

OPERATING DATA REPORT

DOCKET NO. 50-409
 DATE 07-07-82
 COMPLETED BY G.R. GADOW
 TELEPHONE 608-689-2331

OPERATING STATUS

1. Unit Name: LA CROSSE BOILING WATER REACTOR
2. Reporting Period: 0001, 06-01-82 TO 2400, 06-30-82
3. Licensed Thermal Power (MWt): 165
4. Nameplate Rating (Gross MWe): 65.3
5. Design Electrical Rating (Net MWe): 50
6. Maximum Dependable Capacity (Gross MWe): 50
7. Maximum Dependable Capacity (Net MWe): 48
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons.

Notes

9. Power Level To Which Restricted, If Any (Net MWe): _____
10. Reasons For Restrictions, If Any: _____

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	720	4343	111,002
12. Number Of Hours Reactor Was Critical	0	1796.6	73,070.2
13. Reactor Reserve Shutdown Hours	0	0	478
14. Hours Generator On-Line	0	1706.2	67,398.4
15. Unit Reserve Shutdown Hours	0	0	79
16. Gross Thermal Energy Generated (MWH)	0	212,692.4	9,208,481.1
17. Gross Electrical Energy Generated (MWH)	0	59,143	2,749,001
18. Net Electrical Energy Generated (MWH)	-408	53,523	2,541,923
19. Unit Service Factor	0	39.3	60.7
20. Unit Availability Factor	0	39.3	60.8
21. Unit Capacity Factor (Using MDC Net)	0	25.7	45.8
22. Unit Capacity Factor (Using DER Net)	0	24.6	44.0
23. Unit Forced Outage Rate	0	27.6	8.1
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each)			

25. If Shut Down At End Of Report Period, Estimated Date of Startup: August 9, 1982
26. Units In Test Status (Prior to Commercial Operation):

	Forecast	Achieved
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-409
 UNIT LACBWR
 DATE 07-07-82
 COMPLETED BY G. R. GADOW
 TELEPHONE 608-689-2331

MONTH JUNE 1982

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>0</u>	17	<u>0</u>
2	<u>0</u>	18	<u>0</u>
3	<u>0</u>	19	<u>0</u>
4	<u>0</u>	20	<u>0</u>
5	<u>0</u>	21	<u>0</u>
6	<u>0</u>	22	<u>0</u>
7	<u>0</u>	23	<u>0</u>
8	<u>0</u>	24	<u>0</u>
9	<u>0</u>	25	<u>0</u>
10	<u>0</u>	26	<u>0</u>
11	<u>0</u>	27	<u>0</u>
12	<u>0</u>	28	<u>0</u>
13	<u>0</u>	29	<u>0</u>
14	<u>0</u>	30	<u>0</u>
15	<u>0</u>	31	<u>NA</u>
16	<u>0</u>		

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-409
 UNIT NAME LACBWR
 DATE 07-07-82
 COMPLETED BY G.R.GADOW
 TELEPHONE 608-689-2331

REPORT MONTH JUNE 1982

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
82-07	04-09-82	S	720.0	C	1	NA	NA	NA	SCHEDULED REFUELING OUTAGE EXPECTED DURATION OF 19 WEEKS

¹
 F - Forced
 S - Scheduled

²
 Reason:
 A - Equipment Failure (Explain)
 B - Maintenance or Test
 C - Refueling
 D - Regulatory Restriction
 E - Operator Training & License Examination
 F - Administrative
 G - Operational Error (Explain)
 H - Other (Explain)

³
 Method:
 1 - Manual
 2 - Manual Scram
 3 - Automatic Scram
 4 - Other (Explain)

⁴
 Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

⁵
 Exhibit I - Same Source

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

JUNE 1982

The refueling outage which commenced April 9, 1982 continued through the June reporting period.

The reactor was taken critical on June 4, 1982 at 1924. Shutdown margin checks were completed satisfactorily. The reactor was manually shut down June 5 at 0208 due to exceeding alpha limit in the primary coolant as documented in R0-82-14.

The reactor was critical on June 9 and 10 at various times throughout the day for licensing examinations and for training purposes. The reactor has been subcritical since this time.

Significant maintenance items performed during the reporting period are indicated on the attached Mechanical Maintenance and Instrument and Electrical Maintenance listings.

JUNE 1982

INSTRUMENT AND ELECTRICAL MAINTENANCE

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
SECURITY HATCH PT 25-4	CORRECTIVE MR-0240	OUTAGE 82-07	MOISTURE	ALARM INOPERATIVE	ADJUSTED AND RESEALED SWITCH
SECURITY COMPUTER	CORRECTIVE MR-0439	OUTAGE 82-07	UNKNOWN	INOPERATIVE	REPLACED MAIN CIRCUIT BOARD
SECURITY RADIO	CORRECTIVE MR-0379	OUTAGE 82-07	UNKNOWN	INOPERATIVE; NO RECEPTION	REPAIRED BY COMMUNICATIONS DEPARTMENT
SECURITY EXPLOSIVE DETECTOR (PORTABLE)	CORRECTIVE MR-0482	OUTAGE 82-07	USAGE	FILTER PLUGGED	CLEANED FILTERS
SECURITY CCTV #8	CORRECTIVE MR-0510	OUTAGE 82-07	USAGE	POOR PICTURE	REPLACED VIDICON
SECURITY CCTV CRIB HOUSE	CORRECTIVE MR-0500	OUTAGE 82-07	USAGE	POOR PICTURE	CLEANED LENSE
NUCLEAR CHANNEL N-4 POWER SUPPLY	CORRECTIVE MR-0425	OUTAGE 82-07	USAGE	INTERMITTANT ALARMS	REPLACED TUBES
NUCLEAR CHANNEL N-5 POWER SUPPLY	CORRECTIVE MR-0447	OUTAGE 82-07	DEFECTIVE TRANSFORMER	INOPERATIVE NEGATIVE VOLTAGE	REPLACED TRANSFORMER
RADIATION MONITOR SPING (GASEOUS)	CORRECTIVE MR-0450	OUTAGE 82-07	UNKNOWN	PRINTER INOPERATIVE	REPLACED PRINTER
RADIATION ENVIRONMENTAL AIR PUMP	CORRECTIVE MR--0439	OUTAGE 82-07	LOOSE WIRE	MOTOR INOPERATIVE	REPAIRED MOTOR WIRING
RADIATION HIGH RANGE CABLES	MODIFICATION MR-0438	OUTAGE 82-07	NRC REQUIREMENT	REPLACED WIRING	REPLACED CABLES
RADIATION AREA MONITOR #7	CORRECTIVE MR-0417 MR-0436	OUTAGE 82-07	UNKNOWN	HIGH READING	CLEANED CONNECTORS

INSTRUMENT AND ELECTRICAL MAINTENANCE

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
RADIATION WASTE TREATMENT EXHAUST FAN	CORRECTIVE MR-0377	OUTAGE 82-07	USAGE	NOISE IN MOTOR	REPLACED BEARINGS
NUCLEAR CHANNEL N-2	CORRECTIVE MR-0426	OUTAGE 82-07	USAGE	POOR OPERATION	REPLACED TUBES
NUCLEAR CHANNEL N-6	CORRECTIVE MR-0416	OUTAGE 82-07	USAGE	POOR OPERATION	REPLACED TUBES/ BALANCED
SAFETY SYSTEM CHANNELS 1, 2, AND WATER LEVEL 3	PREVENTIVE	OUTAGE 82-07	TEST DUE	COMPLETED TEST	COMPLETED TEST
NUCLEAR CHANNELS N-5 THROUGH N-8	PREVENTIVE	OUTAGE 82-07	TEST DUE	COMPLETED TEST	COMPLETED TESTS
SEMI-ANNUAL FIRE TESTS	PREVENTIVE	OUTAGE 82-07	TEST DUE	COMPLETED TEST	COMPLETED TESTS
UNDERVOLTAGE RELAYS TEST	PREVENTIVE MR-0421	OUTAGE 82-07	TEST DUE	COMPLETED TESTS	MCC1A REACTOR BUILDING AND TURBINE BUILDING, 2400V, 480V
TECHNICAL SUPPORT CENTER	FACILITY CHANGE FC-03-80-1 MR-0238	OUTAGE 82-07	NEW EQUIPMENT	COMPLETED INSTALLATION	INSTALLED WIRING
FOXBORO INSTRUMENTATION RACK	FACILITY CHANGE FC-47-82-1 MR-0264 MR-0360	OUTAGE 82-07	NEW EQUIPMENT	COMPLETED INSTALLATION	INSTALLED EQUIPMENT
THERMOMETER INSTALLATION	FACILITY CHANGE FC-37-82-5 MR-0469	OUTAGE 82-07	NEW EQUIPMENT	COMPLETED INSTALLATION	INSTALLED THERMOMETER
MI CABLE FOR SAMPLE SYSTEM	FACILITY CHANGE FC-74-82-13 MR-0362	OUTAGE 82-07	NEW EQUIPMENT	COMPLETED INSTALLATION	INSTALLED CABLES

INSTRUMENT AND ELECTRICAL MAINTENANCE

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
WASTE WATER MONITOR	CORRECTIVE MR-0466	OUTAGE 82-07	UNKNOWN	INOPERATIVE FLOW METER	REPLACED TRANSISTOR
DILUTION DAMPER WEST STACK	CORRECTIVE MR-0460	OUTAGE 82-07	USAGE	DAMPER INOPERATIVE	CLEANED LIMIT SWITCHES
FIRE DOOR MACHINE SHOP TO MEZZANINE	CORRECTIVE MR-0474	OUTAGE 82-07	USAGE	ALARM "ON"	ADJUSTED LIMIT SWITCH
CONTROL ROD DRIVE (CRD) #24 FULL IN LIGHT	CORRECTIVE MR-0473	OUTAGE 82-07	USAGE	LAMP "OUT"	REPLACED LAMP
CRD HYDRAULIC SYSTEM LEVEL ALARM	CORRECTIVE MR-0368	OUTAGE 82-07	NORMAL USAGE	ALARM INOPERATIVE	REPLACED ALARM UNIT
DIESEL START BATTERY STRAPS	CORRECTIVE MR-0459	OUTAGE 82-07	USAGE	ACID BURN THROUGH	REPLACED STRAPS
TSC WIRING TO "J" BOX	FACILITY CHANGE FC-03-80-1 MR-0312	OUTAGE 82-07	NEW EQUIPMENT	COMPLETED WIRING	COMPLETED WIRING
FIRE DETECTOR 6-1	CORRECTIVE MR-0499	OUTAGE 82-07	CONTAMINATION	SENSITIVITY LOW	CLEANED DETECTOR
1A AND 1B DIESEL GENERATOR	PREVENTIVE MR-0490	OUTAGE 82-07	TEST DUE	COMPLETED TEST	MEGGERED GENERATOR
WATER LEVEL UNIT 1	MODIFICATION MR-0428	OUTAGE 82-07	NEW EQUIPMENT	RECALIBRATE	COMPLETED RECALIBRATION
SEAL INJECTION MAKE-UP VALVE	CORRECTIVE MR-0424	OUTAGE 82-07	USAGE	IMPROPER POSITION	REALIGNED FEEDBACK ARM

INSTRUMENT AND ELECTRICAL MAINTENANCE

<u>EQUIPMENT</u>	<u>NATURE OF MAINTENANCE</u>	<u>LER OR OUTAGE NUMBER</u>	<u>MALFUNCTION</u>		<u>CORRECTIVE ACTION</u>
			<u>CAUSE</u>	<u>RESULT</u>	
REACTOR HEAD THERMOCOUPLES	CORRECTIVE MR-0431	OUTAGE 82-07	INSTALLATION DAMAGE	T.C. INOPERATIVE	REPLACED H ₂ AND H ₃ T.C.
SEAL INJECTION PUMP BREAKER	CORRECTIVE MR-0434	OUTAGE 82-07	UNKNOWN	BREAKER INOPER- ATIVE	TIGHTENED LOOSE SCREW IN LINKAGE

MECHANICAL MAINTENANCE DEPARTMENT

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
TURBINE	PREVENTIVE MR-0244	OUTAGE 82-07	NA	NA	5-YEAR INSPECTION AND REASSEMBLY
GENERATOR	PREVENTIVE MR-0245	OUTAGE 82-07	NA	NA	5-YEAR INSPECTION
TURBINE OIL FILTRATION SYSTEM	NEW INSTALLATION MR-0357	OUTAGE 82-07	NA	NA	NEW SYSTEM
REACTOR HEAD; INSTALLATION OF INSULATION AND PLUGS	REFUELING	OUTAGE 82-07	NA	NA	REFUELING
SEISMIC RESTRAINTS	NEW INSTALLATION FACILITY CHANGES FC-74-81-9 FC-53-80-2	OUTAGE 82-07	NA	NA	INSTALLED
LIQUID SAMPLING SYSTEM	NEW INSTALLATION FACILITY CHANGE FC-71-80-1	OUTAGE 82-07	NA	NA	NEW INSTALLATION
CONTROL ROD DRIVE (CRD) FRAME NO. 24	CORRECTIVE MR-0419	OUTAGE 82-07	WEAR	GAS LEAK	PREVENTIVE MAINTENANCE (P.M.) ON ROD
CRD FRAME NO. 19	CORRECTIVE MR-0446	OUTAGE 82-07	O-RING ROLLED ON ASSEMBLY	PYDRAUL LEAK	INSTALLED NEW O-RING AND BACKUP
CRD FRAME NO. 4	CORRECTIVE MR-0445	OUTAGE 82-07	WORN SEAL	PYDRAUL IN TRANSMISSION OIL	INSTALLED NEW MOTOR SEAL AND NEW CLUTCH

MECHANICAL MAINTENANCE

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
1B CRD CHARGING PUMP	CORRECTIVE MR-0448	OUTAGE 82-07	WORN PUMP CASE	LOW DISCHARGE PRESSURE	INSTALLED NEW PUMP
1A & 1B CRD CHARGING PUMP	CORRECTIVE MR-0440	OUTAGE 82-07	WORN PUMP CASE	LOW DISCHARGE PRESSURE	INSTALLED TWO NEW PUMPS
1B CRD REGULATOR VALVE	CORRECTIVE MR-0440	OUTAGE 82-07	WEAR	PRESSURE TOO LOW	INSTALLED NEW VALVE
1A & 1B M.D.S. VALVES	SUBSTITUTION MR-0176	OUTAGE 82-07	SUBSTITUTION REQUEST	NA	INSTALLED NEW DIAPHRAGM
CRD HYDRAULIC CHARGING SYSTEM RESERVOIR	MODIFICATION MR-0466	OUTAGE 82-07	NA	NA	PROVIDED FULL LENGTH SIGHT GLASS
1A ALTERNATE CORE SPRAY/HPSW DIESEL PUMP	PREVENTIVE FACILITY CHANGE FC-38-81-1 MR-0276	OUTAGE 82-07	NA	NA	ADDED EXTRA STAGE
MAKE-UP DEMINERALIZER CAUSTIC VALVE	CORRECTIVE MR-0458	OUTAGE 82-07	BROKEN DIAPHRAGM	DID NOT OPEN	INSTALLED NEW DIAPHRAGM
REHEATER LEVEL CHAMBER SIGHT GLASS	CORRECTIVE MR-0083	OUTAGE 82-07	WRONG TORQUE FROM FACTORY	WATER LEAK	NEW GASKETS, MICAS AND CUSHION GASKETS
FIRE HYDRANTS	PREVENTIVE MR-0494	OUTAGE 82-07	NA	NA	SEMI-ANNUAL INSPECTION ON HYDRANTS
1B DIESEL WATER PUMP	PREVENTIVE MR-0488	OUTAGE 82-07	NA	NA	MONTHLY PREVENTIVE MAINTENANCE
CONTROL ROD SHEAR	PREVENTIVE MR-0489	OUTAGE 82-07	INSPECTION OF CONTROL ROD FOR BORON LOSS	NA	WORKING WITH GENERAL ELECTRIC CUTTING ROD

JUNE 1982

MECHANICAL MAINTENANCE

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
PREVENTIVE MAINTENANCE	PREVENTIVE	OUTAGE 82-07	NA	NA	MONTH OF JUNE PREVENTIVE MAINTENANCE
AIR CONDITIONING ANNUAL INSPECTION	PREVENTIVE	OUTAGE 82-07	NA	REQUIRE PARTS	ROUTINE SERVICE AND INSPECTION
SPENT RESIN SHIPMENT	PREVENTIVE	OUTAGE 82-07	NA	NA	SHIPPED SPENT RESINS TO DISPOSAL SITE
1B HPSW PUMP	PREVENTIVE MR-0478	OUTAG 82-07	NA	NA	REPLACED ANTI-REVERSING CLUTCH IN RIGHT ANGLE DRIVE