 Discharge pressure/Oil temperature	/

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX						
T24						
ST2	40	40	25-	1		
RT2	X1- 50	40	25-	2	1600	—
	X2- 50					
MT2	60	70	25+	4	500	

Note: When N2 bottle is 300 psi or lower, notify WFO.

	River Info		
Circulators in operation	2A	(2B)	Both
Screen house Recirc valve position		30 %	
Forebay Frozen?	YES	(NO)	
Is there evidence of Deicing water being released to river?	If YES close off on the Screen house Recirc valve until there is no flow.		(NO)
NOTE: If Deicing is in progress the Traveling screens are to be run in continuous with 1 Circulator in service.			

EOD - EA

Date: 12/24/24 Shift: N Name: ROWELL

Unit 2

Cooling Water Pump Discharge Pressure / Pumps in service	63 12A
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	72 172
Cooling Water Heat Exchanger Outlet Temperature North / South	62 163
Cooling Water Heat Exchanger Discharge Pressure North / South	50 152
Air In-leakage @ 2A / 2B Vacuum Pumps	10 110
Seal Water Temp @ 2A and 2B Vacuum Pumps	62 165
2B DA Pump Discharge Pressure	350
2B DA Pump Bearing Lube Oil Pressure	4.5
2A DA Pump Discharge Pressure	400
2A DA Pump Bearing Lube Oil Pressure	3
MBFP/SUBFP Gland Water Pressure	260
Coupling Oil Pump Suction Pressure/Discharge Pressure	16 1170
Coupling Oil Temperature	110
Turbine Oil Temperature	110
Turbine Oil Vapor Extractor Vacuum "H20	3
Condenser Inlet Temperature	40
Condenser Outlet Temperature East / West	82 190
Condenser Inlet Pressure East / West	3 14
Air Side/Gas Side Seal Oil Temperature	109 1111
Hydrogen Dew Point / Hydrogen Purity	-69.5 98.7
Hydrogen Gas Pressure / Hydrogen Fan Pressure	59.8 183.9
Flyash Blower Pressure North/South	4.8 14.7
Precipitator Flyash hoppers in Bypass/Alarms in Bypass	~~1~~ 3, 6, 7, 8, 9, 10
Supplemental Precip Flyash Blower Discharge Pressure	4.4
Supplemental Precip Flyash Hoppers in Bypass	
Kaydon System Pressure / Water Meter Reading	0 14280
All slag sluice handling equipment for MK2 has been inspected for proper operation and discrepancies have been reported.	✓
TA-6040 Discharge pressure/Oil temperature	242 1116

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	~~OIL DISPLAY~~					
T24	NO DISPLAY					
ST2	75	75	—	0		
RT2	X1- 45	40	+	1.5	1600	
	X2- 45					
MT2	66	65	+	3.5	500	

Note: When N2 bottle is 300 psi or lower, notify WFO.

	River Info		
Circulators in operation	2A	(2B)	Both
Screen house Recirc valve position		25 %	
Forebay Frozen?	YES	(NO)	
Is there evidence of Deicing water being released to river?	If YES close off on the Screen house Recirc valve until there is no flow.		(NO)
NOTE: If Deicing is in progress the Traveling screens are to be run in continuous with 1 Circulator in service.			

EOD - EA

Date: 12/25/24 Shift: Night Name: Ron Chaney

Unit 2

Cooling Water Pump Discharge Pressure / Pumps in service	2A / 4
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	72 / 72
Cooling Water Heat Exchanger Outlet Temperature North / South	60 / 62
Cooling Water Heat Exchanger Discharge Pressure North / South	50 / 52
Air In-leakage @ 2A / 2B Vacuum Pumps	15 / 20
Seal Water Temp @ 2A and 2B Vacuum Pumps	52 / 58
2B DA Pump Discharge Pressure	480
2B DA Pump Bearing Lube Oil Pressure	4.5
2A DA Pump Discharge Pressure	140
2A DA Pump Bearing Lube Oil Pressure	3
MBFP/SUBFP Gland Water Pressure	300
Coupling Oil Pump Suction Pressure/Discharge Pressure	11 / 168
Coupling Oil Temperature	105
Turbine Oil Temperature	110
Turbine Oil Vapor Extractor Vacuum "H20	2-8
Condenser Inlet Temperature	38 / 40
Condenser Outlet Temperature East / West	70 / 78
Condenser Inlet Pressure East / West	4.5 / 4.5
Air Side/Gas Side Seal Oil Temperature	100 / 110
Hydrogen Dew Point / Hydrogen Purity	83.1 / 98.6
Hydrogen Gas Pressure / Hydrogen Fan Pressure	59.6 / 85.7
Flyash Blower Pressure North/South	4.4 / 9.7
Precipitator Flyash hoppers in Bypass/Alarms in Bypass	~~NO~~ 3, 7, 9, 10
Supplemental Precip Flyash Blower Discharge Pressure	4.1
Supplemental Precip Flyash Hoppers in Bypass	~~NO~~ 4
Kaydon System Pressure / Water Meter Reading	1 / 14280.1
All slag sluice handling equipment for MK2 has been inspected for proper operation and discrepancies have been reported.	YES
TA-6040 Discharge pressure/Oil temperature	250 / 116

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	50					
T24	008					
ST2	40	78	25	0		
RT2	X1- 40	78	25	3	1500	0
	X2- 40					
MT2	60	60	30	3	500	

Note: When N2 bottle is 300 psi or lower, notify WFO.

	River Info		
Circulators in operation	2A	2B	Both
Screen house Recirc valve position		30 %	
Forebay Frozen?	YES	NO	
Is there evidence of Deicing water being released to river?	If YES close off on the Screen house Recirc valve until there is no flow.		NO
NOTE: If Deicing is in progress the Traveling screens are to be run in continuous with 1 Circulator in service.			

EOD - EA

Date: 12-25-24 Shift: D Name: AP

Unit 2

Cooling Water Pump Discharge Pressure / Pumps in service	63 / 2A
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	70 / 72
Cooling Water Heat Exchanger Outlet Temperature North / South	60 / 62
Cooling Water Heat Exchanger Discharge Pressure North / South	50 / 54
Air In-leakage @ 2A / 2B Vacuum Pumps	7 / 7
Seal Water Temp @ 2A and 2B Vacuum Pumps	58 / 54
2B DA Pump Discharge Pressure	400
2B DA Pump Bearing Lube Oil Pressure	4.5
2A DA Pump Discharge Pressure	450
2A DA Pump Bearing Lube Oil Pressure	2.5
MBFP/SUBFP Gland Water Pressure	300
Coupling Oil Pump Suction Pressure/Discharge Pressure	16 / 170
Coupling Oil Temperature	110
Turbine Oil Temperature	110
Turbine Oil Vapor Extractor Vacuum "H20	2.8
Condenser Inlet Temperature	34
Condenser Outlet Temperature East / West	76 / 72
Condenser Inlet Pressure East / West	4 / 4
Air Side/Gas Side Seal Oil Temperature	105 / 105
Hydrogen Dew Point / Hydrogen Purity	-86.6 / 98.7
Hydrogen Gas Pressure / Hydrogen Fan Pressure	59.3 / 85.1
Flyash Blower Pressure North/South	4.3 / 4.5
Precipitator Flyash hoppers in Bypass/Alarms in Bypass	3, 7, 9, 10
Supplemental Precip Flyash Blower Discharge Pressure	4.2
Supplemental Precip Flyash Hoppers in Bypass	—
Kaydon System Pressure / Water Meter Reading	0 / 14281
All slag sluice handling equipment for MK2 has been inspected for proper operation and discrepancies have been reported.	ok
TA-6040 Discharge pressure/Oil temperature	/

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	49					
T24	—					
ST2	35	35	—	0		
RT2	X1- 40	30	—	1.5	1500	
	X2- 40					
MT2	55	55	+	3	500	

Note: When N2 bottle is 300 psi or lower, notify WFO.

	River Info		
Circulators in operation	2A	(2B)	Both
Screen house Recirc valve position		20	%
Forebay Frozen?	YES	(NO)	
Is there evidence of Deicing water being released to river?	If YES close off on the Screen house Recirc valve until there is no flow.		(NO)
NOTE: If Deicing is in progress the Traveling screens are to be run in continuous with 1 Circulator in service.			

EOD - EA

Date: 12/26/ Shift: N Name: ERIK

Unit 2

Cooling Water Pump Discharge Pressure / Pumps in service	1 2A
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	70 1~~6~~72
Cooling Water Heat Exchanger Outlet Temperature North / South	62 162
Cooling Water Heat Exchanger Discharge Pressure North / South	52~~5~~152
Air In-leakage @ 2A / 2B Vacuum Pumps	10 110
Seal Water Temp @ 2A and 2B Vacuum Pumps	60 160
2B DA Pump Discharge Pressure	408
2B DA Pump Bearing Lube Oil Pressure	3
2A DA Pump Discharge Pressure	430
2A DA Pump Bearing Lube Oil Pressure	3
MBFP/SUBFP Gland Water Pressure	258
Coupling Oil Pump Suction Pressure/Discharge Pressure	10 1170
Coupling Oil Temperature	110
Turbine Oil Temperature	105
Turbine Oil Vapor Extractor Vacuum "H20	3
Condenser Inlet Temperature	38
Condenser Outlet Temperature East / West	~~7~~0 178
Condenser Inlet Pressure East / West	4 14
Air Side/Gas Side Seal Oil Temperature	108 1110
Hydrogen Dew Point / Hydrogen Purity	-87 198.5
Hydrogen Gas Pressure / Hydrogen Fan Pressure	59.8 1~~8~~86.8
Flyash Blower Pressure North/South	4.8 14.9
Precipitator Flyash hoppers in Bypass/Alarms in Bypass	
Supplemental Precip Flyash Blower Discharge Pressure	4.5
Supplemental Precip Flyash Hoppers in Bypass	NONE ALARM4
Kaydon System Pressure / Water Meter Reading	0 14260
All slag sluice handling equipment for MK2 has been inspected for proper operation and discrepancies have been reported.	✓
TA-6040 Discharge pressure/Oil temperature	201 1115

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	~~48~~ 48					
T24	NO DISPLAY					
ST2	35	35	—	0		
RT2	X1- 40	35	—	1	1500	
	X2- 40					
MT2	55	60	+	3	500	

Note: When N2 bottle is 300 psi or lower, notify WFO.

	River Info		
Circulators in operation	2A	2B	Both
Screen house Recirc valve position		30	%
Forebay Frozen?	YES	NO	
Is there evidence of Deicing water being released to river?	If YES close off on the Screen house Recirc valve until there is no flow.		NO
NOTE: If Deicing is in progress the Traveling screens are to be run in continuous with 1 Circulator in service.			

EOD - EA

Date: 12-26-24 Shift: D Name: MB

Unit 2

Cooling Water Pump Discharge Pressure / Pumps in service	60 / 2A
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	70 / 70
Cooling Water Heat Exchanger Outlet Temperature North / South	60 / 60
Cooling Water Heat Exchanger Discharge Pressure North / South	50 / 50
Air In-leakage @ 2A / 2B Vacuum Pumps	1
Seal Water Temp @ 2A and 2B Vacuum Pumps	50 / 50
2B DA Pump Discharge Pressure	350
2B DA Pump Bearing Lube Oil Pressure	7.5
2A DA Pump Discharge Pressure	450
2A DA Pump Bearing Lube Oil Pressure	3
MBFP/SUBFP Gland Water Pressure	300
Coupling Oil Pump Suction Pressure/Discharge Pressure	10 / 170
Coupling Oil Temperature	110
Turbine Oil Temperature	110
Turbine Oil Vapor Extractor Vacuum "H20	
Condenser Inlet Temperature	40
Condenser Outlet Temperature East / West	70 / 80
Condenser Inlet Pressure East / West	5 / 5
Air Side/Gas Side Seal Oil Temperature	110 / 110
Hydrogen Dew Point / Hydrogen Purity	-64 / 98.6
Hydrogen Gas Pressure / Hydrogen Fan Pressure	59.6 / 86.2
Flyash Blower Pressure North/South	5.4 / 5.8
Precipitator Flyash hoppers in Bypass/Alarms in Bypass	3, 7, 9, 10
Supplemental Precip Flyash Blower Discharge Pressure	5.4
Supplemental Precip Flyash Hoppers in Bypass	4
Kaydon System Pressure / Water Meter Reading	1
All slag sluice handling equipment for MK2 has been inspected for proper operation and discrepancies have been reported.	
TA-6040 Discharge pressure/Oil temperature	1

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX						
T24						
ST2	40	40	25-	1		
RT2	X1- 50	40	25-	2	1100	—
	X2- 50					
MT2	60	60	25+	3	500	

Note: When N2 bottle is 300 psi or lower, notify WFO.

	River Info		
Circulators in operation	2A	2B	Both
Screen house Recirc valve position		20 %	
Forebay Frozen?	YES	NO	
Is there evidence of Deicing water being released to river?	If YES close off on the Screen house Recirc valve until there is no flow.		NO
NOTE: If Deicing is in progress the Traveling screens are to be run in continuous with 1 Circulator in service.			

APPENDIX C

Summary of Preventative Maintenance Performed

Merrimack Station BATW BMP Plan

Completed / Status update	Work Order	Description	Status
11/18/2023	3080	Repair Leak on MK1 Water Header Behind Slag Tank	CLOSE
11/28/2023	UDN103715	Replace MK2 Slag Tank Rodder Air Supply Valve	CLOSE
12/5/2023	6107	Rebuild slag tank swiper pistons	CLOSE
1/4/2024	UDN103603	Troubleshoot/Replace 100# Air Root Valve to MK1 Slag Tank	CLOSE
1/8/2024	UDN101235	Repair MK2 Slag Tank Level Auto Control (during run)	CLOSE
1/12/2024	4125	Replace MK2 Slag Tank Bearing Water Pump	CLOSE
2/6/2024	4293	Repair MK1 Slag Tank Sluice Gate Four Way Valve (leaking air)	CLOSE
2/8/2024	3014	Repair/Replace MK2 Slag Tank North Fill Nozzle Solenoid	CLOSE
2/26/2024	4579	Repair/Replace Actuator on MK2 Slag Tank Rodder	CLOSE
3/5/2024	9530	Repair/Replace MK2 Slag Rodder	CLOSE
3/13/2024	10212	Replace MK2 Slag Tank Goose Neck Blower Belts	CLOSE
3/22/2024	10050	Recharge MK2 Slag Tank PLC Backup Battery	CLOSE
3/26/2024	10653	Inspect/Replace Venturi on MK2 Sluice Line	CLOSE
4/12/2024	11758	Repair/Replace MK2 Slag Sluice Pump Breaker on 2LA (not recharging when inserted)	CLOSE
4/17/2024	10654	Repair Hole on Southwest Slope Nozzle on MK2 Slag Tank	CLOSE
4/17/2024	10657	Repair Hole in Pipe on 300# Air Line to MK2 Slag Tank	CLOSE
4/17/2024	10664	Repair/Replace MK2 Slag Tank Service Water Pump	CLOSE
4/29/2024	11924	Inpsect MK2 Slag Sump Pit	CLOSE
5/2/2024	12433	Replace the Slag Tank Swiper Arm on MK2 North Swiper	CLOSE
5/3/2024	12446	Replace Venturi on MK2 Slag Tank Sluice Line	CLOSE
7/2/2024	14672	Repair Seal on MK2 Slag Tank Gate	CLOSE
7/17/2024	14670	Repair Leak of MK2 Slag Tank View Port (North Neck) Fitting (leaking between 3-way valve and view port)	CLOSE
7/28/2024	15415	Repair Leak on MK2 South Slag Tank Neck Cooling Water Line	CLOSE
7/30/2024	14668	Repair Leak on MK2 Slag Tank View Port Door (NW Corner of Tank)	CLOSE
8/20/2024	15420	Clean/Vacuum MK2 Slag Pit	CLOSE
8/22/2024	15095	Repair Leak on MK2 Slag Crusher South Seal	CLOSE
9/18/2024	16369	Replace MK2 Slag Tank South Swiper Control Button on 1st Upper Level	CLOSE
10/30/2024	2870	Repair MK2 Slag Tank Gland Water Pump Packing	CLOSE
11/2/2024	16370	Repair/Replace MK2 Slag Tank Level Control Valve	CLOSE
11/21/2024	14429	Annual Inspection of MK2 Slag Tank for Proper Operation; Inspect and Adjust Chain and Check Segment	CLOSE
11/25/2024	19413	Repair/Repace MK2 Slag Tank Fill Pump Recirc	CLOSE
11/27/2024	19412	Repair MK2 Slag Tank Sluice Gate Fail to Open Alarm (stays in, does not reset/clear, prox sensor issue?)	CLOSE
11/27/2024	19442	Repair Leak in MK2 Sluice Line at Elbow (just inside trench)	CLOSE
12/10/2024	19424	Repair MK2 Slag Tank Low Level Alarm (does not reset/clear when level is normal)	CLOSE
1/31/2025	19407	Repair Leak on MK2 Slag Tank East Port on North Neck	CLOSE
1/31/2025	19408	Repair Leak on MK2 Slag Tank 2nd Level NW Angled Sight Glass	CLOSE

Appendix D
Weekly Flow Measurements

APPENDIX D

Weekly Flow Measurements

Merrimack Station BATW BMP Plan

Week Start Date	Week End Date	Number of Days with MK Unit(s) Operating	MK1 BATW Slag Sluice (gallons)	MK2 BATW Slag Sluice (gallons)	Total BATW Discharged (gallons)	BATW Recycled to the FGD Adsorber (gallons)
1/14/2024	1/20/2024	6	8,010,000	11,860,000	16,750,000	1,486,662
1/21/2024	1/27/2024	2	2,580,000	3,940,000	7,670,000	163,710
3/3/2024	3/9/2024	2	-	1,160,000	2,580,000	480
3/10/2024	3/16/2024	4	-	6,590,000	19,990,000	244,250
3/24/2024	3/30/2024	3	-	5,670,000	8,520,000	497,190
6/23/2024	6/29/2024	1	-	610,000	420,000	28,270
6/30/2024	7/6/2024	1	-	720,000	220,000	13,520
7/7/2024	7/13/2024	6	-	14,820,000	15,300,000	2,265,390
7/14/2024	7/20/2024	6	-	14,680,000	18,840,000	2,062,640
7/28/2024	8/3/2024	3	-	7,700,000	4,350,000	470,970
8/4/2024	8/10/2024	4	-	8,340,000	14,050,000	1,140,920
11/10/2024	11/16/2024	1	-	630,000	660,000	6,300
11/17/2024	11/23/2024	3	-	3,810,000	3,790,000	34,910
11/24/2024	11/30/2024	5	-	12,920,000	12,890,000	1,797,920
12/1/2024	12/7/2024	7	-	18,480,000	19,140,000	3,663,840
12/8/2024	12/14/2024	1	-	2,640,000	2,420,000	160,320
12/15/2024	12/21/2024	4	-	9,090,000	13,370,000	1,432,200
12/22/2024	12/28/2024	7	-	17,860,000	26,140,000	3,212,430

Annual Average Recycle Flow for Days when MK Unit(s) Operated (GPD)	283,059

Notes:

The weekly volumes are the total volume measured that week on days when one or both MK units were operated.

Only those weeks in which one or both MK units were operated are included. No BATW flows occurred in other weeks.

The annual average recycle flow was calculated by taking the total recycle volume and dividing by the total number of days with BATW generated.