

**ATTACHMENT 7
LICENSE AMENDMENT REQUEST
EXTENDED POWER UPRATE**

SUMMARY OF REGULATORY COMMITMENTS

**FLORIDA POWER AND LIGHT
ST. LUCIE NUCLEAR PLANT, UNIT 1**

This coversheet plus 1 pages

ATTACHMENT 7 SUMMARY OF REGULATORY COMMITMENTS

Introduction

The regulatory commitments listed below are intended to maintain compliance with regulatory requirements during preparation for and upon EPU implementation. The commitments are based upon the plant changes summarized in license amendment request (LAR) Attachment 5, EPU Licensing Report. These commitments will be completed prior to the final implementation of EPU, which is currently scheduled for the conclusion of Fall 2011 refueling outage.

REGULATORY COMMITMENTS

1. Update the Inservice Testing Program to reflect changes to plant pumps and valves under EPU conditions.
2. Provide operator training to account for increased EPU power level and resultant plant changes.
3. Perform additional reactor auxiliary building HVAC motor environmental qualification or modification of the components identified in LR Section 2.3.1, Environmental Qualification of Electrical Equipment.
4. Implement modification(s) to increase safety injection tank design pressure for EPU conditions described in LR Section 2.8.5.6.3, Emergency Core Cooling System and Loss-of-Coolant Accidents.
5. Implement modification(s) necessary to accommodate the simultaneous hot and cold leg injection requirements for EPU conditions as described in LR Section 2.8.5.6.3, Emergency Core Cooling System and Loss-of-Coolant Accidents.
6. Implement modification(s) to install a leading edge flow meter (LEFM) as described in LR Section 2.4.4, Measurement Uncertainty Recapture Power Uprate, and update UFSAR Section 13.8, Licensee-Controlled Technical Specification Requirements, to include Limiting Conditions for Operation (LCO) and Action Statements for the LEFM system.
7. Implement modification(s) to the ac electrical busses as described in LR Section 2.3.3, AC Onsite Power System.
8. Revise the administrative controls for the main containment purge isolation valves such that they are maintained closed in MODES 1, 2, 3 and 4.
9. Implement modification(s) to pipe supports for systems impacted by loads due to EPU conditions, as described in LR Section 2.2.2.2, Balance of Plant Piping, Components, and Supports.
10. Revise applicable procedures to accommodate operator actions during station blackout at EPU conditions, as described in LR Section 2.11, Human Factors.