

La Crosse Boiling Water Reactor (LACBWR)

Annual Report - 1993

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POSSESSION-ONLY LICENSE NO. DPR-45

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DESCRIPTION OF CHANGES, TESTS, AND EXPERIMENTS

1993

FACILITY CHANGES

The following Facility Changes, which did not require prior NRC approval, were physically completed in 1993. None of these facility changes were safety related.

- 19-91-16 INSTALL A LEVEL DETECTOR AND SAMPLING CONNECTION ON THE SAMPLING CONNECTION ON THE WASTE OIL SEPARATOR
- 32-93-11 REMOVE AND DISPOSE OF THE 6000# NITROGEN CHARGING SYSTEM
- 32-93-12 REMOVAL AND DISPOSAL OF LOWER CONTROL ROD DRIVE MECHANISMS
- 37-93-18 OBTAINING CORE SAMPLES FROM BIOLOGICAL SHIELD ADD. 1, FINAL 10/18/93 ADD. 2, FINAL
- 46-93-05 DISCONNECT UNNEEDED ALARMS FROM MAIN CONTROL PANELS B, C, D, & E
- 47-92-03 MOVE TEMPERATURE RECORDER FROM REACTOR PLANT TO NEW RECORDER. ADDENDUM 2, APPROVED 7/08/93
- 55-92-19 REMOVE OFF-GAS SYSTEM OFF-GAS DRYERS
- 55-92-20 REMOVE OFF-GAS SYSTEM FILTERS
- 55-92-21 REMOVE OFFGAS SYSTEM PIPING, RECOMBINER, RECOMBINER CONDENSER AND INSTRUMENTATION ADDENDUM 1, 4/93
- 55-92-22 REMOVE 4" OFFGAS HEADER FROM VALVE 55-24-79 (INCLUDING VALVE) TO VALVE 55-24-005, SEE ADDENDUM 1
- 58-91-14 MOVE IN-LINE CONDUCTIVITY CELL FROM FEEDWATER SYSTEM TO FESW SAMPLE LINE
- 67-90-04 INSTALL PIPING AND HARDWARE INSIDE / OUTSIDE TURBINE BLDG

- 67-92-07 REMOVE MAKEUP DEMIN SYSTEM WITH EXCEPTION OF NEEDED
TRANSFER PIPING. ADDENDUM 1, APPROVED 1-27-93
- 73-91-20 HEATING BOILER SYSTEM LEVEL ALARM & SOLENOID VALVE
INSTALLATION
- 74-92-40 INSTALL 100A ELECTRICAL DISTRIBUTION PANEL IN COAL LAB
- 75-87-07 EXTEND SPRINKLER FLUSHING CONNECTIONS
- 75-93-11 INSTALLATION OF SAMPLE POINTS IN HPSW DISCHARGE PIPING TO
MONITOR ZEBRA MUSSELS INFESTATION
- 83-93-03 REDESIGNATE ESWSS PUMPS AS "BACKUP FIREFIGHTING PUMPS" AND
MOVE TO #3 WAREHOUSE
- 87-91-18 REMOVE SECURITY CARD READERS FROM THE WTB, TB AND CB
- 97-92-01 REMOVE GLAND STEAM GENERATOR (ADDENDUM 1 ADD 03/29/93).
FINAL APPROVED 04/27/93

DESCRIPTION OF CHANGES, TESTS, AND EXPERIMENTS - (cont'd)

TESTS

There were no tests performed during 1993 which required prior NRC approval.

EXPERIMENTS

There were no experiments conducted during 1993.

SAFETY VALVE FAILURES AND OPERATIONS

There were no safety valve failures or operations for pressure relief purposes during 1993.

APPENDIX A

STANDARD FORMAT FOR REPORTING NUMBER OF PERSONNEL AND MAN-REM BY WORK AND JOB FUNCTION

Work & Job Function	<i>Number of Personnel (>100 mrem)</i>			<i>Total Man-Rem</i>		
	Station Employees	Utility Employees	Contract Workers and Others	Station Employees	Utility Employees	Contract Workers and Others
<u>REACTOR OPERATIONS/SURVEILLANCE</u>						
Maintenance Personnel	3	0	0	0.673	0.011	0.123
Operating Personnel	4	0	0	0.986	0.000	0.000
Health Physics Personnel	4	0	0	0.986	0.000	0.000
Supervisory Personnel	1	0	0	0.430	0.000	0.090
Engineering Personnel	0	0	0	0.047	0.023	0.000
<u>ROUTINE MAINTENANCE</u>						
Maintenance Personnel	0	0	0	0.094	0.000	0.000
Operating Personnel	0	0	0	0.046	0.000	0.000
Health Physics Personnel	0	0	0	0.000	0.000	0.000
Supervisory Personnel	0	0	0	0.000	0.000	0.000
Engineering Personnel	0	0	0	0.000	0.000	0.000
<u>INSERVICE INSPECTION</u>						
Maintenance Personnel	0	0	0	0.000	0.000	0.000
Operating Personnel	0	0	0	0.000	0.000	0.000
Health Physics Personnel	0	0	0	0.000	0.000	0.000
Supervisory Personnel	0	0	0	0.000	0.000	0.000
Engineering Personnel	0	0	0	0.000	0.000	0.000
<u>SPECIAL MAINTENANCE</u>						
Maintenance Personnel	0	0	1	0.316	0.000	0.144
Operating Personnel	0	0	0	0.174	0.000	0.000
Health Physics Personnel	0	0	0	0.097	0.000	0.000
Supervisory Personnel	0	0	0	0.000	0.000	0.000
Engineering Personnel	0	1	0	0.003	0.282	0.000

APPENDIX A - (cont'd)

Work & Job Function	<i>Number of Personnel (>100 mrem)</i>			<i>Total Man-Rem</i>		
	Station Employees	Utility Employees	Contract Workers and Others	Station Employees	Utility Employees	Contract Workers and Others
<u>WASTE PROCESSING</u>						
Maintenance Personnel	7	1	0	3.037	0.159	0.000
Operating Personnel	1	0	0	0.114	0.000	0.000
Health Physics Personnel	0	0	0	0.047	0.000	0.000
Supervisory Personnel	0	0	0	0.000	0.000	0.000
Engineering Personnel	0	0	0	0.000	0.000	0.000
<u>DEFUELING</u>						
Maintenance Personnel	0	0	0	0.000	0.000	0.000
Operating Personnel	0	0	0	0.000	0.000	0.000
Health Physics Personnel	0	0	0	0.000	0.000	0.000
Supervisory Personnel	0	0	0	0.000	0.000	0.000
Engineering Personnel	0	0	0	0.000	0.000	0.000
<u>TOTAL</u>						
Maintenance Personnel	8	1	1	4.120	0.170	0.260
Operating Personnel	4	0	0	1.320	0.000	0.000
Health Physics Personnel	2	0	0	1.130	0.000	0.000
Supervisory Personnel	0	0	0	0.430	0.000	0.090
Engineering Personnel	0	1	0	0.050	0.305	0.000
GRAND TOTAL	14	2	1	7.050	0.475	0.350