


MEETING SUMMARY

Licensee: Louisiana Power and Light Company
Facility: Waterford 3 Steam Electric Station
License No.: NPF-38
Docket No.: 50-382
Subject: Current Status and Plant Activities

On October 2, 1985, representatives of Louisiana Power and Light Company (LP&L) met with Region IV personnel in Arlington, Texas, to discuss general plant status. The attendance list is attached as Appendix A to this summary. The meeting was held at the request of Mr. R. S. Leddick, Senior Vice President, Nuclear Operations, of LP&L.

Topics covered included recent major events and milestones achieved, upcoming major events, the recent main turbine generator outage, current operations training activities, and environmental qualification (EQ) program status and plans for program consolidation. Discussion outlines are attached as Appendix B to this summary. LP&L stated that the EQ program was implemented and would be verified to be in full compliance with 10 CFR 50.49 by November 30, 1985.


G. L. Constable, Chief
Reactor Projects Section C

10/16/85
Date

8510310124 851023
PDR ADOCK 05000382
P PDR

APPENDIX A

ATTENDANCE LIST

Attendance at the LP&L/NRC meeting on October 2, 1985, at the NRC Region IV office.

LP&L

R. Leddick, Senior, Vice President - Nuclear Operations
L. Bass, Assistant Project Manager
T. Gerrets, Corporate Quality Assurance Manager
K. Cook, Nuclear Support and Licensing Manager
R. Barkhurst, Plant Manager
F. Drummond, Manager - Nuclear Services

NRC - Region IV

R. D. Martin, Regional Administrator
P. S. Check, Deputy Regional Administrator
R. P. Denise, Director, Division of Reactor Safety and Projects
E. H. Johnson, Deputy Director, Division of Reactor Safety and Projects
G. L. Constable, Chief, Section C, Reactor Projects Branch
T. A. Flipppo, Resident Inspector

MAJOR EVENTS SINCE LAST VISIT

- TURBINE GENERATOR OUTAGE
- COMMERCIAL OPERATIONS (SMOOTH STARTUP FROM 70 DAY OUTAGE)
- CLOSED 1,229 CIWA'S DURING OUTAGE
- FINALIZED INPO REPORT (9/26/85)
EXPECT FINAL REPORT IN 1-2 WEEKS

UPCOMING MAJOR EVENTS

- 100HR WARRANTY RUN (CE)
- MSS SYSTEM CAPACITY TEST
 - HEATER DRAINS
 - CONDENSER VENTING (CIRC. WATER BOXES)
- COMPLETE PHASE III STARTUP REPORT

WATERFORD 3 SES
MILESTONES TO COMMERCIAL OPERATION

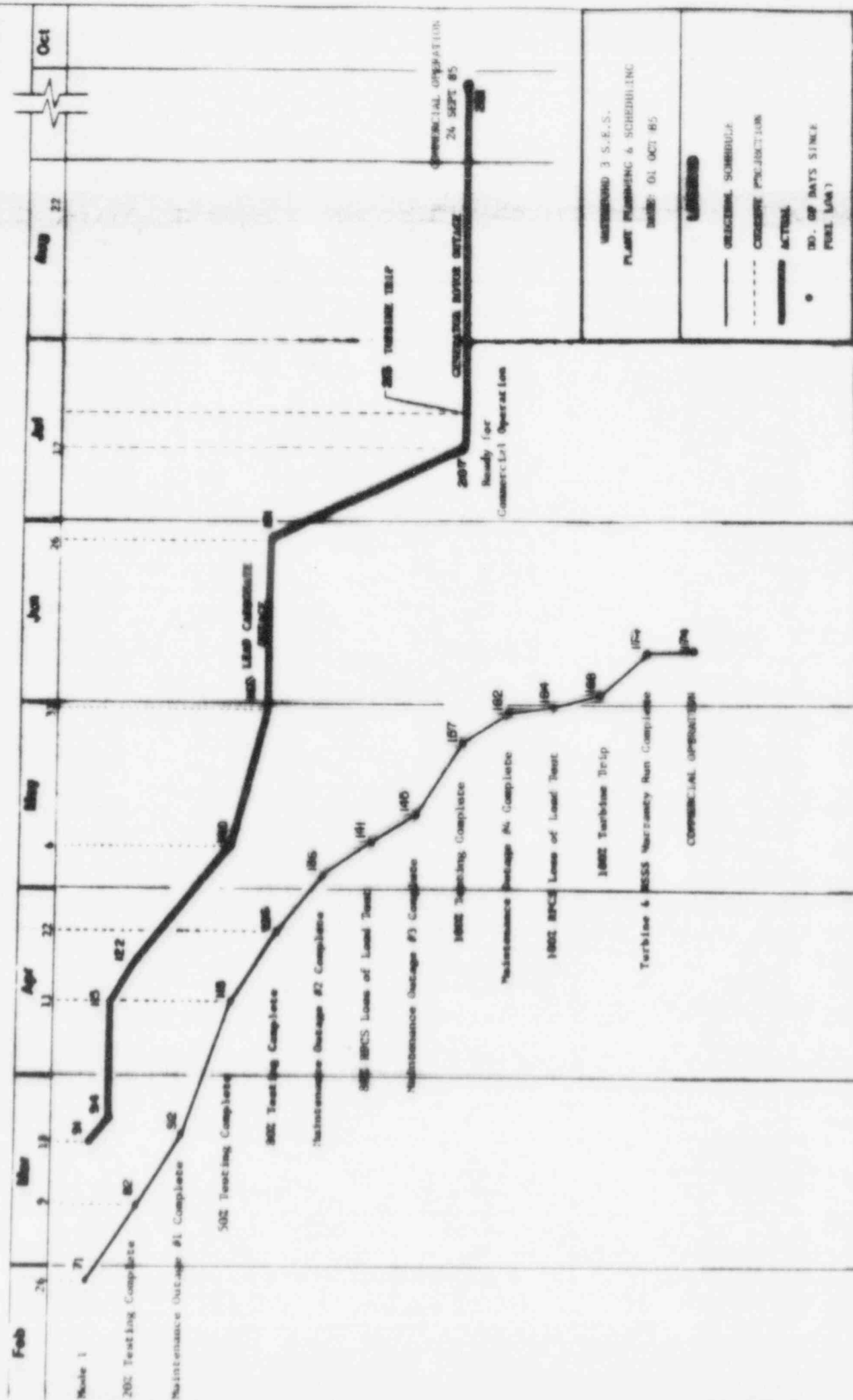
ACCOMPLISHED TO DATE

<u>MILESTONE EVENT</u>	<u>SCHEDULED</u>	<u>ACTUAL</u>
FUEL LOAD START	12/18/84	12/18/84
FUEL LOAD COMPLETE	12/26/84	12/23/84
BEGIN REACTOR REASSEMBLY	12/27/84	12/25/84
OPERATIONAL MODE 5, COLD SHUTDOWN	01/02/85	12/30/84
TURBINE ON TURNING GEAR	01/02/85	01/02/85
RCS FILL & VENT COMPLETE	01/06/85	01/07/85
RCS AT 120°F/150 PSI	01/07/85	01/08/85
TURBINE VACUUM, SECONDARY CLEANUP COMPLETE	01/08/85	01/10/85
OPERATIONAL MODE 4, HOT SHUTDOWN	01/13/85	01/23/85
OPERATIONAL MODE 3, HOT STANDBY	01/21/85	02/01/85
NORMAL OPERATING TEMPERATURE/PRESSURE	01/22/85	02/04/85
HOT FUNCTIONAL TESTING COMPLETE	02/12/85	02/14/85
OPERATIONAL MODE 2, STARTUP	02/18/85	03/04/85
LOW POWER PHYSICS TESTING COMPLETE	02/23/85	03/10/85
OPERATIONAL MODE 1, POWER OPERATION	02/26/85	03/18/85
20% TESTING COMPLETE	03/09/85	04/18/85
50% TESTING COMPLETE	04/11/85	05/06/85
80% TESTING COMPLETE	04/22/85	06/26/85
100% TESTING COMPLETE	05/23/85	07/12/85

	<u>SCHEDULED</u>	<u>READY</u>	<u>ACTUAL</u>
COMMERCIAL OPERATION	06/08/85	07/12/85	09/24/85

WATERFORD 3 S.E.S.
PLANT PLANNING & SCHEDULING
DATE: 01 OCT 85

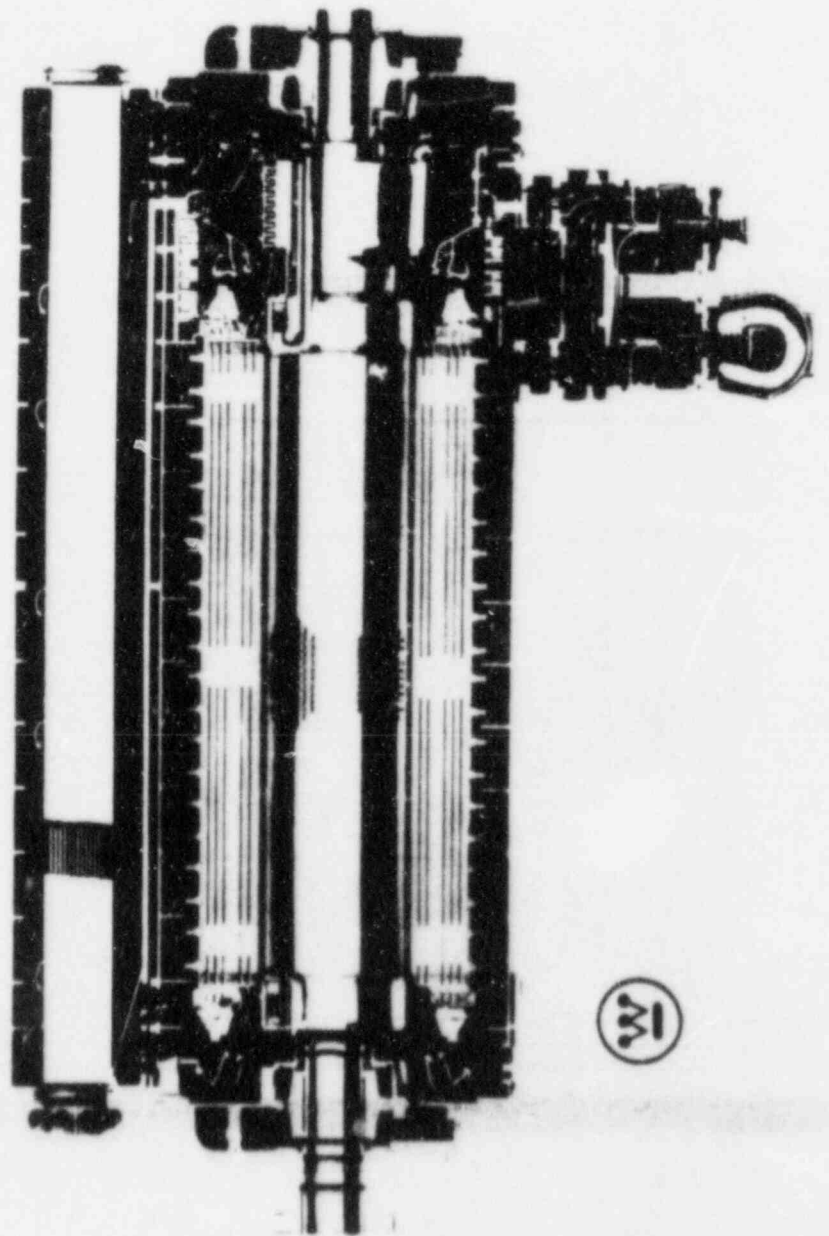
WATERFORD 3 S.E.S. POWER ASCENSION PROJECTIONS



THS
10/01/85

MAIN TURBINE GENERATOR OUTAGE

- SEVERE VIBRATION SEEN BETWEEN NO. 3 LOW PRESSURE TURBINE AND MAIN GENERATOR
- NO. 3 LOW PRESSURE TURBINE DISASSEMBLED
- TURBINE INSPECTION REVEALED SOME BLADE DAMAGE BUT NOT OF THE EXTENT TO CAUSE THE VIBRATION EXPERIENCED
- BOROSCOPE INSPECTION OF MAIN GENERATOR REVEALED SOME CORROSION ON RETAINING RINGS
- PREPARATIONS MADE TO REPLACE NO. 3 LOW PRESSURE ROTOR AND REPAIR STATIONARY BLADING
- REMOVED MAIN GENERATOR ROTOR TO INSPECT THE RETAINING RINGS
- SHAFT BORE PLUG FOUND ADRIFT IN BULLGEAR INDICATING A DEFINITE CAUSE OF THE VIBRATION
- NO. 3 LOW PRESSURE TURBINE STATIONARY BLADING REPAIRED, SPARE ROTOR INSTALLED, AND TURBINE REASSEMBLED
- RETAINING RING INSPECTION REVEALED POSSIBLE CRACKING-- WESTINGHOUSE STRONGLY RECOMMENDED RETAINING RING REPLACEMENT
- NEW ALLOY RETAINING RINGS SHIPPED TO WATERFORD 3
- NEW ALLOY RETAINING RINGS INSTALLED ON GENERATOR ROTOR
- ROTOR REINSTALLED IN GENERATOR; GENERATOR REASSEMBLED



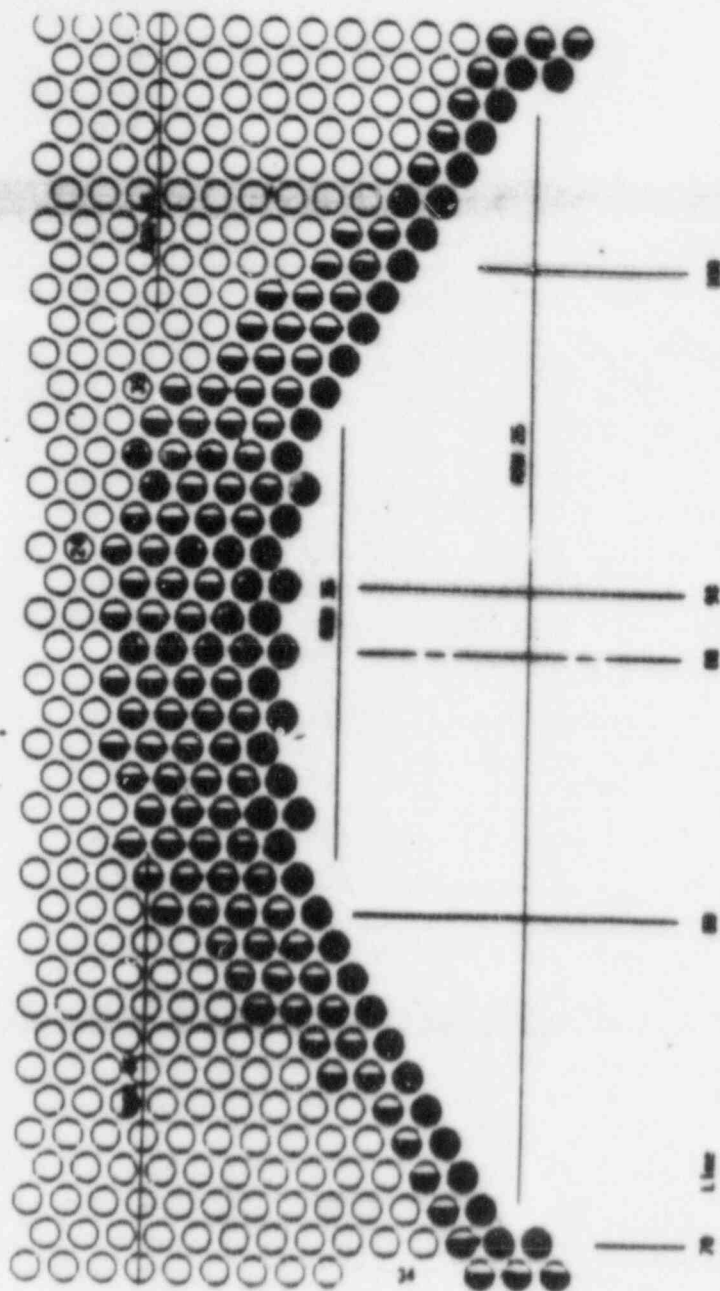
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10/02/85

- 0 STEAM GENERATOR PLUGGING RESULTED IN
5.7 MAN-REM
- 0 PLUGGED 298 TUBES (INCLUDES TUBES STAKED)
- 0 STAKED 78 TUBES
- 0 MAP OF TUBE SHEET SHOWING FINAL PLUGGING
PATTERN

Plugging and Staking Pattern
(Hot and Cold Legs Symmetrical)



20 1. line
● Plugged only
● Staked and Plugged

HW-1238-0640

Attachment 10-1

10/02/85

CURRENT OPERATIONS TRAINING ACTIVITIES

- 0 COMPLETED WEEK 48 OF 52 LICENSED OPERATOR REPLACEMENT PROGRAM.
- 0 SRO REPLACEMENT - COMPLETED WEEK 19 OF 24
 - 0 5 SRO's OPERATIONS 14 RO OPERATIONS
 - 0 2 SRO's STA 4 SRO INSTRUCTOR CERT.
- 0 TOTAL LICENSES RO - 10 SRO - 24
- 0 TOTAL LICENSES IN OPERATIONS RO - 10 SRO - 15
- 0 SHIFT ADVISOR TRAINING PROGRAM - COMPLETED
- 0 MANAGEMENT PLANT CERTIFICATION - COMPLETED WEEK 14 OF 14

10/2/85

EQ PROGRAM STATUS

PRESENT

- 10 CFR 50.49
 - NO EXCEPTIONS REQUESTED
 - BORG WARNER ACTUATORS
 - QUALIFIED EQUIPMENT (WALKDOWNS & REVIEWS)
- JOINED NUCLEAR UTILITY GROUP ON EQ (EPM)
- EXISTING PROGRAM
 - NUREG 0588 RESPONSE
 - EQ DOCUMENTATION FILE PREPARATION
 - ENGINEERING EQ REVIEWS
 - PLANT MAINTENANCE EQ ACTIVITIES

10/2/85

EQ PROGRAM STATUS

FUTURE

- CONSOLIDATED PROGRAM
 - TASK GROUP TO PREPARE NOP
 - COORDINATION OF EFFORTS
 - REVISION OF PROCEDURES
 - TRAINING
 - EQ DATA BASE

10/2/85

EQ PROGRAM STATUS

DIVISION OF RESPONSIBILITIES

PROJECT MANAGEMENT (D. E. DOBSON)

RECORDS MANAGEMENT
ESTABLISH BASELINE
REFINE DATA BASE
PROCUREMENT (MODS)
PURCHASING
EQ EVALUATIONS
PRE ENGINEERED ITEMS

PLANT OPERATIONS (R. P. BARKHURST)

WAREHOUSE
MAINTENANCE
TRENDING
OPERATIONS
QC
PROCUREMENT (MAINT.)
EQ EVALUATIONS
TRAINING

NUCLEAR SERVICES (F. J. DRUMMOND)

LICENSING
NRC CORRESPONDENCE
REPORTING TO NRC

QUALITY ASSURANCE (T. F. GERRETS)

QA AUDITS
VENDOR SURVEILLANCE

EQUIPMENT QUALIFICATION (EQ) ACTIVITY PLAN (DETAILED)

Prepared 9/21/85
Revised 9/30/85
DRAFT - LLS

