

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8305130118 DOC DATE: 83/05/10 NOTARIZED: NO DOCKET #: 05000389  
 FACIL: 50-389 St. Lucia Pkwy, Unit 2, Florida Power & Light Co.,  
 AUTH. NAME: AUTHOR AFFILIATION:  
 URRIG, R. E. Florida Power & Light Co.,  
 RECIPI. NAME: RECIPIENT AFFILIATION:  
 EISENHUT, D. G. Division of Licensing

SUBJECT: Advises that mods to purge sys not required. Sufficient margin exists to allow check valve to perform intended safety function. Item closes out 5% of rated thermal power portion of License Condition 2.C.8.

DISTRIBUTION CODE: B0015 COPIES RECEIVED: LITR. 1 ENCL 1 SIZE: 2  
 TITLE: Licensing Submittals: PSAR/FSAR Amdts & Related Correspondence

NOTES:

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	LICI BR #3: LAI	1 0	NERSES, V. 01	1 1
INTERNAL:	ELD/HDS2	1 0	IEI FILE	1 1
	IEV/DEPER/EPB 36	3 3	IEV/DEPER/IRB 35	1 1
	IEV/DEQAV/QAB 21	1 1	NRR/DE/AEAB 01	1 0
	NRR/DE/CEB 11	1 1	NRR/DE/EHEB 01	1 1
	NRR/DE/EDB 13	2 2	NRR/DE/GB 28	2 2
	NRR/DE/HGB 30	1 1	NRR/DE/MEB 18	1 1
	NRR/DE/MTEB 17	1 1	NRR/DE/SAB 24	1 1
	NRR/DE/SGEB 25	2 2	NRR/DHFS/HFEB40	1 1
	NRR/DHFS/LDB 32	1 1	NRR/DL/SSPB 01	1 0
	NRR/DSI/AEB 26	1 1	NRR/DSI/ASB 01	1 1
	NRR/DSI/CPB 10	1 1	NRR/DSI/CSB 09	1 1
	NRR/DSI/ICSB 16	1 1	NRR/DSI/MEIB 12	1 1
	NRR/DSI/PSB 19	1 1	NRR/DSI/RAB 22	1 1
	NRR/DSI/RSB 23	1 1	<u>REGI FILE</u> 04	1 1
	RGN2	3 3	RM/DDAMI/MIB 01	1 0
EXTERNAL:	ACRS 41	6 6	BNLIC(AMT)S ONLY	1 1
	DMB/DSS (AMT)S 03	1 1	FEMA-REPI DIVI 39	1 1
	LPDR 03	1 1	NRCI POR. 02	1 1
	NSICI 05	1 1	NTIS	1 1

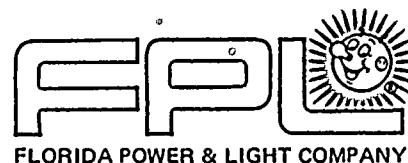
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MEMORANDUM FOR THE DIRECTOR, FBI  
SUBJECT: [Illegible]

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DATE	INITIALS	DESCRIPTION	DATE	INITIALS	DESCRIPTION
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12/31/50	X	[Illegible]	12/31/50	X	[Illegible]



May 10, 1983  
L-83-286

Office of Nuclear Reactor Regulations  
Attention: Mr. Darrell G. Eisenhut, Director  
Division of Licensing  
U. S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Dear Mr. Eisenhut:

Re: St. Lucie Unit No. 2  
Docket 50-389  
NPF-16 - Condition of License Close-Out

References:

- 1) St. Lucie Unit No. 2 - Facility Operating License NPF-16
- 2) St. Lucie Unit No. 2 - Final Safety Analysis Report
- 3) Nuclear Regulatory Commission - NUREG 0737

Pursuant to license condition 2.C.8 of the St. Lucie Unit No. 2 Facility Operating License NPF-16, Florida Power & Light Company is required, prior to exceeding 5% of rated thermal power to make the necessary modifications to assure the operability of the Continuous Containment Purge/Hydrogen Purge System in the event of a Loss of Coolant Accident. This license condition arose as a result of an investigation which showed the System's make-up line check valve at the same elevation as the maximum containment water level elevation (Ref 2, Subsection 7.5.3.2).

The flood level elevation of 26.0' was stipulated as a design basis number to be utilized for the procurement of the TMI Containment Wide and Narrow range detectors. This design basis number is in compliance with the NRC Criteria (Ref 3, item II.F.1, Att 5, "Containment Water Level Monitoring").

We have reviewed the maximum containment water level analysis and have determined that the maximum water level is at elevation 25'3". This flood level is a result of conservative calculations which consider the maximum quantity of fluids from the Reactor Vessel, Steam Generators, Pressurizer, Safety Injection Tanks, Reactor Coolant Piping, Boric Acid Make-Up Tank, Refueling Water Tanks and the Hydrazine Storage Tank.

The bottom of the purge check valve disc is located at elevation 25'7", which is 4" above the calculated maximum flood water level of 25'3". Therefore, modifications to the purge system are not required because sufficient margin exists to allow the check valve to perform its intended safety function.

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Office of Nuclear Reactor Regulations  
Mr. Darrell G. Eisenhut, Director

This closes out the 5% of rated thermal power portion of license condition 2.C.8. All pertinent material will be maintained at the St. Lucie Unit No. 2 site. If you should have any questions, please advise.

Very truly yours,



Robert E. Uhrig  
Vice President  
Advanced Systems and Technology

REU/RJS/PPC/cab

cc: J. P. O'Reilly, Region II  
Harold F. Reis, Esquire

