

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

AUGUST 1982

The refueling outage which commenced April 9, 1982 continued through the August reporting period, with the reactor remaining shutdown the entire period.

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

OPERATING DATA REPORT

DOCKET NO. 50-409
 DATE 09/09/82
 COMPLETED BY G. R. GADOW
 TELEPHONE 608-689-2331

OPERATING STATUS

1. Unit Name: La Crosse Boiling Water Reactor
2. Reporting Period: 0001, 08-01-82 to 2400, 08-31-82
3. Licensed Thermal Power (MW_t): 165
4. Nameplate Rating (Gross MW_e): 65, 3
5. Design Electrical Rating (Net MW_e): 50
6. Maximum Dependable Capacity (Gross MW_e): 50
7. Maximum Dependable Capacity (Net MW_e): 48
8. If Changes Occur in Capacity Ratings (Items 3 Through 7) Since Last Report, Give Reasons:

NOTES:

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

	<u>This Month</u>	<u>Yr.-to-Date</u>	<u>Cumulative</u>
11. Hours In Reporting Period	744	5,831	112,490
12. Nurier Of Hours Reactor Was Critical	0	1,796.6	73,070.2
13. Reactor Reserve Shutdown Hours	0	0	478
14. Hours Generator On-Line	0	1,706.2	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)	-392	52,759	2,540,751
19. Unit Service Factor	0	29.3	59.9
20. Unit Availability Factor	0	29.3	60.0
21. Unit Capacity Factor (Using MDC Net)	0	18.9	47.1
22. Unit Capacity Factor (Using DER Net)	0	18.1	45.2
23. Unit Forced Outage Rate	0	27.6	8.1

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
 NOTE: Please correct last month corrected note should have been line #21 instead of line #22.

25. If Shut Down At End Of Report Period, Estimated Date of Startup: October 1, 1982
 26. Units In Test Status (Prior to Commercial Operation):
- | | <u>Forecast</u> | <u>Achieved</u> |
|----------------------|-----------------|-----------------|
| INITIAL CRITICALITY | ----- | ----- |
| INITIAL ELECTRICITY | ----- | ----- |
| COMMERCIAL OPERATION | ----- | ----- |

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-409

UNIT LACBWR

DATE 09/09/82

COMPLETED BY G. R. GADOW

TELEPHONE 608-689-2331

MONTH	<u>AUGUST</u>		
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>0</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 09/09/82
 COMPLETED BY G. R. GADOW
 TELEPHONE 608-689-2331

REPORT MONTH AUGUST, 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	744	C	1	NA	NA	NA	Scheduled Refueling and 5 year Turbine overhaul outage. Expected duration of 25 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 1 - Same Source

INSTRUMENT AND ELECTRICAL MAINTENANCE

OUTAGE WORK EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
SECURITY CAMERA 6 & 8	CORRECTIVE MR-0609	OUTAGE 82-07	USAGE	POOR PICTURE	REPLACED VIDICON TUBES
LEVEL CONVERTER SECURITY	CORRECTIVE MR-0592	OUTAGE 82-07	UNKNOWN	INOPERATIVE	REPLACED MUX 2 & 3
SECURITY MICROWAVE 20-6	CORRECTIVE MR-0588	OUTAGE 82-07	USAGE	INOPERATIVE	REPLACED BATTERY
SECURITY TESTING	PREVENTIVE	OUTAGE 82-07	TEST DUE	COMPLETED TESTS	ANNUAL TEST COMPLETED
SECURITY DOOR SWITCH 48-6	CORRECTIVE MR-0613	OUTAGE 82-07	UNKNOWN	ALARMING	ADJUSTED SWITCH
SECURITY CARD READER 33	CORRECTIVE MR-0624	OUTAGE 82-07	UNKNOWN	NO ENTRY	REPLACED CARD READER
SECURITY "E" FIELD 19-4	CORRECTIVE MR-0636	OUTAGE 82-07	UNKNOWN	ALARMING	ADJUSTED SENSITIVITY
SECURITY CAMERA #9	CORRECTIVE MR-0636	OUTAGE 82-07	USAGE	POOR PICTURE	REPLACED VIDICON
SECURITY CAMERA #6	CORRECTIVE	OUTAGE 82-07	USAGE	POOR PICTURE	REPLACED AUTO LENSE
RADIATION RECORDER	CORRECTIVE MR-0593	OUTAGE 82-07	USAGE	POOR PRINTOUT	ADJUSTED DRIVE CLUTCH
PORTAL MONITOR TIMER	NEW INSTALLATION MR-0609	OUTAGE 82-07	NEW INSTALLATION	COMPLETED INSTALLATION	INSTALLED TIMER
NUCLEAR CHANNEL N-5 THRU N-8	PREVENTIVE	OUTAGE 82-07	TEST DUE	COMPLETED TESTS	COMPLETED TESTS

INSTRUMENT AND ELECTRICAL MAINTENANCE

OUTAGE WORK		LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
EQUIPMENT	NATURE OF MAINTENANCE		CAUSE	RESULT	
SAFETY SYSTEM CHANNELS 1, 2, H ₂ O-3	PREVENTIVE	OUTAGE 82-07	TEST DUE	COMPLETED TESTS	COMPLETED TESTS
COMPLETED STM PRESS/ VACUUM TEST	PREVENTIVE	OUTAGE 82-07	TEST DUE	COMPLETED TESTS	COMPLETED TESTS
INSTALLED HPCS PRESS/ FLOW IND.	FC.47-82-1 MR-0623/0497	OUTAGE 82-07	NEW INSTALLATION	COMPLETED INSTALLATION	COMPLETED INSTALLATION
RELOCATED SPING MONITOR IN CONTROL ROOM	FC.45-80-3 MR-0611	OUTAGE 82-07	RELOCATED INSTRUMENT	COMPLETED INSTALLATION	COMPLETED INSTALLATION
SCALER RESET SWITCH	CORRECTIVE MR-0633	OUTAGE 82-07	USAGE	SWITCH INOPERABLE	REPLACED SWITCH
SCALER COUNT RATE	CORRECTIVE MR-0549	OUTAGE 82-07	USAGE	INCORRECT COUNT RATE	ADJUSTED SENSITIVITY
DEMIN WATER CONTROL SWITCH	CORRECTIVE MR-0247	OUTAGE 82-07	INCORRECT SWITCH	SLIP TO RUN	INSTALLED NEW SWITCH
SWITCHYARD RECORDER	CORRECTIVE MR-0598	OUTAGE 82-07	RECORDER DROPPED	BENT FRAME	REPAIRED RECORDER
MAIN STEAM FLOW RECORDER	CORRECTIVE MR-0598	OUTAGE 82-07	CALIBRATION REQUEST	COMPLETED CALIBRATION	COMPLETED CALIBRATION
SAFETY SYSTEM CHANNEL 1 POWER SUPPLY	CORRECTIVE MR-0614	OUTAGE 82-07	USAGE	NO REGULATION	REPLACED POWER SUPPLY
VARIOUS 480 V LA 600 BKRS	CORRECTIVE MR-0618/0620	OUTAGE 82-07	USAGE	SLUGGISH OPERATION	ADJUST LINKAGE, REPLACED S-R COIL
STM. TO CONC. CONTROL VALVE	CORRECTIVE MR-0630	OUTAGE 82-07	VALVE OVERHAUL	COMPLETED OVERHAUL	AJUST STROKE AND LIMITSWITCHES

INSTRUMENT AND ELECTRICAL MAINTENANCE

OUTAGE WORK EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
1A STACK BLOWER DAMPER CONTROL	CORRECTIVE MR-0635	OUTAGE 82-07	DAMPER INOPERABLE	DAMPER INOPERABLE	CLEANED AND ADJUSTED CAM MOTOR
HVA SYSTEM PRESSURE	CORRECTIVE MR-0648	OUTAGE 82-07	USAGE	PRESS CONTROL HIGH	ADJUSTED LEVEL AND PRESSURE CONTROL
CONDENSATE LEVEL	CORRECTIVE MR-0650	OUTAGE 82-07	USAGE	LEVEL CONTROL STUCK	CLEANED FLOAT SWITCH ASSY.
CONTROL ROD DRIVE 10	CORRECTIVE MR-0646	OUTAGE 82-07	USAGE	BURNED OUT SOLENOID	REPLACED SOLENOID COIL
EXPANSION RE ORDER GEAR	CORRECTIVE MR-0655	OUTAGE 82-07	USAGE	GEAR SLIP	REPLACED GEAR
HPCS INDICATION	CORRECTIVE MR-0653	OUTAGE 82-07	NEW INSTALLATION	CHECK GAUGE	CALIBRATED GAUGE AND INDICATOR
1B ECC PUMP BKR	CORRECTIVE MR-0645	OUTAGE 82-07	UNKNOWN	BKR TRIP.	OVERHAULED BKR. AND BENCH TESTS
CONTROL ROD DRIVE 22	CORRECTIVE MR-0590	OUTAGE 82-07	USAGE	LAMP OUT	REPLACED LAMP
MEGGERED GENERATOR ROTOR	PREVENTIVE	OUTAGE 82-07	RETURN FROM OVERHAUL	COMPLETED TEST	MEGGERED SATISFACTORY

MECHANICAL MAINTENANCE DEPARTMENT

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
REACTOR SIGHTGLASS ISOLATION VALVE 50-28-025	CORRECTIVE MR-0077	OUTAGE 82-07	STEAM CUT NORMAL WEAR	LEAKING SEAT	LAPPED AND REPACKED
TURBINE STOP VALVE	PREVENTIVE MR-0587	OUTAGE 82-07	NA	NA	LAPPED
1A RFP OUTBOARD MECHANICAL SEAL	CORRECTIVE MR-0165	OUTAGE 82-07	NORMAL WEAR	MECHANICAL SEAL LEAKING	REPLACED SEAL PARTS
CONTAINMENT BUILDING AIR MONITOR	CORRECTIVE MR-0596	OUTAGE 82-07	NORMAL WEAR	VANES WORE OUT	REPLACED BRGS. AND VANES
REACTOR SIGHTGLASS TOP SHUTOFF VALVE 50-28-001	CORRECTIVE MR-0589	OUTAGE 82-07	STEAM CUT NORMAL WEAR	LEAKING SEAT	LAPPED AND REPACKED
STEAM REHEATER	PREVENTIVE MR-0413	OUTAGE 82-07	NA	NA	INSPECTED TUBES FOR CORROSION AND BUILDUP
TURBINE ROTOR - GENERATOR	PREVENTIVE	OUTAGE 82-07	NA	NA	REPAIRED ROTOR
1A AIR COMPRESSOR INTERCOOLER	CORRECTIVE MR-0605	OUTAGE 82-07	PLUGGED TUBES	HIGH DISCHARGE TEMPERATURE	CLEANED TUBES
DECAY HEAT PUMP MECHANICAL SEAL	CORRECTIVE MR-0384	OUTAGE 82-07	MECHANICAL SEAL SLIPPED	LEAKING MECHANICAL SEAL	REPLACED MECHANICAL SEAL
CRD CHARGING PUMP 1B	CORRECTIVE MR-0569	OUTAGE 82-07	OIL STARVATION	LOW PRESSURE	INSTALLED NEW PUMP
1B WASTE WATER PUMP SUCTION VALVE	CORRECTIVE MR-0632	OUTAGE 82-07	NORMAL WEAR	DIAPHRAGM LEAKING	INSTALLED NEW DIAPHRAGM
1B SEAL WATER PUMP	CORRECTIVE MR-0631	OUTAGE 82-07	NORMAL WEAR	LEAKING MECHANICAL SEAL	INSTALLED NEW MECHANICAL SEAL

MECHANICAL MAINTENANCE DEPARTMENT

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
HPCS SYSTEM	FC.53-82-3 MR-0582	OUTAGE 82-07	NA	NA	INSTALLED FLOW ORIFICE
LOWER CRD #9	CORRECTIVE MR-0644	OUTAGE 82-07	UNKNOWN	STICKY SOLENOID	REMOVED #10 FRAME, INSTALLED #19 FRAME
1A AND 1B CRD CHARGING PUMPS	CORRECTIVE MR-0640	OUTAGE 82-07	UNKNOWN	LOW PRESSURE	INSTALLED NEW PUMPS 1A AND 1B
LOWER CRD #9	CORRECTIVE MR-0646	OUTAGE 82-07	UNKNOWN	BROKEN WIRE	REMOVED #19 FRAME, INSTALLED #10 FRAME
1A FCP UPPER INJECT VALVE #64-23-066	PREVENTIVE MR-0643	OUTAGE 82-07	REQUEST	NA	INSPECTED
REHEAT DRAIN VALVE #64-23-066	CORRECTIVE MR-0639	OUTAGE 82-07	NORMAL WEAR	LEAKING SEAT	NEW PARTS
HP DRAIN VALVE #64-23-067	CORRECTIVE MR-0639	OUTAGE 82-07	NORMAL WEAR	LEAKING SEAT	NEW PARTS
1A FCP	CORRECTIVE MR-0643	OUTAGE 82-07	NO SEAL WATER	WORE OUT UPPER SEAL RINGS	NEW UPPER SEAL RINGS