



MIDDLE SOUTH  
UTILITIES SYSTEM

**LOUISIANA**  
POWER & LIGHT

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May 10, 1985

W3P85-1263  
A4.05

Director of Nuclear Reactor Regulation  
Attention: Mr. G. W. Knighton, Chief  
Licensing Branch No. 3  
Division of Licensing  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Dear Mr. Knighton:

Subject: Waterford 3 SES  
Docket No. 50-382  
License No. NPF-38  
INITIAL TEST PROGRAM

Reference: Waterford 3 FSAR, Chapter 14

This submittal is made in accordance with 10CFR50.59(b) and the license condition in Section 2.C.10 of the subject license. Reported herewith are some changes made to the Waterford 3 Initial Test Program, as described in reference 1, as amended through Amendment No. 36.

The attached marked-up page 14.2-136 (Amendment 18) of the Waterford 3 FSAR reflects the changes made in test subsection 14.2.12.3.31, Control Systems Checkout. The Megawatt Demand Setter (MDS) was deleted as a test prerequisite because our current plant design does not have an MDS. Boron concentration is deleted under acceptance criteria since it is maintained manually not by a control system. These changes to the initial test program do not involve a change in the license technical specifications or an unreviewed safety question. LP&L has conducted and documented the required 10CFR50.59 safety evaluation.

LP&L will provide the FSAR change in accordance with 10CFR50.71(e) requirements. The original plus 39 copies of this report transmittal are provided in accordance with 10CFR50.59(b).

Very truly yours,

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PDR ADDCK 05000382  
P PDR

  
K.W. Cook

Nuclear Support & Licensing Manager

KWC:GEW:sms

cc: R.D. Martin, D.M. Crutchfield, J.H. Wilson, NRC Resident Inspectors  
Office, INPO Records Center (J.T. Wheelock), E.L. Blake, W.M. Stevenson

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14.2.12.3.31	<u>CONTROL SYSTEMS CHECKOUT</u>	15
14.2.12.3.31.1	Objective	8
To demonstrate that various control systems operate satisfactorily during steady-state and transient conditions.		15
14.2.12.3.31.2	Prerequisites	8
A.	The Reactor Regulating System (RRS), Feedwater Control System (FWCS), Steam Bypass Control System (SBCS), <del>Megawatt Demand Setter (MDS)</del> , Pressurizer Level and Pressure Control System, Hotwell Level Control System, and Boration/Dilution Systems are in operation or are operable.	15
B.	The plant is operating at the applicable power level (20, 50, 80 and 100 percent).	8
14.2.12.3.31.3	Test Method	15
A.	Monitor control systems' performance during steady-state operation (20, 50, 80, and 100 percent), and following selected plant trips.	15
B.	Monitor control systems' performance during step and ramp unit load changes (50 and 100 percent).	18
C.	Initiate control system transients on selected control systems, and monitor system response (20, 50, 80, and 100 percent).	8
14.2.12.3.31.4	Acceptance Criteria	15
A.	The control systems maintain reactor power, Reactor Coolant System (RCS) temperature, <sup>and</sup> pressurizer pressure and level, <del>and boron concentration</del> within acceptable ranges during both steady-state and transient operation.	15
B.	The control systems maintain the steam generator levels and pressures, turbine-generator load, and hotwell level within acceptable ranges during both steady-state and transient operation.	

LP&amp;L W-3 RECORDS

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