

APRIL 04 1988

L-88-136
10 CFR 50.71

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D. C. 20555

Gentlemen:


Re: St. Lucie Unit 2
Docket No. 50-389
Updated FSAR Revision 3

Pursuant to 10 CFR 50.71(e), Florida Power & Light Company has completed a revision of the St. Lucie Unit 2 Updated Final Safety Analysis Report (FSAR). The required ten copies of the revision are enclosed.

The enclosed information accurately presents changes completed since the previous submittal, necessary to reflect information and analyses submitted to the Commission or prepared pursuant to a Commission requirement. This revision includes activities completed between October 7, 1986 and October 5, 1987.

In addition, we have enclosed a list of Plant Changes/Modifications (PCM) which were completed under the provisions of 10 CFR 50.59 during this period. A brief description of the changes and a summary of the safety evaluation of each are submitted under a separate cover.

Very truly yours,


W. F. Conway
Acting Group Vice President
Nuclear Energy

WFC/GRM/gp

Enclosure

cc: Dr. J. Nelson Grace, Regional Administrator,
Region II, USNRC
Senior Resident Inspector, USNRC, St. Lucie Plant

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PLANT CHANGE/MODIFICATIONS (PC/MS) REVIEWED FOR PSL2 FSAR AMENDMENT

<u>PC/M NUMBER</u>	<u>TITLE</u>
182-283	SYSTEM THERMOCOUPLES
211-283	SECONDARY SYSTEM PIPING VIBRATION RESTRAINTS
486-283	CONDENSER WATERBOX WORK PLATFORMS
818-284	SEQUENCE OF EVENTS (SER) PRINTER
828-284	RCP SEAL INJECTION
829-284	CABLE LOFT HVAC SYSTEM
838-284	HEAT TRACING SETPOINT MODIFICATION
871-284	THERMOCOUPLE CABLE CHANGEOUT
877-284	PRESSURIZER HTR BUS DOOR LOUVERS
898-284	SS CONTAINMENT ISOLATION VALVE REPLACEMENT
176-284	MODIFICATION OF SPENT FUEL HANDLING TOOL
225-284	CEDM TEMPERATURE SWITCH SUPPORT MODIFICATION
226-284	APPENDIX R FIRE DAMPLERS INSTALLATION MODIFICATION
828-285	CONCENTRATOR HI-HI LEVEL FEED PUMP TRIP
853-285	CEDMCS POWER SUPPLY REPLACEMENT
885-285	ICW PUMP EXPANSION JOINT
181-285	MAIN FEEDWATER ISOLATION VALVE AIR CHECK VALVE
112-285	ESFAS TEST GROUP ASSIGN REVISIONS
132-285	REPLACEMENT OF RIS DEVICES
218-285	INSTRUMENT AIR UPGRADE TIE INS
816-286	RCP MOTOR ARRD BACKSTOP PIN DESIGN ENHANCEMENT
817-286	RCP MOTOR OIL SEAL MODIFICATION
836-286	TURBINE GENERATOR THRUST BEARING SECONDARY OIL SEAL
854-286	TORQUE SETTING-ADV ISOLATION VALVES
867-286	REPLACEMENT OF VALVE V3478

THESE RESULTS ARE IN ACCORD WITH THE
THEORY OF THE EXPANSION OF THE
UNIVERSE. THE OBSERVATIONS
INDICATE THAT THE DISTANCE
TO GALAXIES IS PROPORTIONAL
TO THEIR REDSHIFT. THIS
RELATIONSHIP IS KNOWN AS
HUBBLE'S LAW. THE CONSTANT
OF PROPORTIONALITY IS
CALLED THE HUBBLE CONSTANT.
IT IS CURRENTLY ESTIMATED
TO BE APPROXIMATELY 70
KILOMETERS PER SECOND PER
MEGAPARSEC. THIS MEANS
THAT FOR EVERY MEGAPARSEC
OF DISTANCE, THE GALAXY
IS RECEDING AT A SPEED OF
70 KILOMETERS PER SECOND.

PLANT CHANGE/MODIFICATIONS (PC/MS) REVIEWED FOR PSL2 FSAR AMENDMENT

<u>PC/M</u> <u>NUMBER</u>	<u>TITLE</u>
072-286	FHB HVAC PENETRATION BARRIERS
078-286	10CFR50.49 ENVIRONMENTAL QUALIFICATION LIST REVISION
102-286	REGULATORY GUIDE 1.75 ADDITIONS
110-286	TURBINE LUBE OIL/HYDROGEN SEAL OIL DELUGE MODIFICATIONS
120-286	10CFR50.49 EQ LIST REVISION
008-984	NON-MANUAL PARKING LOT
072-984	CONDENSER PIT FLOODING
150-984	QSPDS INVERTER/POWER LINE CONDITIONER MODIFICATION
253-984	SODIUM HYPOCHLORITE SYS GAS DISENGAGING TANK BLOWER REMOVAL
114-985	SMALL CENTRIFUGAL PUMPS OIL SEALS
116-985	DEMINERALIZER WASTE NEUTRALIZATION SYSTEM
178-985	TIE BETWEEN CONSTRUCTION FIRE MAIN AND PLANT FIRE LOOP
199-985	WATER TREATMENT PLANT CAUSTIC DILUTION WATER BOOSTER PUMP
015-986	TELEPHONE SYSTEM UPGRADE
112-986	TURBINE BLDG GANTRY CRANE GIRDER INSPECT & TURB BLDG ISOL
130-986	NEUTRALIZATION BASIN CLOSURE MONITOR WELLS

DATE	DESCRIPTION	NO.
07-28-80	FOR HAVE PENETRATION BARRIERS	100-080
07-28-80	FOR AS ENVIRONMENTAL QUALIFICATION LIST REVISION	100-080
07-28-80	FOR ADDITIONS	100-080
11-28-80	TURBINE OIL HYDROGEN SEAL OIL BEARING MODIFICATIONS	100-080
07-28-80	FOR LIST REVISION	100-080
07-28-80	NON-MANUAL PARKING LOT	100-080
07-28-80	CONDENSER PIT FLOODING	100-080
10-28-80	FOR INVERTER/POWER LINE CONDITIONER MODIFICATION	100-080
07-28-80	SODIUM HYPOCHLORITE SYS GAS DISENGAGING TANK BLOWER REMOVAL	100-080
11-28-80	SHALL CENTRIFUGAL PUMPS OIL SEALS	100-080
11-28-80	GENERALIZER WASTE NEUTRALIZATION SYSTEM	100-080
11-28-80	TIE BETWEEN CONSTRUCTION FIRE MAIN AND PLANT FIRE LOOP	100-080
10-28-80	WATER TREATMENT PLANT CAUSTIC DILUTION WATER BOOSTER PUMP	100-080
07-28-80	TELEPHONE SYSTEM UPGRADE	100-080
11-28-80	TURBINE BLOW GENTRY CYLINDER INSPECT & TURN SIDE ISOL	100-080
10-28-80	NEUTRALIZATION BASIN CLOSURE MONITOR WELLS	100-080