

Bottom Ash Transport Water Best Management Practice Plan

MERRIMACK STATION

Bow, New Hampshire

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	Elizabethe	Chiloteon	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		HARRISON HAMO
Printed Name of Licensed P	Professional Engineer	No. 15920 E
Signature		WINIMINI.
15920 License Number	New Hampshire Licensing State	October 31, 2023 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

Printed Name of Facility Representative

Elizable D. Lillotton 28 FEB 2025

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 Licens Signature	ed Professional Engineer	HARBISON BOOK TO THE THE PROPERTY OF NO. 15920 HOLL THE SOLUTION OF THE PROPERTY OF THE PROPE
15920 License Number	New Hampshire Licensing State	2/28/2025 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

Туре	BATW System Component	Normal Station On- Line Operation Flow
Water removed	Outfall: Outfall 003A to Waste Treatment Plant #2	5,330,000 GPD
from the BA	Service Water Pump House (primarily for FGD absorber use)	1,100,000 GPD
transport system	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	MK1 Cooling Water Tunnel	2,000,000 GPD
recycled to the BA		(intermittent)
transport system.	MK2 Cooling Water Tunnel	4,230,000 GPD
There is no BATW	Service water pump house return	100,000 GPD
recycled back to	Non-Contact Cooling Water Return	144,000 GPD
the system in lieu		(intermittent)
of makeup water.	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	Weekly Monitoring Method	During Norm	al Station
Component		On-line Operation	
		Flow Type	Typical Flow
MK1 BATW added to	Record start and stop times of water being added from	Intermittent	2,000,000
the BATW system,	the MK1 cooling water tunnel to the MK1 sluice system		GPD
including the BATW	while the boiler is running. Sum the total run time of		
slag sluice	the MK1 sluice water addition and multiple by the		
	typical operational flow rate to obtain the weekly flow volume.		
	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.		
MK2 BATW added to	Record start and stop times of water being added from	Continuous	4,230,000
the BATW system,	the MK2 cooling water tunnel to the MK2 sluice system		GPD
including the BATW	while the boiler is running. Sum the total run time of		
slag sluice	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.		
Total BATW	Continuous flow monitoring data are collected at	Continuous	5,330,000
discharged	Internal Outfall 003A.		GPD
BATW recycled to the	Operational or flow data will be collected to establish	Continuous	1,100,000
FGD absorber	flows at the FGD absorber.		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.

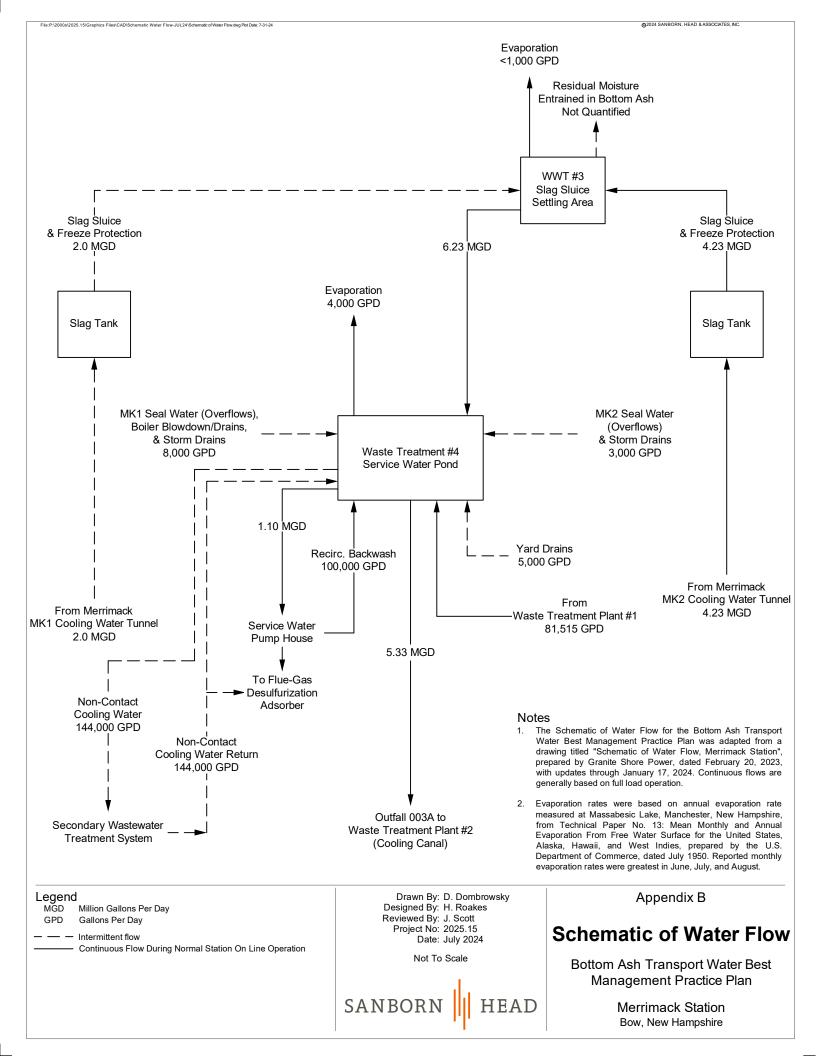
Weekly BATW flow measurements from the previous calendar year and the average amount of recycled BATW are provided in Appendix D.

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



Appendix C Inspection Reports and Preventative Maintenance

Date: 01-19-2024 Shift: 0

Name: Shan Ball

Unit 1	
#2 Oil @ Midnight, Ignition Oil Tank / Yard Service Tank	I I
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 1885
1A BFP Motor Bearing Lube Oil Pressure	12 051
Cooling Water Heat Exchanger Inlet Temperature	620
Cooling Water Heat Exchanger Outlet Temperature	500
Cooling Water Heat Exchanger Discharge Pressure	750
Cooling Water Pump Discharge Pressure / Pumps in service	80/ 1 ATB
Seal Oil Temperature	99,27
Hydrogen Gas Pressure	28.1 PSI
Hydrogen Fan Pressure	3,77
Hydrogen Purity	99,4
Hydrogen Temperature @ TCV	430
Hydrogen Dryer Dew Point	-1102.40
Condenser Inlet Temperature	39°
Condenser Outlet Temperature North / South	70° / 70°
Condenser Inlet Pressure North / South	4 PSI / 4 PSI
Gland Seal Steam Exhauster Vacuum "H2O	29.0
Low Level Make Up Valve Opening	Q
Condensate Pump Discharge Pressure	200 PSI
Turbine Oil Inlet Temperature	130°
Turbine Oil Outlet Temperature	100 °
Turbine Oil Vapor Extractor Vacuum "H2O	1.60 855
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	1 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	26 V
Kaydon System Pressure / Water Meter Reading	0/32671
All slag sluice handling equipment for MK1 has been inspected for	Gh
proper operation and discrepancies have been reported.	
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		5	
CMT 7		25		Ö	
MT 1		40	+	1 1	700

1-19-20		
Date: 1-19-74	Shift:	Name:
		Mattie:

Unit 2	
Cooling Water Pump Discharge Pressure / Pumps in service	100 / 18
Heat Exchanger Parallel Operation North and South	100 / 2B
Cooling Water Heat Exchanger Inlet Temperature North / South	80 180
Cooling Water Heat Exchanger Outlet Temperature North / South	
Cooling Water Heat Exchanger Discharge Pressure North/South	1 80 E
Air In-leakage @ 2A / 2B Vacuum Pumps	0/9
Seal Water Temp @ 2A and 2B Vacuum Pumps	
2B DA Pump Discharge Pressure	71/00
2B DA Pump Bearing Lube Oil Pressure	350
2A DA Pump Discharge Pressure	220
2A DA Pump Bearing Lube Oil Pressure	380
MBFP/SUBFP Gland Water Pressure	4.5
Coupling Oil Pump Discharge Pressure	260
Coupling Oil Pump Suction Pressure	ileo
Coupling Oil Temperature	
Turbine Oil Temperature	110
Turbine Oil Vapor Extractor Vacuum "H20	1/0
Condenser Inlet Temperature	3.2
Condenser Outlet Temperature East / West	35
Condenser Inlet Pressure East / West	90/90
Air Side/Gas Side Seal Oil Temperature	415
Hydrogen Dew Point / Hydrogen Purity	105 1110
Hydrogen Gas Pressure / Hydrogen Fan Pressure	-112 / 99.7
SBAC Cooling Water Supply Pressure	59.6/70
SBAC Discharge Air Pressure	50 PSI
SBAC Fourth Stage Inlet Temperature	194,7
SBAC Evacuator Vacuum "H2O	++
SBAC Oil Temperature	30.76
SBAC Lube Oil Pressure	11+
Flyash Blower Pressure North/South	26951
Precipitator Flyash hopper(s) alarms in By-pass	4.117.1
Precipitator Flyash hopper(s) in By-pass	P
Supplemental Precip Flyash Blower Discharge Pressure	7'1
Supplemental Precip Flyash Hopper(s) in By-pass	3
Scr/Eco Flyash Blower Pressure	1 1
Scr or Eco Flyash system in Bypass	
Hypo Tank Level	
Kaydon System Pressure / Water Meter Reading	0 (1)176
All slag sluice handling equipment for MK2 has been inspected for	14175
proper operation and discrepancies have been reported.	5h
Comments:	+
A STATE OF THE STA	

0

Date: 01-20-24

Shift: Day

Name: Shair Ball

Unit 2	
Cooling Water Pump Discharge Pressure / Pumps in service	6085 2B
Heat Exchanger Parallel Operation North and South	13463131111111111111111111111111
Cooling Water Heat Exchanger Inlet Temperature North / South	80° /80°
Cooling Water Heat Exchanger Outlet Temperature North / South	CITED 1801000
Cooling Water Heat Exchanger Discharge Pressure North / South	-2051 -5051
Air In-leakage @ 2A / 2B Vacuum Pumps	5 / 15
Seal Water Temp @ 2A and 2B Vacuum Pumps	70 / 100
2B DA Pump Discharge Pressure	250 SI
2B DA Pump Bearing Lube Oil Pressure	10 20 T
2A DA Pump Discharge Pressure	25 PL 400
2A DA Pump Bearing Lube Oil Pressure	30 485 25 12
MBFP/SUBFP Gland Water Pressure	25061
Coupling Oil Pump Discharge Pressure	160 PSI
Coupling Oil Pump Suction Pressure	10 PSI
Coupling Oil Temperature	110° begrees
Turbine Oil Temperature	110° Degrees
Turbine Oil Vapor Extractor Vacuum "H20	and begins
Condenser Inlet Temperature	300
Condenser Outlet Temperature East / West	319 19 86
Condenser Inlet Pressure East / West	4PSI/ 5PSI
Air Side/Gas Side Seal Oil Temperature	105° / 107°
Hydrogen Dew Point / Hydrogen Purity	-125.7199.5
Hydrogen Gas Pressure / Hydrogen Fan Pressure	59.4/76.7
SBAC Cooling Water Supply Pressure	186.60
SBAC Discharge Air Pressure	191.8 05:
SBAC Fourth Stage Inlet Temperature	760
SBAC Evacuator Vacuum "H2O	35.07
SBAC Oil Temperature	1160
SBAC Lube Oil Pressure	1210
Flyash Blower Pressure North/South	Qu2 / Qu1
Precipitator Flyash hopper(s) alarms in By-pass	6
Precipitator Flyash hopper(s) in By-pass	(0
Supplemental Precip Flyash Blower Discharge Pressure	3
Supplemental Precip Flyash Hopper(s) in By-pass	1
Scr/Eco Flyash Blower Pressure	and the same of th
Scr or Eco Flyash system in Bypass	
Hypo Tank Level	
Kaydon System Pressure / Water Meter Reading	0 1333417
All slag sluice handling equipment for MK2 has been inspected for	1,
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		<i>(</i>)		
RT2	X1- 40	35		0	1500	
	X2- (C)					
MT2	60	50	+	5	TROV	

Date: 01-20-24

Name: Shair Ball

Unit 2	
Cooling Water Pump Discharge Pressure / Pumps in service	6085 2B
Heat Exchanger Parallel Operation North and South	West and the state of the second
Cooling Water Heat Exchanger Inlet Temperature North / South	80° / 80°
Cooling Water Heat Exchanger Outlet Temperature North / South	4100 180100°
VCooling Water Heat Exchanger Discharge Pressure North / South	-2 061 / -5 051
Air In-leakage @ 2A / 2B Vacuum Pumps	5 / 15
Seal Water Temp @ 2A and 2B Vacuum Pumps	70 / 60
2B DA Pump Discharge Pressure	250 61
2B DA Pump Bearing Lube Oil Pressure	3051
2A DA Pump Discharge Pressure	25 PH 400 P
2A DA Pump Bearing Lube Oil Pressure	21 n 100 m
MBFP/SUBFP Gland Water Pressure	250 051
Coupling Oil Pump Discharge Pressure	160 62 I
Coupling Oil Pump Suction Pressure	
Coupling Oil Temperature	10 PSI 110 Pegrees
, Turbine Oil Temperature	1100 1/29(1985
Turbine Oil Vapor Extractor Vacuum "H20	110 Degrees
Condenser Inlet Temperature	200
Condenser Outlet Temperature East / West	Calledon's
Condenser Inlet Pressure East / West	B198 1 986
Air Side/Gas Side Seal Oil Temperature	105° 1/07°
Hydrogen Dew Point / Hydrogen Purity	
Hydrogen Gas Pressure / Hydrogen Fan Pressure	
SBAC Cooling Water Supply Pressure	
SBAC Discharge Air Pressure	186.6005:
SBAC Fourth Stage Inlet Temperature	141.8 955
SBAC Evacuator Vacuum "H2O	1: 67
SBAC Oil Temperature	35.07
SBAC Lube Oil Pressure	1160
Flyash Blower Pressure North/South	1210
Precipitator Flyash hopper(s) alarms in By-pass	The Cont
Precipitator Flyash hopper(s) in By-pass	- 0
Supplemental Precip Flyash Blower Discharge Pressure	19
Supplemental Precip Flyash Hopper(s) in By-pass	3
Scr/Eco Flyash Blower Pressure	<u></u>
Scr or Eco Flyash system in Bypass	
Hypo Tank Level	
Kaydon System Pressure / Water Meter Reading	2 122
All slag sluice handling equipment for MK2 has been inspected for	0 1 3 4 175
proper operation and discrepancies have been reported.	OKa.1
Comments:	0 249

TID	NSF	DIM	DOG
1 53 /-		J PC IV	HK

	WDG TEMP	OIL TEMP	OIL LEVEL		N2 PRESS	HVDDAN
2TX	47			HILLIOSO RE	WE TRESS	HIDRAN
T24	57				THE SECOND CONTRACTOR OF THE SECOND CONTRACTOR	
ST2	40	40		1		
RT2	X1- 40	35			1/27/12	PERSONAL MANAGEMENT
	X2- (C)			AND AND ADDRESS OF THE PARTY OF		
MT2	60	50		SURE STATE OF THE SECRETARIES	THE REPORT OF THE PERSONNEL PROPERTY OF THE	

Date:	3 -	8.	-2	4	
-------	-----	----	----	---	--

Shift:	\mathcal{D}

Name:	AP	

Unit 2	
Cooling Water Pump Discharge Pressure / Pumps in service	2A 160
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	42144
Cooling Water Heat Exchanger Outlet Temperature North / South	44 144
Cooling Water Heat Exchanger Discharge Pressure North / South	55 158
Air In-leakage @ 2A / 2B Vacuum Pumps	010
Seal Water Temp @ 2A and 2B Vacuum Pumps	45 1 4.3
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 1130
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 7 48
Condenser Inlet Pressure East / West	0 10
Air Side/Gas Side Seal Oil Temperature	73 175
Hydrogen Dew Point / Hydrogen Purity	-88.81 /00
Hydrogen Gas Pressure / Hydrogen Fan Pressure	39.61.4
Flyash Blower Pressure North/South	010
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 14175.5
All slag sluice handling equipment for MK2 has been inspected for	86
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	46						
T24	66						
ST2	35	35	- 3	٠5			
RT2	X1- 8	5		1	19,00		
	X2- 8						
MT2	10	(0	_	/	1700		

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

	Rive	er Info	
Circulators in operation	2A	2B	Both
Screen house Recirc valve	position	75	%
Forebay Frozen?	YES	NO	
Is there evidence of	If YES close off or	n the Screen house	NO)
Deicing water being	Recirc valve unt	il there is no flow.	
released to river?	sa dan fabrusan		

EOD	- EA
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Date: 3/9/24

Shift: N

Name: _____

Unit 2

Unit 2	
Cooling Water Pump Discharge Pressure / Pumps in service	55 12B
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	56 160
Cooling Water Heat Exchanger Outlet Temperature North / South	60 /55
Cooling Water Heat Exchanger Discharge Pressure North / South	55 156
Air In-leakage @ 2A / 2B Vacuum Pumps	010
Seal Water Temp @ 2A and 2B Vacuum Pumps	40 140
2B DA Pump Discharge Pressure	0
2B DA Pump Bearing Lube Oil Pressure	3
2A DA Pump Discharge Pressure	O
2A DA Pump Bearing Lube Oil Pressure	3
MBFP/SUBFP Gland Water Pressure	0
Coupling Oil Pump Suction Pressure/Discharge Pressure	10 1(Ac) 145
Coupling Oil Temperature	73
Turbine Oil Temperature	70
Turbine Oil Vapor Extractor Vacuum "H20	Ó
Condenser Inlet Temperature	43
Condenser Outlet Temperature East / West	49 149
Condenser Inlet Pressure East / West	0 10
Air Side/Gas Side Seal Oil Temperature	75 175
Hydrogen Dew Point / Hydrogen Purity	-135.2/1001
Hydrogen Gas Pressure / Hydrogen Fan Pressure	39.6 / 4
Flyash Blower Pressure North/South	010
Precipitator Flyash hoppers in Bypass/Alarms in Bypass	ALL
Supplemental Precip Flyash Blower Discharge Pressure	0
Supplemental Precip Flyash Hoppers in Bypass	ACL
Kaydon System Pressure / Water Meter Reading	5 14170
All slag sluice handling equipment for MK2 has been inspected for	1./
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- (C					
MT2	15	10			1750	

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

	Rive	r Info	
Circulators in operation	2A	2B	Both
Screen house Recirc valve	position	~ 25	%
Forebay Frozen?	YES	(NO)	
Is there evidence of	If YES close off or	the Screen house	(NO)
Deicing water being	Recirc valve until there is no flow.		
released to river?			

	2/4/20
Date:	2/10/24

Shift:	()
SHILL	• /

Unit 2	
Cooling Water Pump Discharge Pressure / Pumps in service	57 1 28
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	45 1 45
Cooling Water Heat Exchanger Outlet Temperature North / South	43 1 43
Cooling Water Heat Exchanger Discharge Pressure North / South	55157
Air In-leakage @ 2A / 2B Vacuum Pumps	010
Seal Water Temp @ 2A and 2B Vacuum Pumps	44 1 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 1132
Coupling Oil Temperature	75
Turbine Oil Temperature	73
Turbine Oil Vapor Extractor Vacuum "H20	4
Condenser Inlet Temperature	39
Condenser Outlet Temperature East / West	37139
Condenser Inlet Pressure East / West	3 / 3.5
Air Side/Gas Side Seal Oil Temperature	75 176
Hydrogen Dew Point / Hydrogen Purity	-84.31 100
Hydrogen Gas Pressure / Hydrogen Fan Pressure	3911.3
Flyash Blower Pressure North/South	010
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 141755
All slag sluice handling equipment for MK2 has been inspected for	n /:
proper operation and discrepancies have been reported.	01
TA-6040 Discharge pressure/Oil temperature	1,4193

TRANSFORMERS

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

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

	Rive			
Circulators in operation	(ZA)	2B		Both
Screen house Recirc valve	position	_ 0	%	
Forebay Frozen?	YES	NO		
Is there evidence of	If YES close off or		NO)	
Deicing water being	Recirc valve unti	l there is no flow.		
released to river?				
MODE TOD I I I				

Date:	3/11	12L1

	1	
Shift:	1/	
SIIII.	10	

Name: LOWELL

Unit 2

Unit 2	
Cooling Water Pump Discharge Pressure / Pumps in service	50 1217
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	010
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(EA)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	3LR1 3LB
Air Side/Gas Side Seal Oil Temperature	40 170
Hydrogen Dew Point / Hydrogen Purity	-131.6/100
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	1/
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	59					
ST2	40	35		2 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.

	Riv	er Info	
Circulators in operation	(2A)	2B	Both
Screen house Recirc valve	position	0	%
Forebay Frozen?	YES (NQ)		E 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Is there evidence of	If YES close off o	(NO)	
Deicing water being	Recirc valve un		
released to river?			9
MODE TOD I I I	. 3 (77) 3.6		

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

Circulator in service.

2103 6354 80762

Date:	3	-	12	-2	4
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Shift: \mathcal{D}	
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Name: _	AP	
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Unit 2	
Cooling Water Pump Discharge Pressure / Pumps in service	73155
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	44 1 46
Cooling Water Heat Exchanger Outlet Temperature North / South	44144
Cooling Water Heat Exchanger Discharge Pressure North / South	55155
Air In-leakage @ 2A / 2B Vacuum Pumps	010
Seal Water Temp @ 2A and 2B Vacuum Pumps	501
2B DA Pump Discharge Pressure	0
2B DA Pump Bearing Lube Oil Pressure	4
2A DA Pump Discharge Pressure	٥
2A DA Pump Bearing Lube Oil Pressure	3
MBFP/SUBFP Gland Water Pressure	0
Coupling Oil Pump Suction Pressure/Discharge Pressure	10 1/38
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	37140
Condenser Inlet Pressure East / West	314
Air Side/Gas Side Seal Oil Temperature	75 168
Hydrogen Dew Point / Hydrogen Purity	-4151100
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	Z,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	OK
proper operation and discrepancies have been reported.	0/ K
TA-6040 Discharge pressure/Oil temperature	1.4 192

TRANSFORMERS

			TOTAL CHANGE	•~		
	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	49					
T24	68					
ST2	40	35	5			
RT2	X1- Z0	18		1.5	1750	
	X2-20					
MT2	30	35	+	2.5	1750	

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

	Rive	r Info	
Circulators in operation	2A)	2B	Both
Screen house Recirc valve	position	B	%
Forebay Frozen?	YES	(NO	
Is there evidence of	If YES close off on	the Screen house	(NO)
Deicing water being	Recirc valve unti	l there is no flow.	
released to river?			
MODEL LED	.1 73 10		<u> </u>

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

Circulator in service.

80762 2104 6355

Date:		SM	AR	1	2	4	
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Shift: //

Name: ERIK R

Unit 2

Unit 2	
Cooling Water Pump Discharge Pressure / Pumps in service	60 125
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	94149
Cooling Water Heat Exchanger Outlet Temperature North / South	46 143
Cooling Water Heat Exchanger Discharge Pressure North / South	55 150
Air In-leakage @ 2A / 2B Vacuum Pumps	010
Seal Water Temp @ 2A and 2B Vacuum Pumps	010
2B DA Pump Discharge Pressure	<u>ಿ</u>
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 1(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	50 151
Condenser Inlet Pressure East / West	010
Air Side/Gas Side Seal Oil Temperature	42 169
Hydrogen Dew Point / Hydrogen Purity	-87.71100
Hydrogen Gas Pressure / Hydrogen Fan Pressure	41 / .3
Flyash Blower Pressure North/South	010
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	1/
proper operation and discrepancies have been reported.	V
TA-6040 Discharge pressure/Oil temperature	1,4196

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.

	Rive	er Info	
Circulators in operation	2A	2B	Both
Screen house Recirc valve	position	22	%
Forebay Frozen?	YES	(NO)	
Is there evidence of	If YES close off o	n the Screen house	(NO)
Deicing water being	Recirc valve unt	il there is no flow.	
released to river?			

Date: 3-25 Shift: Day

Name: Shain

Unit 2	
Cooling Water Pump Discharge Pressure / Pumps in service	60 12B
Heat Exchanger Parallel Operation North and South	BHBBBBBBBBBBBBBB
Cooling Water Heat Exchanger Inlet Temperature North / South	88 180
Cooling Water Heat Exchanger Outlet Temperature North / South	80 180
Cooling Water Heat Exchanger Discharge Pressure North / South	58 157
Air In-leakage @ 2A / 2B Vacuum Pumps	68 1
Seal Water Temp @ 2A and 2B Vacuum Pumps	62 150
2B DA Pump Discharge Pressure	378
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	V-0
Coupling Oil Pump Suction Pressure	169
Coupling Oil Temperature	10° F
Turbine Oil Temperature	110° F
Turbine Oil Vapor Extractor Vacuum "H20	13/4
Condenser Inlet Temperature	40°
Condenser Outlet Temperature East / West	
Condenser Inlet Pressure East / West	\$0" / 780
Air Side/Gas Side Seal Oil Temperature	110° / 110°
Hydrogen Dew Point / Hydrogen Purity	-1602F1 100.0
Hydrogen Gas Pressure / Hydrogen Fan Pressure	
SBAC Cooling Water Supply Pressure	50.4 / 64.9
SBAC Discharge Air Pressure	1,4
SBAC Fourth Stage Inlet Temperature	58
SBAC Evacuator Vacuum "H2O	47.50
SBAC Oil Temperature	Q7
SBAC Lube Oil Pressure	1310
Flyash Blower Pressure North/South	44 149
Precipitator Flyash hopper(s) alarms in By-pass	1
Precipitator Flyash hopper(s) in By-pass	<u> </u>
Supplemental Precip Flyash Blower Discharge Pressure	3
Supplemental Precip Flyash Hopper(s) in By-pass	0
Scr/Eco Flyash Blower Pressure	(7)
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	No PRESS	HVDDAN
2TX	48					HUBILINE
T24	70.					
ST2	40	40	THE PERSON NAMED IN COLUMN TWO	************************		
RT2	X1-30	2.5		3	1200	mannsmis
	X2- 30			HARMAN MALLAN	MANUFACTURE OF THE PARTY OF THE	altarena maria
MT2	45	45	250	3,5	15/10	

Date: 03/25/24 Shift: MAY

Unit 2

Unit 2	
Cooling Water Pump Discharge Pressure / Pumps in service	120 120
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	86187
Cooling Water Heat Exchanger Outlet Temperature North / South	75 168
Cooling Water Heat Exchanger Discharge Pressure North / South	0 1-2
Air In-leakage @ 2A / 2B Vacuum Pumps	10 / 2
Seal Water Temp @ 2A and 2B Vacuum Pumps	60 154
2B DA Pump Discharge Pressure	3
2B DA Pump Bearing Lube Oil Pressure	* 400 HOO
2A DA Pump Discharge Pressure	9440
2A DA Pump Bearing Lube Oil Pressure	2.5
MBFP/SUBFP Gland Water Pressure	280
Coupling Oil Pump Suction Pressure/Discharge Pressure	10 1155
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	70770
Condenser Inlet Pressure East / West	404 / 604
Air Side/Gas Side Seal Oil Temperature	110 1105
Hydrogen Dew Point / Hydrogen Purity	-107 1/00
Hydrogen Gas Pressure / Hydrogen Fan Pressure	58.1 173.5
Flyash Blower Pressure North/South	4.6 139
Precipitator Flyash hoppers in Bypass/Alarms in Bypass	#2/#3/#4/#7/#16
Supplemental Precip Flyash Blower Discharge Pressure	2.7
Supplemental Precip Flyash Hoppers in Bypass	
Kaydon System Pressure / Water Meter Reading	5 14178
All slag sluice handling equipment for MK2 has been inspected for	Firemain throthed
proper operation and discrepancies have been reported.	For alding slucing
TA-6040 Discharge pressure/Oil temperature	73
(4)	

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	53					
T24	760				有问题,以	
ST2	36	367	مست	0		State of the last
RT2	X1- 4(0	36	10.00	3	1300	173
	X2				"WE A	THE CONTRACTOR
MT2	65	65	4	3.6	1600	

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

	Rive		
Circulators in operation	2A	2B	Both
Screen house Recirc valve position			% Closed
Forebay Frozen?	YES	(NO)	
Is there evidence of	If YES close off or	NO	
Deicing water being	Recirc valve unti	I there is no flow.	
released to river?			
NOTE, If Deleter die in ann		4 1	

D .	1	1/9	1/9	U
Date: _	_/	\perp	1"	eli .

Shi	C.		
Shi	TT.		

N	ame:			

Unit 2	
Cooling Water Pump Discharge Pressure / Pumps in service	t
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	/ %(0
Cooling Water Heat Exchanger Outlet Temperature North / South	174
Cooling Water Heat Exchanger Discharge Pressure North / South	10
Air In-leakage @ 2A / 2B Vacuum Pumps	1
Seal Water Temp @ 2A and 2B Vacuum Pumps	1
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	9
Coupling Oil Pump Suction Pressure/Discharge Pressure	1
Coupling Oil Temperature	
Turbine Oil Temperature	
Turbine Oil Vapor Extractor Vacuum "H20	e
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	-787 1441
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	1

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	18					
T24	75					
ST2	45	45	1 +	2	建一类的	电影影响
RT2	X1- 75	15		,5	1700	1.
	X2- 75			A STATE OF THE STA		
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	elotea	%
Forebay Frozen?	YES	NO	的复数 化基础性
Is there evidence of	If YES close off	on the Screen house	NO)
Deicing water being	Recirc valve un		
released to river?			
NOTE, If Deloing is in no	maga the Trevelin	e compone and to be my	in in continuous with 1

Date:	1/10/24
Date.	1 1 - 1

Shift:	

Name:	AD	
Tante.	* *	

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 1/09
Cooling Water Heat Exchanger Outlet Temperature North / South	96 19.8
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	75
MBFP/SUBFP Gland Water Pressure	275
Coupling Oil Pump Suction Pressure/Discharge Pressure	10 1152
Coupling Oil Temperature	178
Turbine Oil Temperature	125
Turbine Oil Vapor Extractor Vacuum "H20	4,0
Condenser Inlet Temperature	78
Condenser Outlet Temperature East / West	48 199
Condenser Inlet Pressure East / West	3 13.1
Air Side/Gas Side Seal Oil Temperature	125 1/20
Hydrogen Dew Point / Hydrogen Purity	-48.5 199.4
Hydrogen Gas Pressure / Hydrogen Fan Pressure	59.8173.9
Flyash Blower Pressure North/South	4.314.7
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	2511/29

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	81			PART ASTLANTA	NAME OF TAXABLE	1. Plasted
T24	106					
ST2	50	50	+	7		
RT2	X1- 70	62	+	2.5	450	- 1
	X2- 70		NEW YORK MANY		Ha VENEZUL SEX	Sh Barrie and
MT2	65	65	+	3:2	11,50	

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

	Rive	r Info	
Circulators in operation	2A	2B	Both
Screen house Recirc valve	position	0	%
Forebay Frozen?	YES	MO	
Is there evidence of	If YES close off or	the Screen house	NO
Deicing water being	I	il there is no flow.	
released to river?			

	2/11/24
Date:	1/11/14

	*
Shift:	1)
V31111117;	

	NP		
Name:	111		

Unit 2	
Cooling Water Pump Discharge Pressure / Pumps in service	65 141R
Heat Exchanger Parallel Operation North and South	05 7178
Cooling Water Heat Exchanger Inlet Temperature North / South	110 198
Cooling Water Heat Exchanger Outlet Temperature North / South	99/10/207
Cooling Water Heat Exchanger Discharge Pressure North / South	12 150
Air In-leakage @ 2A / 2B Vacuum Pumps	10 / 87
Seal Water Temp @ 2A and 2B Vacuum Pumps	26/76
2B DA Pump Discharge Pressure	350
2B DA Pump Bearing Lube Oil Pressure	20
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 1/65
Coupling Oil Temperature	125
Turbine Oil Temperature	175
Turbine Oil Vapor Extractor Vacuum "H20	2.8
Condenser Inlet Temperature	20
Condenser Outlet Temperature East / West	108 1104
Condenser Inlet Pressure East / West	3.1 31
Air Side/Gas Side Seal Oil Temperature	130 /25
Hydrogen Dew Point / Hydrogen Purity	-344199
Hydrogen Gas Pressure / Hydrogen Fan Pressure	WY 173.8
Flyash Blower Pressure North/South	4.214.1
Precipitator Flyash hoppers in Bypass/Alarms in Bypass	0
Supplemental Precip Flyash Blower Discharge Pressure	4.1
Supplemental Precip Flyash Hoppers in Bypass	7.
Kaydon System Pressure / Water Meter Reading	0 14/82
All slag sluice handling equipment for MK2 has been inspected for	1,02
proper operation and discrepancies have been reported.	1 OK
TA-6040 Discharge pressure/Oil temperature	2621100
	132
AD ANGEODIES	

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	99	A PARTY LAND	CONTRACTOR OF THE VEH	THE RESERVE OF THE PERSON NAMED IN COLUMN 1	TO THE DO	HIDRAN
T24	111			IIIVUUS SAAT VIII		
ST2	55	55	, a	.3		
RT2	X1- 75	40	+	2.5	350	
	X2- 75		N. 872 UE	E CONSTITUTE THE	THE RESERVE TO SERVE	THE RESERVE
MT2	75	90	+	1600	45	

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

	D:	T o	VI 0.
A CONTRACTOR OF THE PROPERTY O	Kive	r Info	
Circulators in operation	2A	2B	Roth
Screen house Recirc valve	position		%
Forebay Frozen?	YES	300	
Is there evidence of	If YES close off on the Screen house		C NO
Deicing water being	Recirc valve unti		
released to river?		one of the field was	
NOTE: If Descing is in and	etro = 41. /D 11		

Date: 7-11-24 Shift: N

Name: Bungst

Unit 2

Cooling Water Pump Discharge Pressure / Pumps in service Heat Exchanger Parallel Operation North and South	65-601A+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 1 100
Cooling Water Heat Exchanger Discharge Pressure North / South	56 158
Air In-leakage @ 2A / 2B Vacuum Pumps	8 18
Seal Water Temp @ 2A and 2B Vacuum Pumps	74 / 82
2B DA Pump Discharge Pressure	
2B DA Pump Bearing Lube Oil Pressure	346
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 1165
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 1 105
Condenser Inlet Pressure East / West	3 /3
Air Side/Gas Side Seal Oil Temperature	80 178
Hydrogen Dew Point / Hydrogen Purity	-8.8 198.8
Hydrogen Gas Pressure / Hydrogen Fan Pressure	59.61 73.8
Flyash Blower Pressure North/South	515
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 1418
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
1A-0040 Discharge pressure/On temperature	

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	90		CHIEROSE WAS		West 1922 - 11-22	ALEX.517838
T24	93	a - Williams in			Entra la	
ST2	55	5.5	+	2		Man Dais
RT2	X1- 86	70	+	1.5	450	
	X2- So		3.50 BUILDING		FEET PRINTS BY ST	
MT2	85	85	+	3	1700	SAME TO SECURE

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

	Rive		
Circulators in operation	2A	2B	Both
Screen house Recirc valve	position	0	%
Forebay Frozen?	YES	(NO)	
Is there evidence of	If YES close off or	the Screen house	(NO)
Deicing water being	Recirc valve unti		
released to river?			
MOTEL ICD .: .:	41 M 11		

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

81992 SBAC

2161 SUR

6537.664 PSMTI

Date: 112 24

Shift: Cly

Name: Jack

Unit 2

Unit 2	
Cooling Water Pump Discharge Pressure / Pumps in service	(05,60/both
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	109/110
Cooling Water Heat Exchanger Outlet Temperature North / South	99 /100
Cooling Water Heat Exchanger Discharge Pressure North / South	-3 1-8
Air In-leakage @ 2A / 2B Vacuum Pumps	5 15
Seal Water Temp @ 2A and 2B Vacuum Pumps	20 120
2B DA Pump Discharge Pressure	35
2B DA Pump Bearing Lube Oil Pressure	3-3
2A DA Pump Discharge Pressure	7.5
2A DA Pump Bearing Lube Oil Pressure	19600 2
MBFP/SUBFP Gland Water Pressure	790
Coupling Oil Pump Suction Pressure/Discharge Pressure	40.00/160
Coupling Oil Temperature	127
Turbine Oil Temperature	177
Turbine Oil Vapor Extractor Vacuum "H20	7
Condenser Inlet Temperature	80
Condenser Outlet Temperature East / West	100 1100
Condenser Inlet Pressure East / West	-900 3/3
Air Side/Gas Side Seal Oil Temperature	125 170
Hydrogen Dew Point / Hydrogen Purity	1-50 1929
Hydrogen Gas Pressure / Hydrogen Fan Pressure	59.6 177.3
Flyash Blower Pressure North/South	U 15
Precipitator Flyash hoppers in Bypass/Alarms in Bypass	001379
Supplemental Precip Flyash Blower Discharge Pressure	400000 PID
Supplemental Precip Flyash Hoppers in Bypass	
Kaydon System Pressure / Water Meter Reading	19192
All slag sluice handling equipment for MK2 has been inspected for	
proper operation and discrepancies have been reported.	
TA-6040 Discharge pressure/Oil temperature	750 1130
TRANSFORMERS	

TRANSFORMERS

WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	Nº PRESS	HVDDAN
87			Z IVER CIVE	METREON	HIDRAN
105					
55	50	—	7		
X1-75	65	-	1	CION	
X2-75				400	
70	(00	1	7.5	11-50	100
	87 105 55 X1- 75	87 105 55 50 X1-75 65	\$7 105 55 \$0 + X1-75 65 +	87 105 55 50 + 7 X1-75 65 +	87 105 55 SO + 7 X1-75 65 + 1 400

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

	Rive	er Info	
Circulators in operation	2A	2B	Both
Screen house Recirc valve	position		% CLDS08) *
Forebay Frozen?	YES	NO	700000
Is there evidence of Deicing water being	If YES close off o	on the Screen house til there is no flow.	NO)
released to river?	iteene vaive uni	in there is no now.	

Date: 7/3/24

Shift:

Name: Jak

Unit 2

Unit 2	
Cooling Water Pump Discharge Pressure / Pumps in service	65 601 A+B
Heat Exchanger Parallel Operation North and South	100,001,100
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	33 1-Q
Air In-leakage @ 2A / 2B Vacuum Pumps	17/10
Seal Water Temp @ 2A and 2B Vacuum Pumps	80 170
2B DA Pump Discharge Pressure	3.5
2B DA Pump Bearing Lube Oil Pressure	7.5
2A DA Pump Discharge Pressure	16
2A DA Pump Bearing Lube Oil Pressure	10
MBFP/SUBFP Gland Water Pressure	230
Coupling Oil Pump Suction Pressure/Discharge Pressure	ID III
Coupling Oil Temperature	120
Turbine Oil Temperature	1121
Turbine Oil Vapor Extractor Vacuum "H20	170
Condenser Inlet Temperature	30
Condenser Outlet Temperature East / West	100 11015
Condenser Inlet Pressure East / West	14 / 4
Air Side/Gas Side Seal Oil Temperature	125 /170
Hydrogen Dew Point / Hydrogen Purity	-44 S 1987
Hydrogen Gas Pressure / Hydrogen Fan Pressure	604 791
Flyash Blower Pressure North/South	1111/6/11
Precipitator Flyash hoppers in Bypass/Alarms in Bypass	137010
Supplemental Precip Flyash Blower Discharge Pressure	791,51,10
Supplemental Precip Flyash Hoppers in Bypass	
Kaydon System Pressure / Water Meter Reading	0 14187
All slag sluice handling equipment for MK2 has been inspected for	100
proper operation and discrepancies have been reported.	
TA-6040 Discharge pressure/Oil temperature	250 /187
TID ANGEODATED	

TRANSFORMERS

	TATES OF THE PARTY		TUALIST OR WIEL			
	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	27				INSTITUTION.	HIDIAN
T24	105				200 C	
ST2	35	50	+	1,5		
RT2	X1- 70	62	+	,5	MOD	
	X2- 70				32.5	
MT2	70	73	+	1.5	11000	

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

	Rive	r Info	
Circulators in operation	2A	2B	(Both)
Screen house Recire valve	position		% (1050)
Forebay Frozen?	YES	(NO)	1 CIOSCY
Is there evidence of Deicing water being released to river?	If YES close off or Recirc valve unt	the Screen house il there is no flow.	NO

Date	7/14/24
Date:	1 1

Shift: DAY

Name:		

Unit 2

Unit 2	
Cooling Water Pump Discharge Pressure / Pumps in service	65+601A+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	100 100
Cooling Water Heat Exchanger Discharge Pressure North / South	-3 1-8
Air In-leakage @ 2A / 2B Vacuum Pumps	617
Seal Water Temp @ 2A and 2B Vacuum Pumps	80 170
2B DA Pump Discharge Pressure	2,5
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	1317
Turbine Oil Temperature	130
Turbine Oil Vapor Extractor Vacuum "H20	3
Condenser Inlet Temperature	86/80
Condenser Outlet Temperature East / West	001100
Condenser Inlet Pressure East / West	414
Air Side/Gas Side Seal Oil Temperature	125/125
Hydrogen Dew Point / Hydrogen Purity	-46.1 128.5
Hydrogen Gas Pressure / Hydrogen Fan Pressure	60.4/81.1
Flyash Blower Pressure North/South	4.415
Precipitator Flyash hoppers in Bypass/Alarms in Bypass	0/13,6,79,10
Supplemental Precip Flyash Blower Discharge Pressure	
Supplemental Precip Flyash Hoppers in Bypass	
Kaydon System Pressure / Water Meter Reading	0 19178
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	255 /130

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	79.		Secretary of the Secretary			
T24	104					
ST2	55	50	i e	7		
RT2	X1- 75	65	+		9100	(DF)
	X2- 15					. (0
MT2	70	60	+	25	1600	

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

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

4-2	4
	4-2

Shift: N

Name: ERIK

Unit 2

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	110/10/10
Cooling Water Heat Exchanger Outlet Temperature North / South	100 1100
Cooling Water Heat Exchanger Discharge Pressure North / South	55 1
Air In-leakage @ 2A / 2B Vacuum Pumps	80917012
Seal Water Temp @ 2A and 2B Vacuum Pumps	80 170
2B DA Pump Discharge Pressure	2.535
2B DA Pump Bearing Lube Oil Pressure	2,3
2A DA Pump Discharge Pressure	25
2A DA Pump Bearing Lube Oil Pressure	12
MBFP/SUBFP Gland Water Pressure	255
Coupling Oil Pump Suction Pressure/Discharge Pressure	10 1155
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	1001100
Condenser Inlet Pressure East / West	-3 1+3
Air Side/Gas Side Seal Oil Temperature	125 1125
Hydrogen Dew Point / Hydrogen Purity	-411.619814
Hydrogen Gas Pressure / Hydrogen Fan Pressure	59,6179.5
Flyash Blower Pressure North/South	3.8 14.0
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	1

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	110-83					
T24	110					
ST2	50	50	+	2		
RT2	X1-72	70	1		400	
	X2-72					
MT2	GO	60	t	25	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	If YES close off on the Screen house Recirc valve until there is no flow.		(NQ
Deicing water being			
released to river?			



EOD - EA

Date: 7-14.34

Shift:

Name: POUTELL

Unit 2

Unit 2	
Cooling Water Pump Discharge Pressure / Pumps in service	150460/512A+2B
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	110 1110
Cooling Water Heat Exchanger Outlet Temperature North / South	100 1190
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	135
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	130
Turbine Oil Vapor Extractor Vacuum "H20	3
Condenser Inlet Temperature	10-80
Condenser Outlet Temperature East / West	100 1100
Condenser Inlet Pressure East / West	31.3
Air Side/Gas Side Seal Oil Temperature	127 1125
Hydrogen Dew Point / Hydrogen Purity	-32.11981
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	136710
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	244/13/

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	84			10000000000000000000000000000000000000		
T24	113					
ST2	53	50	+	2		
RT2	X1- 60	63	÷	1	400	
	X2- 66					
MT2	62	62	+	2.5	1600	

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

	Rive		
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?		the Screen house l there is no flow.	(NO)



EOD - EA

Unit 2	
Cooling Water Pump Discharge Pressure / Pumps in service	165+601 mth
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	101 /102
Cooling Water Heat Exchanger Discharge Pressure North / South	-3 /- W
Air In-leakage @ 2A / 2B Vacuum Pumps	5/6
Seal Water Temp @ 2A and 2B Vacuum Pumps	82 72
2B DA Pump Discharge Pressure	35
2B DA Pump Bearing Lube Oil Pressure	11
2A DA Pump Discharge Pressure	2.5
2A DA Pump Bearing Lube Oil Pressure	500
MBFP/SUBFP Gland Water Pressure	290
Coupling Oil Pump Suction Pressure/Discharge Pressure	11/1/2
Coupling Oil Temperature	130
Turbine Oil Temperature	13.0
Turbine Oil Vapor Extractor Vacuum "H20	77
Condenser Inlet Temperature	80
Condenser Outlet Temperature East / West	100 /100
Condenser Inlet Pressure East / West	1 1 1
Air Side/Gas Side Seal Oil Temperature	137 /175
Hydrogen Dew Point / Hydrogen Purity	-11. 107.8
Hydrogen Gas Pressure / Hydrogen Fan Pressure	59.7 / 83.7
Flyash Blower Pressure North/South	43 130
Precipitator Flyash hoppers in Bypass/Alarms in Bypass	13 C 79 ID
Supplemental Precip Flyash Blower Discharge Pressure	13
Supplemental Precip Flyash Hoppers in Bypass	7
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.	
TA-6040 Discharge pressure/Oil temperature	248 /122
TID A NOTION AT THE CO	

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	38	THE STATE OF THE S	THE STATE OF STREET			CE DESCRIPTION
T24	116	的原件 3KY 9房9				
ST2	50	60	+	3		
RT2	X1- 70	70	1	7.5	400	
	X2- 7				THE OWNER OF THE OWNER OWNER OF THE OWNER	
MT2	70	70	+	3,5	1606	1700

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

	Rive	r Info	1.94.974	
Circulators in operation	2A	2B	Both	
Screen house Recirc valve	position	10	%CIDIA	-
Forebay Frozen?	YES	NO	1	of the s
Is there evidence of	If YES close off or	the Screen hous	e NO	
Deicing water being released to river?	Recirc valve unt			
NOTE: If Deleter !:	41 75 11			

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

K:\Merrimack Station\MK OPS\Log Sheets\Round Sheets\EOD Readings Unit 1&2.doc

Date: 7116174

EOD - EA

Name: Jade Croissant

Unit 2

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	98 100
Cooling Water Heat Exchanger Discharge Pressure North / South	-2 1-10
Air In-leakage @ 2A / 2B Vacuum Pumps	9 17
Seal Water Temp @ 2A and 2B Vacuum Pumps	80 170
2B DA Pump Discharge Pressure	3.5
2B DA Pump Bearing Lube Oil Pressure	i
2A DA Pump Discharge Pressure	25
2A DA Pump Bearing Lube Oil Pressure	1
MBFP/SUBFP Gland Water Pressure	290
Coupling Oil Pump Suction Pressure/Discharge Pressure	10 1155
Coupling Oil Temperature	130
Turbine Oil Temperature	130
Turbine Oil Vapor Extractor Vacuum "H20	29
Condenser Inlet Temperature	90
Condenser Outlet Temperature East / West	100 /100
Condenser Inlet Pressure East / West	414
Air Side/Gas Side Seal Oil Temperature	1381125
Hydrogen Dew Point / Hydrogen Purity	-29,4197.7
Hydrogen Gas Pressure / Hydrogen Fan Pressure	59518511
Flyash Blower Pressure North/South	4 15
Precipitator Flyash hoppers in Bypass/Alarms in Bypass	137910
Supplemental Precip Flyash Blower Discharge Pressure	M
Supplemental Precip Flyash Hoppers in Bypass	Ü
Kaydon System Pressure / Water Meter Reading	() 14BZ
All slag sluice handling equipment for MK2 has been inspected for	level rises 2-3in. above setpoint
proper operation and discrepancies have been reported.	above setpoint
TA-6040 Discharge pressure/Oil temperature	254/132

TRANSFORMERS

WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
86		The Water of the State of		KEN MULE PURE	
110	THE PARTY OF THE P	WANTED BUX DE			Parties of the
(00)	60	+	1		TO THE SENSE
X1- 70	70	1		VOO	THE RESEARCH PROPERTY
X2- 10					
70	75	+	7.6	11600	
	%6 (0 X1- 70	10 10 10 X1- 70 70	10	10	10

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

THE CONTRACTOR SHARE THE PROPERTY OF THE PARTY ASSESSED.	The second secon					
	Rive	r 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?		the Screen house il there is no flow.	NO			

			EOD - EA				
	7/17/24		EOD - EA				
Date:	11124	Shift:		Name:			
			**				
Coolin	ng Water Pump	Disahanga Paa	Unit 2 essure / Pumps i			10	/ D . D . D .
He	at Exchanger P	arallol Operati	ion North ar	n service		65tl	00 / BOW
Coolin	ng Water Heat I	Evenenger Inlo	+ Tomporeture		. 1	11/	117
Coolin	ng Water Heat I	Exchanger Out	let Temperature	North / Source North / Source		110	1116
Coolin	g Water Heat I	Exchanger Disc	charge Pressure	North/Sou		100	1100
Air In	-leakage @ 2A /	2B Vacuum Pu	mne	North / Sou	tn	Z-	110
Seal V	Vater Temp @ 2.	A and 2B Vacu	um Pumne			5	180
2B DA	Pump Dischar	ge Pressure	am r umps			-10	3.5
	Pump Bearing		Silre				3.5
2A DA	Pump Dischar	ge Pressure	built				7.5
2A DA	Pump Bearing	Lube Oil Pres	Sure				1:3
MBFP	/SUBFP Gland	Water Pressur	e				230
			e/Discharge Pr	PESITO		16) 1155
Coupl	ing Oil Temper	ature	o. Diocharge 11	cssure			30
	ne Oil Tempera					1	30
	ne Oil Vapor Ex		m "H20	-		7	
	nser Inlet Tem						50
Conde	nser Outlet Te	mperature Eas	t / West			10	0 100
Conde	nser Inlet Pres	sure East / Wes	st			u	14
Air Sie	de/Gas Side Sea	l Oil Temperat	ture			12	5/05
Hydro	gen Dew Point	/ Hydrogen Pu	rity		- 4	-10	9 1975
Hydro	gen Gas Pressu	re / Hydrogen	Fan Pressure			FO	7/015
Flyash	ı Blower Pressı	ire North/Sout	h			y	13
Precip	itator Flyash h	oppers in Bypa	ass/Alarms in B	vpass		100	7 900
Supple	emental Precip	Flyash Blower	r Discharge Pre	ssure		119	D' 1/A
Supple	emental Precip	Flyash Hopper	rs in Bypass			e	7
Kaydo	n System Press	sure / Water Me	eter Reading			()	14182
All sla	g sluice handli	ng equipment f	for MK2 has bee	n inspected for	r		
proper	r operation and	discrepancies	have been repe	orted.			\checkmark
TA-604	10 Discharge pr	essure/Oil tem	perature			25	3 / 180
	IIID C MUIST		RANSFORMER				
OUNT	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PR	ESS	HYDRAN
2TX	957 WS					VY	
T24 ST2	60					DEW.	
RT2	X1-7(2	45	+	4	uno		
1 1014	L 43.1" // /	10.7	II 🚣	1 (14/11/	<u> </u>	

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	957		1 A C 2 T 20 T 24 2 T		N2 TREBOS	HIDRAN
T24	WG			Marie Warris Arriv		
ST2	60	55	+	7		
RT2	X1-70	65	+	IC	400	
	X2- 70		Sales Extends	MANAGEMENT NO	Contract of the last of the la	S PROJECT OF THE PROPERTY OF
MT2	10	60	+	1.5	VAY	

	Rive	er Info	MEDICAL TOTAL
Circulators in operation	2A	2B	Both
Screen house Recirc valve	position		% 01000
Forebay Frozen?	YES	NO	COUSCO
Is there evidence of	If YES close off or	n the Screen house	(NO
Deicing water being		il there is no flow.	110
released to river?		011010 15 110 110W.	

EOD - EA

Date: 71924

Shift:

Name:

Unit 2

Unit 2	
Cooling Water Pump Discharge Pressure / Pumps in service	BS 12A
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	20 190
Cooling Water Heat Exchanger Outlet Temperature North / South	97 1981
Cooling Water Heat Exchanger Discharge Pressure North / South	0 1-3
Air In-leakage @ 2A / 2B Vacuum Pumps	1
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 1131)
Coupling Oil Temperature	10 100
Turbine Oil Temperature	
Turbine Oil Vapor Extractor Vacuum "H20	7-
Condenser Inlet Temperature	710
Condenser Outlet Temperature East / West	20 /20
Condenser Inlet Pressure East / West	U / IA
Air Side/Gas Side Seal Oil Temperature	
Hydrogen Dew Point / Hydrogen Purity	- 444,977
Hydrogen Gas Pressure / Hydrogen Fan Pressure	50 810
Flyash Blower Pressure North/South	3.5 141
Precipitator Flyash hoppers in Bypass/Alarms in Bypass	13 67910
Supplemental Precip Flyash Blower Discharge Pressure	10,011110
Supplemental Precip Flyash Hoppers in Bypass	Ď
Kaydon System Pressure / Water Meter Reading	0 141m
All slag sluice handling equipment for MK2 has been inspected for	11/4
proper operation and discrepancies have been reported.	
TA-6040 Discharge pressure/Oil temperature	190
TRANSFORMERS	

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	n.		Will Value William		THE SHOPPING YEAR	ACCOUNT NAME OF THE OWNER.
T24	84		0.000			
ST2	55'	50	+			
RT2	X1- 25	25			190	
	X2- 75				12 San 18 18 18 18 18 18 18 18 18 18 18 18 18	200 2000 2000
MT2	45	45	1		1600	

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

	Rive	er Info	
Circulators in operation	2A	2B	Both
Screen house Recirc valve	position	0.5	%
Forebay Frozen?	YES	NO	SULTER STREET
Is there evidence of	If YES close off o	n the Screen house	NO
Deicing water being		il there is no flow.	
released to river?			
MODES FOR A A			

Date: 08 02/24

Shift: NIGH

Name: Croissant

Unit 2

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	Q2100-1102
Cooling Water Heat Exchanger Outlet Temperature North / South	95 / 100099
Cooling Water Heat Exchanger Discharge Pressure North / South	-5 /- U.
Air In-leakage @ 2A / 2B Vacuum Pumps	10 / 8
Seal Water Temp @ 2A and 2B Vacuum Pumps	110 / 170
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	4
Condenser Inlet Temperature	778
Condenser Outlet Temperature East / West	104 /102
Condenser Inlet Pressure East / West	414
Air Side/Gas Side Seal Oil Temperature	125 /120
Hydrogen Dew Point / Hydrogen Purity	-30.9 /98.1
Hydrogen Gas Pressure / Hydrogen Fan Pressure	49.6/73.2
Flyash Blower Pressure North/South	5/10
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	0-14182
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 1106
TRANSFORMERS	

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX,	36					
T24	107					We state the
ST2	55	55	+	2.5		Ship and the
RT2	X1- SD	55	+	Ч	1900	1000

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

	Rive	er Info	. \
Circulators in operation	2A	2B	Both)
Screen house Recirc valve	position	OWSED	%
Forebay Frozen?	YES	NO	
Is there evidence of	If YES close off o	n the Screen house	NO)
Deicing water being	Recirc valve unt		
released to river?			

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

50R:2187 SBAC-84049

1500

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

Unit 2 Cooling Water Pump Discharge Pressure / Pumps in service BOTH 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 50 Air In-leakage @ 2A / 2B Vacuum Pumps 0 Seal Water Temp @ 2A and 2B Vacuum Pumps 40 2B DA Pump Discharge Pressure 2B DA Pump Bearing Lube Oil Pressure 2A DA Pump Discharge Pressure 400 2A DA Pump Bearing Lube Oil Pressure MBFP/SUBFP Gland Water Pressure 300 Coupling Oil Pump Suction Pressure/Discharge Pressure 10 1160 Coupling Oil Temperature 125 Turbine Oil Temperature 25 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 o k proper operation and discrepancies have been reported.

TRANSFORMERS

748 1176

TA-6040 Discharge pressure/Oil temperature

WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
76			S Sensin Water	TALL TREES	TITI TOTAL
103					
50	50	7	1.6	S.V. 1883 S.S. 11 You	
X1- 65	100	+	1	1750	
X2- 65				1216	
70	78	7	3.5	1300	
	76 103 50 X1- 65	76 103 50 50 X1-65 100	76 103 50 50 t X1-65 600 t	76 103 50 50 + 1.5 X1-65 100 + 1	76 103 50 50 + 1.5 X1-65 60 + 1 1750

Note: When N2 bottle is 300 psi or lower, notify WFO. River Info Circulators in operation 2A2BBoth Screen house Recirc valve position 0 % Forebay Frozen? NO YES Is there evidence of If YES close off on the Screen house NO) Deicing water being Recirc valve until there is no flow. released to river?

Date:	1-26-24

	h	
Shift:	1)	

100
PIB

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	N2 PRESS	HYDRAN
2TX				None of the second	
T24		TO ENDONE AND IN			
ST2					Skot de Stati, Auto
RT2	X1-				
	X2-				
MT2				TURO	

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

	Rive	r Info	The second second
Circulators in operation	2A	(2B)	Both
Screen house Recirc valve	position	0	%
Forebay Frozen?	YES	NOS	
Is there evidence of	If YES close off or	the Screen house	NO
Deicing water being	Recirc valve unt	il there is no flow.	
released to river?		saroons are to be run	

Date: /	1	-2	7	-	2	4
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Shift:	1)	
CILLIA		_

	10	
Name: _	H	

Unit 2	1 2 2 1/1 4
Cooling Water Pump Discharge Pressure / Pumps in service	651ZA
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	68 168
Cooling Water Heat Exchanger Outlet Temperature North / South	56 160
Cooling Water Heat Exchanger Discharge Pressure North / South	55 155
Air In-leakage @ 2A / 2B Vacuum Pumps	12 114
Seal Water Temp @ 2A and 2B Vacuum Pumps	68 158
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	7-5
MBFP/SUBFP Gland Water Pressure	325
Coupling Oil Pump Suction Pressure/Discharge Pressure	10 1 /60
Coupling Oil Temperature	(10
Turbine Oil Temperature	100
Turbine Oil Vapor Extractor Vacuum "H20	
Condenser Inlet Temperature	42
Condenser Outlet Temperature East / West	5/ 157
Condenser Inlet Pressure East / West	419
Air Side/Gas Side Seal Oil Temperature	102195
Hydrogen Dew Point / Hydrogen Purity	-10381100
Hydrogen Gas Pressure / Hydrogen Fan Pressure	5921741
Flyash Blower Pressure North/South	6,118.0
Precipitator Flyash hoppers in Bypass/Alarms in Bypass	- 4, 7
Supplemental Precip Flyash Blower Discharge Pressure	3.2
Supplemental Precip Flyash Hoppers in Bypass	/ //
Kaydon System Pressure / Water Mete ding	6 1421
All slag sluice handling equipment for but 2 has been inspected for	ork
proper operation and discrepancies have been reported.	1 11 11 11 11 11 11 11 11 11 11 11 11 1
TA-6040 Discharge pressure/Oil temperature	150.21 113

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	52				TO STREET, STR	
T24	107					
ST2	35	35	_			MANAGE MANAGE AND STATE OF THE
RT2	X1- 45	40	-	3	400	THE RESERVE OF THE PARTY OF THE
Sirgil w	X2- 45		POTE TO A STATE OF THE STATE OF			
MT2	60	60	+	4.5	/85 <i>O</i>	

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

	River Info		Post in the second
Circulators in operation	2A	$2\mathrm{B}_{\searrow}$	Both
Screen house Recirc valve	position	R	%
Forebay Frozen?	YES	(NO)	
Is there evidence of Deicing water being	If YES close off on the Screen house Recirc valve until there is no flow.		CNO.

Date: 27NOV24 Shift: 1

Name: LOWELL

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
Seal Water Temp @ 2A and 2B vacuum rumps	410
2B DA Pump Discharge Pressure	4,5
2B DA Pump Bearing Lube Oil Pressure	450
2A DA Pump Discharge Pressure	3
2A DA Pump Bearing Lube Oil Pressure	300
MBFP/SUBFP Gland Water Pressure	10 1170
Coupling Oil Pump Suction Pressure/Discharge Pressure	110
Coupling Oil Temperature	100
Turbine Oil Temperature	2
Turbine Oil Vapor Extractor Vacuum "H20	40
Condenser Inlet Temperature	4 14
Condenser Outlet Temperature East / West	-4 1-4
Condenser Inlet Pressure East / West	105 195
Air Side/Gas Side Seal Oil Temperature	-8731100
Hydrogen Dew Point / Hydrogen Purity	59.2174.5
Hydrogen Gas Pressure / Hydrogen Fan Pressure	51.616
Flyash Blower Pressure North/South	No. 02/37/16
Precipitator Flyash hoppers in Bypass/Alarms in Bypass	3.4
Supplemental Precip Flyash Blower Discharge Pressure	NONE
Supplemental Precip Flyash Hoppers in Bypass	0 14210
Waydon System Pressure / Water Meter Reading	
All slag sluice handling equipment for MK2 has been inspected for	YES
proper operation and discrepancies have been reported.	195.4 1118.3
TA-6040 Discharge pressure/Oil temperature	19314 1118.3
TID A NICEODMED C	The state of the s

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	56					
T24	NO READING	Charles And London				
ST2	35	35		0	C00	
RT2	X1- 45	40			500	TO STREET &
A WHATEN	X2- 45				1000	STATE STATE
MT2	6400	6-5	- T	-3, 5	WEO	The second second

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

	River Info			The second
Circulators in operation	2A	2B	-	Both'
Screen house Recirc valve	position	0	%	Carrier Wal
Forebay Frozen?	YES	(NO'		(Na)
Is there evidence of If YES close off of		the Screen house		(NO)
Deicing water being	Recirc valve until there is no flow.			~
1 14	amagg the Traveling		<u> </u>	

Date:	11-98-9	4

Shift:	

	$\bowtie \circ \circ$
Name:	$\mathcal{C}\mathcal{M}$

CHI 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 / 70
Cooling Water Heat Exchanger Outlet Temperature North / South	60 / 55
Cooling Water Heat Exchanger Discharge Pressure North / South	55 1 55
Air In-leakage @ 2A / 2B Vacuum Pumps	1
Seal Water Temp @ 2A and 2B Vacuum Pumps	30 1 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 1 50
Condenser Inlet Pressure East / West	414
Air Side/Gas Side Seal Oil Temperature	160/118
Hydrogen Dew Point / Hydrogen Purity	-90.7/14.4
Hydrogen Gas Pressure / Hydrogen Fan Pressure	1503/30
Flyash Blower Pressure North/South	5.315.7
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	15 14210
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	

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX		四元 从生活上的				
T24	40					
ST2	50	35		1		
RT2	X1- 50	40	25		400	
AT THE W	X2- 50					
MT2	50	50	25	2	1000	

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

	Rive	r 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

Date:	11-29-24	

Shift: FOD - EA

Name: AP

Unit 2

Unit 2	112 . 31
Cooling Water Pump Discharge Pressure / Pumps in service	65 1 ZA
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	68 169
Cooling Water Heat Exchanger Outlet Temperature North / South	56 158
Cooling Water Heat Exchanger Discharge Pressure North / South	55 155
Air In-leakage @ 2A / 2B Vacuum Pumps	12/17
Seal Water Temp @ 2A and 2B Vacuum Pumps	51 151
2B DA Pump Discharge Pressure	450
2B DA Pump Bearing Lube Oil Pressure	
2A DA Pump Discharge Pressure	410
2A DA Pump Bearing Lube Oil Pressure	4,5
MBFP/SUBFP Gland Water Pressure	750
Coupling Oil Pump Suction Pressure/Discharge Pressure	10 1/68
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	57 151
Condenser Inlet Pressure East / West	4 14
Air Side/Gas Side Seal Oil Temperature	107 176
Hydrogen Dew Point / Hydrogen Purity	-87.5799.7
Hydrogen Gas Pressure / Hydrogen Fan Pressure	60.4116.7
Flyash Blower Pressure North/South	4,414.7
Precipitator Flyash hoppers in Bypass/Alarms in Bypass	3.6,7,9,
Supplemental Precip Flyash Blower Discharge Pressure	3.5
Supplemental Precip Flyash Hoppers in Bypass	111-
Kaydon System Pressure / Water Meter Reading	0 14215
All slag sluice handling equipment for MK2 has been inspected for	OU
proper operation and discrepancies have been reported.	120 8 117
TA-6040 Discharge pressure/Oil temperature	138.9117

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	55	20 3 6 Belle - 160				
T24						
ST2	35	35		1	1/00	85 5 4 3 W
RT2	X1- 50	40	+	0.00	400	THE COLUMN TWO IS NOT
	X2- 50			Marking Transport	960	
MT2	100	60	<u> </u>	3.5	750	THE REAL PROPERTY.

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?	Recirc valve unti	the Screen house l there is no flow.	(NO)

Date: 1	129	124
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Shift: _	A	Nisht
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Name: /2//

Unit 2

Unit 2	
Cooling Water Pump Discharge Pressure / Pumps in service	6512A
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	70170
Cooling Water Heat Exchanger Outlet Temperature North / South	55155
Cooling Water Heat Exchanger Discharge Pressure North / South	70170
Air In-leakage @ 2A / 2B Vacuum Pumps	
Seal Water Temp @ 2A and 2B Vacuum Pumps	50150
2B DA Pump Discharge Pressure	375
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	1011700
Coupling Oil Temperature	+70° 110
Turbine Oil Temperature	1/0
Turbine Oil Vapor Extractor Vacuum "H20	2.5
Condenser Inlet Temperature	*
Condenser Outlet Temperature East / West	-101-10
Condenser Inlet Pressure East / West	414
Air Side/Gas Side Seal Oil Temperature	105061 \$100
Hydrogen Dew Point / Hydrogen Purity	79.91 99.8
Hydrogen Gas Pressure / Hydrogen Fan Pressure	59.6174.8
Flyash Blower Pressure North/South	4.514.5
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	014216
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	30					
ST2	35	30	_	0		
RT2	X1- 45	40	25		400	0
	X2- 45					
MT2	65	60	005	3	100	

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

	River	r Info	
Circulators in operation	2A	2B	Both
Screen house Recirc valve	position		%
Forebay Frozen?	YES	NO	LETTER CONTRACTOR
Is there evidence of Deicing water being released to river?		the Screen house l there is no flow.	NO

Date:	1	.30	-74
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Shift:	N	
CITTLE V.		

Name: MS

Unit 2

Unit 2	46
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	70 165
Cooling Water Heat Exchanger Outlet Temperature North / South	60 155
Cooling Water Heat Exchanger Discharge Pressure North / South	55 / 55
Air In-leakage @ 2A / 2B Vacuum Pumps	1
Seal Water Temp @ 2A and 2B Vacuum Pumps	50 150
2B DA Pump Discharge Pressure	4.5
2B DA Pump Bearing Lube Oil Pressure	\checkmark
2A DA Pump Discharge Pressure	5
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	52 150
Condenser Inlet Pressure East / West	4314
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	
Precipitator Flyash hoppers in Bypass/Alarms in Bypass	3456,7
Supplemental Precip Flyash Blower Discharge Pressure	4.1
Supplemental Precip Flyash Hoppers in Bypass	
Kaydon System Pressure / Water Meter Reading	25 14210
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	141 1117

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	If YES close off on the Screen house Recirc valve until there is no flow.		NO	
Deicing water being released to river?	Recirc valve unti	il there is no flow.		

Date:	12224	
Date	/ /	

hift:

Name: _____

Unit 2

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	56 156
Cooling Water Heat Exchanger Discharge Pressure North / South	55 1 60
Air In-leakage @ 2A / 2B Vacuum Pumps	10/10
Seal Water Temp @ 2A and 2B Vacuum Pumps	1050150
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	95 155
Condenser Inlet Pressure East / West	3.5 /3.5
Air Side/Gas Side Seal Oil Temperature	100 198
Hydrogen Dew Point / Hydrogen Purity	-89 199
Hydrogen Gas Pressure / Hydrogen Fan Pressure	60.8 177.9
Flyash Blower Pressure North/South	4.2 15.0
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	<u> </u>	6		
RT2	X1- 42	38			300	
	X2- 42					
MT2	105	60	+	93	900	

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

	River Info 2A 2B		
Circulators in operation			Both
Screen house Recirc valve	position	0	₹ %
Forebay Frozen?	YES	(NO	
Is there evidence of Deicing water being released to river? NOTE: If Deicing is in pr	Recirc valve unt	the Screen house il there is no flow.	NO

Date:	12-3	ny
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Shi	P.		
Shi	11.		

Unit 2	
Cooling Water Pump Discharge Pressure / Pumps in service	4512A
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	701 60
Cooling Water Heat Exchanger Outlet Temperature North / South	557 55
Cooling Water Heat Exchanger Discharge Pressure North / South	531 50
Air In-leakage @ 2A / 2B Vacuum Pumps	730 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	75
Coupling Oil Pump Suction Pressure/Discharge Pressure	10 1168
Coupling Oil Temperature	110%
Turbine Oil Temperature	100%
Turbine Oil Vapor Extractor Vacuum "H20	2.5
Condenser Inlet Temperature	581
Condenser Outlet Temperature East / West	1
Condenser Inlet Pressure East / West	50150
Air Side/Gas Side Seal Oil Temperature	1021 98
Hydrogen Dew Point / Hydrogen Purity	-67.51 99.4
Hydrogen Gas Pressure / Hydrogen Fan Pressure	60.4 177.6
Flyash Blower Pressure North/South	Och 91 05.5
Precipitator Flyash hoppers in Bypass/Alarms in Bypass	
Supplemental Precip Flyash Blower Discharge Pressure	66.87
Supplemental Precip Flyash Hoppers in Bypass	
Kaydon System Pressure / Water Meter Reading	@ 14276
All slag sluice handling equipment for MK2 has been inspected for	425
proper operation and discrepancies have been reported.	
TA-6040 Discharge pressure/Oil temperature	155.11 60

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	0.57					
T24	800				A STATE	
ST2	Til	40	25	1		
RT2	X1- 5'0	40	25	19	300	
	X2- 50					
MT2	20	6.6	1 6	3	1010	

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 18	%	
Forebay Frozen?	YES	(NO		
Is there evidence of Deicing water being released to river?	Recirc valve unt	n the Screen house il there is no flow.	NO	

Date: 12/3/24

Shift:

Name: ATAS

Unit 2

Unit 2	
Cooling Water Pump Discharge Pressure / Pumps in service	2A 164
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	70 1 70
Cooling Water Heat Exchanger Outlet Temperature North / South	60 1 57
Cooling Water Heat Exchanger Discharge Pressure North / South	58 160
Air In-leakage @ 2A / 2B Vacuum Pumps	+
Seal Water Temp @ 2A and 2B Vacuum Pumps	50 150
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 1/70
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 / 57
Condenser Inlet Pressure East / West	414
Air Side/Gas Side Seal Oil Temperature	105/100
Hydrogen Dew Point / Hydrogen Purity	5913 1 99
Hydrogen Gas Pressure / Hydrogen Fan Pressure	6) 178.7
Flyash Blower Pressure North/South	5.1 136
Precipitator Flyash hoppers in Bypass/Alarms in Bypass	3,4,5,1,7
Supplemental Precip Flyash Blower Discharge Pressure	1.8
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	
TO ANGEODIATED O	

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX					ALL WAS TRIVI	
T24	085	THE WAS A STATE OF				
ST2	40	38	-7.5	0		
RT2	X1- 50	40	2.5	1	250	
	X2- 50					
MT2	60	60	25	2	1100	

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

	River	r Info	
Circulators in operation	(2A)	(2B)	Both
Screen house Recirc valve	position		% O
Forebay Frozen?	YES	NO)	
Is there evidence of Deicing water being released to river?	1	the Screen house l there is no flow.	NO

	12/5/20	
Date:	1-10/24	

	1)	
Shift:		

Name:	4

Unit 2	-
Cooling Water Pump Discharge Pressure / Pumps in service	65 1 2 A
Hoot Eychanger Parallel Operation North and South	
Casting Water Heat Eychanger Inlet Temperature North / South	64 1 64
Cooling Water Heat Exchanger Outlet Temperature North / South	55 1 58
Cooling Water Heat Exchanger Discharge Pressure North / South	58 1 58
Air In-leakage @ 2A / 2B Vacuum Pumps	7 6
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	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	102°F
Turbine Oil Vapor Extractor Vacuum "H20	2
Condenser Inlet Temperature	6606
Condenser Outlet Temperature East/West	400A 52°F
Condenser Inlet Pressure East / West	58152
Air Side/Gas Side Seal Oil Temperature	1221 108
Hydrogen Dew Point / Hydrogen Purity	-56.6H 99.2
Hydrogen Gas Pressure / Hydrogen Fan Pressure	do.11 78.
Flyash Blower Pressure North/South	0.67 04.0
Precipitator Flyash hoppers in Bypass/Alarms in Bypass	NO
Supplemental Precip Flyash Blower Discharge Pressure	05.1
Supplemental Precip Flyash Hoppers in Bypass	NO
Waydon System Pressure / Water Meter Reading	0 14236
All slag sluice handling equipment for MK2 has been inspected for	V
proper operation and discrepancies have been reported.	7
TA-6040 Discharge pressure/Oil temperature	1.8 19504
LICEODATIDC	

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	0.59					
T24	80.		Property of the second			
ST2	40	40	neg			CONTRACTOR OF THE PARTY OF THE
RT2	X1- 42	39	250		300	
	X2- 42					
MT2	50	75	27	2 1 notific	/	

Note: When N2 bottle is 300 psi or lower, notify WFO. River Info Both 2BCirculators in operation 0 % Screen house Recirc valve position NO YES Forebay Frozen? NO If YES close off on the Screen house Is there evidence of Recirc valve until there is no flow. Deicing water being released to river?

Date:	12	-5	-2	4

Shift:	\mathcal{N}	
OTITIES.	, –	

Name: MB

Unit 2

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	55 152
Cooling Water Heat Exchanger Discharge Pressure North / South	55 / 55
Air In-leakage @ 2A / 2B Vacuum Pumps	50 150
Seal Water Temp @ 2A and 2B Vacuum Pumps	50.150.
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	
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	60150
Condenser Inlet Pressure East / West	414
Air Side/Gas Side Seal Oil Temperature	160/110
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	3.3.3.6,7,8,9
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				CHEST CAND		
T24						
ST2	40	30	25-	2		
RT2	X1- 50	40	25	2	300	
	X2- 50					
MT2	70	70	254	4	loop	

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)	在19世界中,北京大学中国美国新疆
Is there evidence of	If YES close off on the Screen house		NO
Deicing water being released to river?	Recirc valve until there is no flow.		

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

	1/1/20
Date:	12+614

Shift:

Name: papas

Unit 2

Unit 2	1
Cooling Water Pump Discharge Pressure / Pumps in service	HO DA
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	68 1 70
Cooling Water Heat Exchanger Outlet Temperature North / South	57 1 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 1 60
2B DA Pump Discharge Pressure	4.65
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	235
Coupling Oil Pump Suction Pressure/Discharge Pressure	10/170
Coupling Oil Temperature	110
Turbine Oil Temperature	108
Turbine Oil Vapor Extractor Vacuum "H20	2 \
Condenser Inlet Temperature	40 3
Condenser Outlet Temperature East / West	56 1.52
Condenser Inlet Pressure East / West	4.5 14-5
Air Side/Gas Side Seal Oil Temperature	105 110
Hydrogen Dew Point / Hydrogen Purity	68.71 99.1
Hydrogen Gas Pressure / Hydrogen Fan Pressure	59.1179.9
Flyash Blower Pressure North/South	6.5 15.4
Precipitator Flyash hoppers in Bypass/Alarms in Bypass	345,67
Supplemental Precip Flyash Blower Discharge Pressure	6.0
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.	V (- / (-
TA-6040 Discharge pressure/Oil temperature	off off
	3140

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	54				A CONTRACTOR	
T24	025		国际企业的工作的			
ST2	40	38	1	d		
RT2	X1-: 41	28	_	1-	300	
	X2- 41	Treatment of the second		SHOP SHOP SHOP		
MT2	Zo	60	+	- 3	1000	Marking Co.

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

	River Info		
Circulators in operation			Both
Screen house Recirc valve	position		% 0
Forebay Frozen?	YES	NØ	
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

Date: /	2	,	6	-24
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	. /
Shift:	X

	10	
Name:	A	

Unit 2	
Cooling Water Pump Discharge Pressure / Pumps in service	65 1ZA
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	68 169
Cooling Water Heat Exchanger Outlet Temperature North / South	55 158
Cooling Water Heat Exchanger Discharge Pressure North / South	55 155
Air In-leakage @ 2A / 2B Vacuum Pumps	
Seal Water Temp @ 2A and 2B Vacuum Pumps	50 150
2B DA Pump Discharge Pressure	3.75
2B DA Pump Bearing Lube Oil Pressure	4.5
2A DA Pump Discharge Pressure	465
2A DA Pump Bearing Lube Oil Pressure	2
MBFP/SUBFP Gland Water Pressure	250
Coupling Oil Pump Suction Pressure/Discharge Pressure	10 1170
Coupling Oil Temperature	110
Turbine Oil Temperature	100
Turbine Oil Vapor Extractor Vacuum "H20	2,/
Condenser Inlet Temperature	35
Condenser Outlet Temperature East / West	56152
Condenser Inlet Pressure East / West	4 14
Air Side/Gas Side Seal Oil Temperature	102 1/05
Hydrogen Dew Point / Hydrogen Purity	-54.1, 199.1
Hydrogen Gas Pressure / Hydrogen Fan Pressure	59.0180.2
Flyash Blower Pressure North/South	4,514,4
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	16 (1/22)
Kaydon System Pressure / Water Meter Reading	15 14236
All slag sluice handling equipment for MK2 has been inspected for	81
proper operation and discrepancies have been reported.	0001117
TA-6040 Discharge pressure/Oil temperature	250///
7~ 86	1001.5

	88066	T	RANSFORME	RS Zz	85 69	65
	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	56					
T24			A STANDARD STANDARD			Carl Constant
ST2	35	30	~	,5		
RT2	X1- 45	35			300	Marie Control
	X2- 45					Par II (XIX.)
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?	Recirc valve unt	the Screen house il there is no flow.	NO

Date:	12-7
Date.	

Shift:

Name: Petros

Unit 2

Unit 2	
Cooling Water Pump Discharge Pressure / Pumps in service	2A 1 66
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	36 1 36
Cooling Water Heat Exchanger Outlet Temperature North / South	37 / 37
Cooling Water Heat Exchanger Discharge Pressure North / South	50 150
Air In-leakage @ 2A / 2B Vacuum Pumps	- 1 -
Seal Water Temp @ 2A and 2B Vacuum Pumps	91-
2B DA Pump Discharge Pressure	10
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 1 150
Coupling Oil Temperature	7
Turbine Oil Temperature	108
Turbine Oil Vapor Extractor Vacuum "H20	2
Condenser Inlet Temperature	
Condenser Outlet Temperature East / West	3Z 133
Condenser Inlet Pressure East / West	1 1 1
Air Side/Gas Side Seal Oil Temperature	20 / 20
Hydrogen Dew Point / Hydrogen Purity	BI.S / 19.1
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 1 4230
All slag sluice handling equipment for MK2 has been inspected for	
proper operation and discrepancies have been reported.	<u> </u>
TA-6040 Discharge pressure/Oil temperature	/
TRANSFORMERS	

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	48			ASB SILE		
T24						使用。 股份國
ST2	30	30	_	Ö		
RT2	X1- 35	35	•		300	
William C	X2- 35					
MT2	45	40	1	1-5	leco	

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

River	Info 🥿	
2A	(2B)\	Both
position		%
YES	NOX	
Tr.		NO
	position YES If YES close off on	position

Date:	12-1-24

Shift.		
Shift		

Name:	
TIMETTO	

Unit 2	
Cooling Water Pump Discharge Pressure / Pumps in service	A 1 64
Heat Exchanger Parallel Operation North and South	BANN TO THE STATE OF THE STATE
Cooling Water Heat Exchanger Inlet Temperature North / South	64 1 65
Cooling Water Heat Exchanger Outlet Temperature North / South	36 56
Cooling Water Heat Exchanger Discharge Pressure North / South	46 / 50
Air In-leakage @ 2A / 2B Vacuum Pumps	- 1 -
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	10 1/68
	110
Coupling Oil Temperature Turbine Oil Temperature	108
Turbine Oil Vapor Extractor Vacuum "H20	12
Condenser Inlet Temperature	54 / 53
Condenser Outlet Temperature East / West Condenser Inlet Pressure East / West	36134
	105 1 100
Air Side/Gas Side Seal Oil Temperature	055-1 99.2
Hydrogen Dew Point / Hydrogen Purity	59.5/80.0
Hydrogen Gas Pressure / Hydrogen Fan Pressure	6.5 1 5.3
Flyash Blower Pressure North/South Precipitator Flyash hoppers in Bypass/Alarms in Bypass	4567
Precipitator Flyash noppers in Bypass Marins in Bypass	8.0
Supplemental Precip Flyash Blower Discharge Pressure	C)
Supplemental Precip Flyash Hoppers in Bypass	0 14230
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	- 1 -
TA-5040 Discharge pressure/on temperature	

TRANSFORMERS

			CHIEVEL	PRESSURE	N2 PRESS	HYDRAN
	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	NZIKEBB	125 (11 to 12 to 1
2TX	51					
T24				在各种人主义。		
ST2	40	40		(2)		
RT2	X1- 43	32		1.5	300	
	X2- 42					
MT2	60	6<	+	1.	1000	DIMEN NO

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	大学 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2
Is there evidence of Deicing water being released to river?	Recirc valve unti	the Screen house I there is no flow.	NO

Date:	12-7-	14
-------	-------	----

Shift:	\sim
Smit:	/ 0

Name: MB

Unit 2

Unit 2	
Cooling Water Pump Discharge Pressure / Pumps in service	65 /JA
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	70170
Cooling Water Heat Exchanger Outlet Temperature North / South	60 160
Cooling Water Heat Exchanger Discharge Pressure North / South	55 155
Air In-leakage @ 2A / 2B Vacuum Pumps	
Seal Water Temp @ 2A and 2B Vacuum Pumps	50 1 50
2B DA Pump Discharge Pressure	51)45
2B DA Pump Bearing Lube Oil Pressure	₹ 4.5
2A DA Pump Discharge Pressure	425
2A DA Pump Bearing Lube Oil Pressure	
MBFP/SUBFP Gland Water Pressure	352
Coupling Oil Pump Suction Pressure/Discharge Pressure	10 /160
Coupling Oil Temperature	1100
Turbine Oil Temperature	110
Turbine Oil Vapor Extractor Vacuum "H20	-
Condenser Inlet Temperature	0 1 - 1/2
Condenser Outlet Temperature East / West	3049 140
Condenser Inlet Pressure East / West	4 14
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	4.214.2
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	77827
All slag sluice handling equipment for MK2 has been inspected for	
proper operation and discrepancies have been reported.	12/11/
TA-6040 Discharge pressure/Oil temperature	254 1

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX						
T24			NEW TRANSPORT			
ST2	40	CD	25-		BLAYS TALL TO SE	2 1 (32)
RT2	X1- 30	30	25 -	2	2300	360
	X2- 30					
MT2	50	5 U	727	5	1000	

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

TO THE PARTY OF TH	River Info		
Circulators in operation	2A	2B	(Both
Screen house Recirc valve	position	0	%
Forebay Frozen?	YES	NO	国际组织建设设置 (1) 是这种强烈
Is there evidence of Deicing water being released to river? NOTE: If Deicing is in pro-	Recirc valve unt	n the Screen house il 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

SBAC - 88479

	12/4/nl
Date:	12/0/17

	N
Shift	1

Name:	
name.	

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 Seal Water Temp 2A and 2B Vacuum Pumps 2B DA Pump Discharge Pressure 2B DA Pump Bearing Lube Oil Pressure 2A DA Pump Bearing Lube Oil Pressure Coupling Oil Pump Suction Pressure/Discharge Pressure Coupling Oil Temperature Turbine Oil Temperature Turbine Oil Temperature Condenser Inlet Temperature East / West Condenser Inlet Pressure East / West Air Side/Gas Side Seal Oil Temperature Hydrogen Gas Pressure / Hydrogen Fan Pressure	A 1 68 36 1 42 47 1 36 45 1 50 CFF 1 OFF 4,5
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 Bearing Lube Oil Pressure 2A DA Pump Bearing Lube Oil Pressure Coupling Oil Pump Suction Pressure/Discharge Pressure Coupling Oil Temperature Turbine Oil Temperature Turbine Oil Vapor Extractor Vacuum "H20 Condenser Inlet Temperature East / West Condenser Outlet Temperature East / West Air Side/Gas Side Seal Oil Temperature Hydrogen Dew Point / Hydrogen Purity Hydrogen Gas Pressure / Hydrogen Fan Pressure	45 / 50 off / off 4,5
Cooling Water Heat Exchanger Inlet Temperature Cooling Water Heat Exchanger Outlet Temperature 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 Bearing Lube Oil Pressure 2A DA Pump Bearing Lube Oil Pressure MBFP/SUBFP Gland Water Pressure Coupling Oil Pump Suction Pressure/Discharge Pressure Turbine Oil Temperature Turbine Oil Vapor Extractor Vacuum "H20 Condenser Inlet 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	45 / 50 off / off 4,5
Cooling Water Heat Exchanger Outlet Temperature Cooling Water Heat Exchanger Discharge Pressure 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 Bearing Lube Oil Pressure 2A DA Pump Bearing Lube Oil Pressure Coupling Oil Pump Suction Pressure/Discharge Pressure Coupling Oil Temperature Turbine Oil Temperature Turbine Oil Vapor Extractor Vacuum "H20 Condenser Inlet 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	45 / 50 off / off 405
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 Bearing Lube Oil 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 Vapor Extractor Vacuum "H20 Condenser Inlet 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	off 1 off
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 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	4.5
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 East / West Condenser Outlet Temperature East / West Air Side/Gas Side Seal Oil Temperature Hydrogen Dew Point / Hydrogen Purity Hydrogen Gas Pressure / Hydrogen Fan Pressure	4.5
2B DA Pump Bearing Lube Oil Pressure 2A DA Pump Discharge Pressure 2A DA Pump Bearing Lube Oil 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	4,S 5.Z
2B DA Pump Bearing Lube Oil Pressure 2A DA Pump Bearing Lube Oil 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	3.2
2A DA Pump Bearing Lube Oil 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	5.2
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	>.∠ ~
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	7
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	
Coupling 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	10 1.135
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	offlow
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	108
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	2
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	36
Condenser Inlet Pressure East / West Air Side/Gas Side Seal Oil Temperature Hydrogen Dew Point / Hydrogen Purity Hydrogen Gas Pressure / Hydrogen Fan Pressure	30 32
Hydrogen Dew Point / Hydrogen Purity Hydrogen Gas Pressure / Hydrogen Fan Pressure	4.5 14.5
Hydrogen Gas Pressure / Hydrogen Fan Pressure	29 / 89
Hydrogen Gas Pressure / Hydrogen Fan Pressure	78.6 / 99.1
TI I DI Desarra North/South	51.7 1 0,3
Flyash Blower Pressure North/South	4.013.8
Precipitator Flyash hoppers in Bypass/Alarms in Bypass	4567
Supplemental Precip Flyash Blower Discharge Pressure	4.0
Supplemental Precip Flyash Hoppers in Bypass	0
Kaydon System Pressure / Water Meter Reading	0 1423
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	114					
T24	64					12 10 30 3
ST2	45	40		0		ar Ma Manyes
RT2	X1- >0	35		1	300	The Paris of the P
	X2- 30		建物是1828年 18			
MT2	50	50	t	1.5	1000	

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

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

Date: 12-8-24

Shift: N

Name: AP

Unit 2

Unit 2	
Cooling Water Pump Discharge Pressure / Pumps in service	70 / ZA
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	76 136
Cooling Water Heat Exchanger Outlet Temperature North / South	37 138
Cooling Water Heat Exchanger Discharge Pressure North / South	40160
Air In-leakage @ 2A / 2B Vacuum Pumps	-1-
Seal Water Temp @ 2A and 2B Vacuum Pumps	-1-
2B DA Pump Discharge Pressure	N
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	36 136
Condenser Inlet Pressure East / West	3.514
Air Side/Gas Side Seal Oil Temperature	90 185
Hydrogen Dew Point / Hydrogen Purity	-85.81 99
Hydrogen Gas Pressure / Hydrogen Fan Pressure	49.610
Flyash Blower Pressure North/South	4.114.2
Precipitator Flyash hoppers in Bypass/Alarms in Bypass	
Supplemental Precip Flyash Blower Discharge Pressure	5.6
Supplemental Precip Flyash Hoppers in Bypass	1
Kaydon System Pressure / Water Meter Reading	20 13236
All slag sluice handling equipment for MK2 has been inspected for	6 K
proper operation and discrepancies have been reported.	5 , 9,
TA-6040 Discharge pressure/Oil temperature	1.8 194

	8846	9 T	RANSFORMER		292 1	967
70	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	48					
T24		Edmin Colonia	THE PERSON NAMED IN			
ST2	7	50	40	+ ,		
RT2	X1- 15	15	_	/	2000	No. of Contrast of
	X2- 15					
MT2	47	40	+	1.5	950	

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

	River	r Info	
Circulators in operation	2A	2B)	Both
Screen house Recirc valve	position	0	%
Forebay Frozen?	YES	NO)	在 東京 医二种 原 自由 的复数
Is there evidence of	If YES close off on the Screen house		NO NO
Deicing water being	Recirc valve until there is no flow.		
released to river?			n in continuous with 1

Date: 12-7	-	2	4
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Shift:	N	

Name:	AP	
Maille.		

Unit 2	
Cooling Water Pump Discharge Pressure / Pumps in service	65124
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	70 174
Cooling Water Heat Exchanger Outlet Temperature North / South	60 168
Cooling Water Heat Exchanger Discharge Pressure North / South	55 1 55
Air In-leakage @ 2A / 2B Vacuum Pumps	17 116
Seal Water Temp @ 2A and 2B Vacuum Pumps	66162
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 1165
	1/0
Coupling Oil Temperature	100
Turbine Oil Temperature	3./
Turbine Oil Vapor Extractor Vacuum "H20	3/2
Condenser Inlet Temperature	148
Condenser Outlet Temperature East / West	4.514.5
Condenser Inlet Pressure East / West	115/115
Air Side/Gas Side Seal Oil Temperature	-9131993
Hydrogen Dew Point / Hydrogen Purity	69.91796
Hydrogen Gas Pressure / Hydrogen Fan Pressure	4/3/4/
Flyash Blower Pressure North/South	47.9.10
Precipitator Flyash hoppers in Bypass/Alarms in Bypass	1, 1/1, -,
Supplemental Precip Flyash Blower Discharge Pressure	
Supplemental Precip Flyash Hoppers in Bypass	0 14761
Kaydon System Pressure / Water Meter Reading	- 1
All slag sluice handling equipment for MK2 has been inspected for	OK
proper operation and discrepancies have been reported.	7531117
TA-6040 Discharge pressure/Oil temperature	
The second secon	1.079

TRANSFORMERS 2301 88744 **HYDRAN** OIL LEVEL | PRESSURE N2 PRESS OIL TEMP WDG TEMP 55 2TX **T24** 30 35 ST2 1650 X1- 45 35 RT2 X2- 45 + 60 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	SNO	
Is there evidence of Deicing water being	Recirc valve unt	n the Screen house il there is no flow.	un in continuous with 1

Date:	Zel	U
-------	-----	---

Shift:	

OPTIOAS
JEUPAS_

Unit 2	
Cooling Water Pump Discharge Pressure / Pumps in service	13 157
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	74 / 14
Air In-leakage @ 2A / 2B Vacuum Pumps	- 1 -
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 1/50
Coupling Oil Temperature	1/20
Turbine Oil Temperature	85
Turbine Oil Vapor Extractor Vacuum "H20	'2
Condenser Inlet Temperature	38
Condenser Outlet Temperature East / West	36 138
Condenser Inlet Pressure East / West	4.5 / 4.5
Air Side/Gas Side Seal Oil Temperature	76 1 65
Hydrogen Dew Point / Hydrogen Purity	-98.21 98.4
Hydrogen Gas Pressure / Hydrogen Fan Pressure	53.610
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	. 1. ALEX
All slag sluice handling equipment for MK2 has been inspected for	
proper operation and discrepancies have been reported.	
TA-6040 Discharge pressure/Oil temperature	2/67
III OO TO TO SOUTH TO BE A SOUTH TO SOU	

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	45			可塑物的 类似。		
T24	_			HE THE STATE OF TH	6 V = 8 2 1 5	
ST2						
RT2	X1- 20	19	-	1	1400	WANTE CONSTRUCTOR
	X2- 20					
MT2						

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

14.14	River	Info	TOTAL CONTRACTOR STATE OF THE S
Circulators in operation	2A	2B	Both
Screen house Recirc valve	position		%
Forebay Frozen?	YES	NO	TO THE STATE OF THE STATE OF
Is there evidence of Deicing water being released to river?	Recirc valve unti	the Screen house I there is no flow.	NO

EOD - EA

Date: 17 - 20 - 24

Shift: ____

Name: DETIPAS

Unit 2

Unit 2	
Cooling Water Pump Discharge Pressure / Pumps in service	A 1 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 1 70
Cooling Water Heat Exchanger Discharge Pressure North / South	55 / 52
Air In-leakage @ 2A / 2B Vacuum Pumps	055 1 055
Seal Water Temp @ 2A and 2B Vacuum Pumps	58 1 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 1/20
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	57 / 50
Condenser Inlet Pressure East / West	10 111
Air Side/Gas Side Seal Oil Temperature	110/115
Hydrogen Dew Point / Hydrogen Purity	-LN1 / 99.3
Hydrogen Gas Pressure / Hydrogen Fan Pressure	8) 1 60.8
Flyash Blower Pressure North/South	2.8 / 3.Z
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 1/426
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	
MD ANGHODWEDG	

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	55		m Nenth Art Su	17. 张生生的		
T24	64					
ST2	35	35	7	0		UTW DEED TO
RT2	X1- 45	38	~	-1	1600	
WIE W	X2- 45					
MT2	bi	60	25	3.5	Sex	

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

	Rive	r Info	
Circulators in operation	2A	2B	Both
Screen house Recirc valve	position		% 0
Forebay Frozen?	YES	190	2. 双序。3.2 接触图 · 5.6 化图
Is there evidence of Deicing water being released to river?		the Screen house il there is no flow.	199

Date:	12-20-54

Shift:	
--------	--

Name: ____

Unit 2

Unit 2	
Cooling Water Pump Discharge Pressure / Pumps in service	65 12A
Heat Exchanger Parallel Operation North and South	65 1 24
Cooling Water Heat Exchanger Inlet Temperature North / South	75 175
Cooling Water Heat Exchanger Outlet Temperature North / South	
Cooling Water Heat Exchanger Discharge Pressure North / South	6.0
Air In-leakage @ 2A / 2B Vacuum Pumps	5
Seal Water Temp @ 2A and 2B Vacuum Pumps	
2B DA Pump Discharge Pressure	58 155
2B DA Pump Bearing Lube Oil Pressure	375
2A DA Pump Discharge Pressure	4
2A DA Pump Bearing Lube Oil Pressure	428
MBFP/SUBFP Gland Water Pressure	OKAT 2.5
Coupling Oil Pump Suction Pressure/Discharge Pressure	275
Coupling Oil Temperature	10 /160
Turbine Oil Temperature	610
Turbine Oil Vapor Extractor Vacuum "H20	105
Condenser Inlet Temperature	31/2"
Condenser Outlet Temperature East / West	35
Condenser Inlet Pressure East / West	52 150
Air Side/Gas Side Seal Oil Temperature	5 15
Hydrogen Dew Point / Hydrogen Purity	110 / 110
Hydrogen Gas Pressure / Hydrogen Fan Pressure	-101 199.3
Flyash Blower Pressure North/South	59.7 179.6
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	7
All slag sluice handling equipment for MK2 has been increased as	0 14260
proper operation and discrepancies have been reported.	
TA-6040 Discharge pressure/Oil temperature	- V
A	
TDANCEODMEDO	

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL		NO PROGRA	10.00
2TX	55	my White Tab	OID HEVEL	TRESSURE	N2 PRESS	HYDRAN
T24		THE WAY SHOW				
ST2	35	39		(2)		
RT2	X1- 45	38			1000	Mary Mary
	X2- 45		CLECK STATE OF A		1600	
MT2	60	Go	-+	3.1/2	500	
	NT.	III NO. I		2 1.6	300	

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

2B	Both
215	/ Koth
(NO)	%
Screen house	NO
e is no flow.	
-75	Creen house e is no flow.

Date: 12/21/24 Shift: DAY Name: Perlite Chever

Unit 2	//F
Cooling Water Pump Discharge Pressure / Pumps in service	65124
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	74172
Cooling Water Heat Exchanger Outlet Temperature North / South	60 1 70
Cooling Water Heat Exchanger Discharge Pressure North / South	60155
Air In-leakage @ 2A / 2B Vacuum Pumps	12 / 15
Seal Water Temp @ 2A and 2B Vacuum Pumps	56156
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 1 169
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 1 52
Condenser Inlet Pressure East / West	515
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	0.415.0
Precipitator Flyash hoppers in Bypass/Alarms in Bypass	NO
Supplemental Precip Flyash Blower Discharge Pressure	.4.1
Supplemental Precip Flyash Hoppers in Bypass	Ne
Kaydon System Pressure / Water Meter Reading	0 1428.1
All slag sluice handling equipment for MK2 has been inspected for	4.0
proper operation and discrepancies have been reported.	253 1 117
TA-6040 Discharge pressure/Oil temperature	1 253 / /17

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	054					
T24	8.0			UM COLUMN TO THE COLUMN		
ST2	3.3	35	129	<i>U</i>		
RT2	X1- 42	38	25	<i>f</i>	1700	0
	X2- 42					
MT2	65	65	23	3:5	550	

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

	River	River Info	
Circulators in operation	2A	2B	Both
Screen house Recirc valve	position	0	%
Forebay Frozen?	YES	NO	。TESTA V. 特殊的共享的計算更
Is there evidence of Deicing water being released to river?	If YES close off on Recirc valve unti	l there is no flow.	NO

Date: 2205624

Shift	

Name: ROWELL

Unit 2

Unit 2	
Cooling Water Pump Discharge Pressure / Pumps in service	60 12H
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 1 19
Seal Water Temp @ 2A and 2B Vacuum Pumps	60 145
2B DA Pump Discharge Pressure	400
2B DA Pump Bearing Lube Oil Pressure	И
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 /80
Condenser Inlet Pressure East / West	3 /3
Air Side/Gas Side Seal Oil Temperature	112 /112
Hydrogen Dew Point / Hydrogen Purity	-117 199.6
Hydrogen Gas Pressure / Hydrogen Fan Pressure	62 184.3
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	
All slag sluice handling equipment for MK2 has been inspected for	
proper operation and discrepancies have been reported.	00001110
TA-6040 Discharge pressure/Oil temperature	258/116
#45UPPLEMONTAL WALARM	

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	48			THE SHOW DE ANY		
T24	NOREADING				加州 安全国际的	
ST2	3 5	35		-1		
RT2	X1- 40	30		· /	15 00	
	X2- 40					
MT2	60	70	+	7	560	

Note: When N2 bottle is 300 psi or lower, notify WFO. River Info Both (2B) 2A Circulators in operation 39 % 1 Screen house Recirc valve position YES NO Forebay Frozen? If YES close off on the Screen house (NO) Is there evidence of Recirc valve until there is no flow. Deicing water being released to river?

Date:	12-23-24	

Shift: D

Name: Af

Unit 2

Unit 2	
Cooling Water Pump Discharge Pressure / Pumps in service	ZA 1 60
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	76 177
Cooling Water Heat Exchanger Outlet Temperature North / South	66168
Cooling Water Heat Exchanger Discharge Pressure North / South	50155
Air In-leakage @ 2A / 2B Vacuum Pumps	1215
Seal Water Temp @ 2A and 2B Vacuum Pumps	55158
2B DA Pump Discharge Pressure	250
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	75h
Coupling Oil Pump Suction Pressure/Discharge Pressure	10 1/70
Coupling Oil Temperature	110
Turbine Oil Temperature	110
Turbine Oil Vapor Extractor Vacuum "H20	3
Condenser Inlet Temperature	47
Condenser Outlet Temperature East / West	9,193
Condenser Inlet Pressure East / West	3.513.6
Air Side/Gas Side Seal Oil Temperature	105 1 105
Hydrogen Dew Point / Hydrogen Purity	-1091989
Hydrogen Gas Pressure / Hydrogen Fan Pressure	59 9 1 97
Flyash Blower Pressure North/South	44146
Precipitator Flyash hoppers in Bypass/Alarms in Bypass	3 7 9 /7)
Supplemental Precip Flyash Blower Discharge Pressure	3.2
Supplemental Precip Flyash Hoppers in Bypass	
Kaydon System Pressure / Water Meter Reading	0 1428
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	7541116

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	4.5					
T24	-					
ST2	35	20		2	Lead of Sales	
RT2	X1- 40	35		de al la comitio	1500	
S Sun Sui	X2- 4/0	N. S. ENGLISH DE LINE				
MT2	65	60	1	3	500	Meles Vales M

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

	Rive		
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?		n the Screen house til there is no flow.	€NO

Date: 17/25/24

Shift: Night

Name: 17/23/24
Per/ chever

Unit 2

Unit 2	
Cooling Water Pump Discharge Pressure / Pumps in service	64 / JA
Heat Exchanger Parallel Operation North and South	TS STURY OF BUILDING
Cooling Water Heat Exchanger Inlet Temperature North / South	76 178
Cooling Water Heat Exchanger Outlet Temperature North / South	65 1 68
Cooling Water Heat Exchanger Discharge Pressure North / South	55 152
Air In-leakage @ 2A / 2B Vacuum Pumps	14/2
Seal Water Temp @ 2A and 2B Vacuum Pumps	56 1 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	1 2
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	84 188
Condenser Inlet Pressure East / West	414
Air Side/Gas Side Seal Oil Temperature	108/110
Hydrogen Dew Point / Hydrogen Purity	-92.81 98.9
Hydrogen Gas Pressure / Hydrogen Fan Pressure	40 183.3
Flyash Blower Pressure North/South	5.6 15.1
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 1428.1
All slag sluice handling equipment for MK2 has been inspected for	
proper operation and discrepancies have been reported.	725
TA-6040 Discharge pressure/Oil temperature	244.11 115
	244.1/115
TRANSFORMERS	111/11

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL		N2 PRESS	HYDRAN
2TX	51			TO THE DRIVE LAW	TALE SECTION OF	6 A.D. 18 (1684) 04
T24	80					
ST2	40	34	26	(2)	Track to link 137	
RT2	X1- 41	38	.25	2	11,00	,0
AL HEAT	X2- 43					医
MT2	60	43	メチ	3	300	

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

Rive	r Info	
2A	(2B)	Both
position	25	%
YES	NO	
If YES close off or	the Screen house	NO
Recirc valve unti	il there is no flow.	
	2A position YES If YES close off or	position 25

Shift:

Name: MB

Unit 2

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	72 /72
Cooling Water Heat Exchanger Outlet Temperature North / South	62 162
Cooling Water Heat Exchanger Discharge Pressure North / South	55 155
Air In-leakage @ 2A / 2B Vacuum Pumps	1.
Seal Water Temp @ 2A and 2B Vacuum Pumps	55 155
2B DA Pump Discharge Pressure	310
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	85 190
Condenser Inlet Pressure East / West	414
Air Side/Gas Side Seal Oil Temperature	110 /110
Hydrogen Dew Point / Hydrogen Purity	-71-198.8
Hydrogen Gas Pressure / Hydrogen Fan Pressure	61.3 / 84.9
Flyash Blower Pressure North/South	6 15,5
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	15 14280
All slag sluice handling equipment for MK2 has been inspected for	1
proper operation and discrepancies have been reported.	V
TA-6040 Discharge pressure/Oil temperature	

TRANSFORMERS

TANK OTHER DESCRIPTION							
	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN	
2TX						J) = 97 - 935	
T24				The second second	H STEEL NOW THE STATE OF THE ST		
ST2	40	40	14-				
RT2	X1- 50	40	25-	5	1600	V	
THE PERSON NAMED IN	X2- 50						
MT2	60	70	254	4	500		

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

Rive		
2A	(2B)	Both
position	31) %
YES	(NO)	
		40
	position YES If YES close off or	position 3

Date: 12/24/24

Shift: N

Name: 1000 LL

Unit 2

Unit 2	
Cooling Water Pump Discharge Pressure / Pumps in service	83 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	62 163
2B DA Pump Discharge Pressure	350
2B DA Pump Bearing Lube Oil Pressure	4,5
2A DA Pump Discharge Pressure	408
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	-69.5198.7
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	3,6,78,9
Supplemental Precip Flyash Blower Discharge Pressure	4.4
Supplemental Precip Flyash Hoppers in Bypass	4
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.	V
TA-6040 Discharge pressure/Oil temperature	242 /116

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	ON THE PERSON					
T24	NOPISPLAY					
ST2	75	35		. (5)		
RT2	X1- 45	40		1.5	1600	
	X2- 45					
MT2	68	85	1	3.5	500	

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

	Rive	r 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?		the Screen house I there is no flow.	(NO)

Date: 12/25/24 Shift: Night

Name: 121 Chare

Unit 2	
Cooling Water Pump Discharge Pressure / Pumps in service	2A1 44
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	72172
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	15120
Seal Water Temp @ 2A and 2B Vacuum Pumps	51 158
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 1 168
Coupling Oil Temperature	105.
Turbine Oil Temperature	110
Turbine Oil Vapor Extractor Vacuum "H20	2-8
Condenser Inlet Temperature	1-8 -1 -
Condenser Outlet Temperature East / West	7072178
Condenser Inlet Pressure East/West	4.51 4.5
Air Side/Gas Side Seal Oil Temperature	100 1 110
Hydrogen Dew Point / Hydrogen Purity	83. 11 98.0
Hydrogen Gas Pressure / Hydrogen Fan Pressure	5961853
Flyash Blower Pressure North/South	4.41 9.7
Precipitator Flyash hoppers in Bypass/Alarms in Bypass	A40 3.7,
Supplemental Precip Flyash Blower Discharge Pressure	4.1
Supplemental Precip Flyash Hoppers in Bypass	A+0 4
Kaydon System Pressure / Water Meter Reading	1 14280.
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

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	50	18.6 西部队中,186				
T24	008			E 358/0, Rug 8, 18 (2)		
ST2	40	78	25	D	S YOU TO ME	
RT2	X1- 40	38	25	7	1500	0
	X2- 40		TO THE RELEASE DAY DO	WALL TO SERVICE OF THE SERVICE OF TH	No at the latest	
MT2	60	100	20	7	500	

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

	pos os so in only and only	112 01	
River Info		是有其他自然是1990年	
2A	2B	Both	
position	3/	/ %	
YES	NO		
If YES close off on the Screen house Recirc valve until there is no flow.		NO	
	position YES If YES close off on	position 36 YES If YES close off on the Screen house	

Date: 17.25-24

Shift	D	
Shift	And the second	

Name: _____

Unit 2

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	70172
Cooling Water Heat Exchanger Outlet Temperature North / South	60 162
Cooling Water Heat Exchanger Discharge Pressure North / South	50154
Air In-leakage @ 2A / 2B Vacuum Pumps	7 17
Seal Water Temp @ 2A and 2B Vacuum Pumps	58 154
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 1 170
Coupling Oil Temperature	1./0
Turbine Oil Temperature	110
Turbine Oil Vapor Extractor Vacuum "H20	2.8
Condenser Inlet Temperature	34
Condenser Outlet Temperature East / West	76 172
Condenser Inlet Pressure East / West	4 14
Air Side/Gas Side Seal Oil Temperature	105/105
Hydrogen Dew Point / Hydrogen Purity	-86.6198.7
Hydrogen Gas Pressure / Hydrogen Fan Pressure	59.31 85.1
Flyash Blower Pressure North/South	4314.5
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	ok
proper operation and discrepancies have been reported.	UK
TA-6040 Discharge pressure/Oil temperature	

TRANSFORMERS

	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	49			医等级 医二甲		ES MARIANI
T24				action special		是例如如此是
ST2	35	35	_	0		
RT2	X1- 40	30		1.5	1500	Name of the last
	X2- 4/ D					
MT2	55	55	+	3	500	

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

	River Info		ALC STREET NOT SOIL
Circulators in operation	2A	ØB)	Both
Screen house Recirc valve	position	20	%
Forebay Frozen?	YES	NO	0
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 with a continuous with

Date: 12/20/

Name: ERIK

Unit 2

Unit 2	
Cooling Water Pump Discharge Pressure / Pumps in service	12A
Heat Exchanger Parallel Operation North and South	
Cooling Water Heat Exchanger Inlet Temperature North / South	170 HOLT
Cooling Water Heat Exchanger Outlet Temperature North / South	62162
Cooling Water Heat Exchanger Discharge Pressure North / South	5262152
Air In-leakage @ 2A / 2B Vacuum Pumps	10 110
Seal Water Temp @ 2A and 2B Vacuum Pumps	68 180
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	158
Coupling Oil Pump Suction Pressure/Discharge Pressure	10 1170
Coupling Oil Temperature	110
Turbine Oil Temperature	105
Turbine Cil Vapor Extractor Vacuum "H20	3
Condenser Inlet Temperature	38
Condenser Outlet Temperature East / West	70 178
Condenser Inlet Pressure East / West	4 14
Air Side/Gas Side Seal Oil Temperature	108 /110
Hydrogen Dew Point / Hydrogen Purity	-87 1985
Hydrogen Gas Pressure / Hydrogen Fan Pressure	E9.8 1386.8
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 ALARMY
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.	
ΓA-6040 Discharge pressure/Oil temperature	201 1118

TRANSFORMERS

19	WDG TEMP	OIL TEMP	OIL LEVEL	PRESSURE	N2 PRESS	HYDRAN
2TX	48					
T24	NODISPLAY				T MARKET APPLIES	
ST2	35	35		0		
RT2	X1- 40	35		president in the second	1500	
	X2- 40					
MT2	55	60	1	3	500	

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

	Rive	A STATE OF THE BOOK OF THE BOO	
Circulators in operation	2A	(2B)	Both
Screen house Recirc valve	position	36	%
Forebay Frozen?	YES	NO	
Is there evidence of Deicing water being released to river?		the Screen house I there is no flow.	NO

Dotoi	12-26	24
-------	-------	----

	4	
Shift	D	

Name:	MB	

Unit 2	
Cooling Water Pump Discharge Pressure / Pumps in service	60 124
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	60 160
Cooling Water Heat Exchanger Discharge Pressure North / South	50150
Air In-leakage @ 2A / 2B Vacuum Pumps	1
Seal Water Temp @ 2A and 2B Vacuum Pumps	50 150
2B DA Pump Discharge Pressure	350
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 /170
Coupling Oil Temperature	110
Turbine Oil Temperature	110
Turbine Oil Vapor Extractor Vacuum "H20	
Condenser Inlet Temperature	40
Condenser Outlet Temperature East / West	70180
Condenser Inlet Pressure East / West	5 1 5
Air Side/Gas Side Seal Oil Temperature	110/110
Hydrogen Dew Point / Hydrogen Purity	-84198.6
Hydrogen Gas Pressure / Hydrogen Fan Pressure	59.6186.
Flyash Blower Pressure North/South	5.415,8
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	
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				TOTAL PROPERTY.		
T24				第四个是数据		Law Same
ST2	40	40	25-			
RT2	X1- 50	40	25-	2	1100	
SWEW	X2- 50					
MT2	60	60	254	3	560	

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

	Riv	er Info —	
Circulators in operation	2A	2B	Both
Screen house Recirc valve	position	21	%
Forebay Frozen?	YES	NO	NAME OF TAXABLE PARTY.
Is there evidence of Deicing water being released to river?	Recirc valve un	on the Screen house til there is no flow.	run in continuous with

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

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Appendix D Weekly Flow Measurements

APPENDIX D Weekly Flow Measurements

Merrimack Station BATW BMP Plan

Week Start	Week End	Number of Days with	MK1 BATW Slag	MK2 BATW Slag	Total BATW Discharged	BATW Recycled to the FGD
Date	Date	MK Unit(s) Operating	Sluice (gallons)	Sluice (gallons)	(gallons)	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
Allitual Average necycle flow for Days when Mr. Offices, Operated (OFD)	200,009

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.