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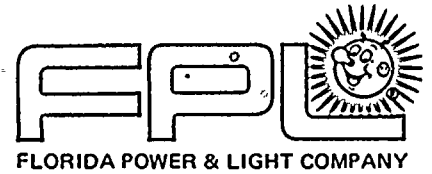
ACCESSION NBR: 8401240415. DOC. DATE: 84/01/19 NOTARIZED: NO DOCKET #
 FACIL: 50-335 St. Lucie Plant, Unit 1, Florida Power & Light Co. 05000335
 AUTH. NAME: AUTHOR AFFILIATION
 WILLIAMS, J.W. Florida Power & Light Co.
 RECIP. NAME: RECIPIENT AFFILIATION
 EISENHUT, D.G. Division of Licensing

SUBJECT: Forwards addl info re fire protection in response to 831027 concerns. Cold shutdown can be achieved within 72 h w/loss of offsite power. Plant operators trained for loss of pressurizer heater events.

DISTRIBUTION CODE: A006S COPIES RECEIVED: LTR 7 ENCL 1 SIZE: 3
 TITLE: OR Submittal: Fire Protection

NOTES:

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	NRR WAMBACH	1 0	NRR/DE/CEB 09	2 2
	NRR/DL DIR	1 1	REG FILE 04	1 1
	RG2	1 1		
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	NRC PDR 02	1 1	NSIC 05	1 1
	NTIS	1 1		



January 19, 1984
L-84-12

Office of Nuclear Reactor Regulation
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. 1
Docket No. 50-335
Fire Protection - Additional Information

The attached additional information is in response to concerns identified during a telecon with members of your staff on October 27, 1983.

Very truly yours,

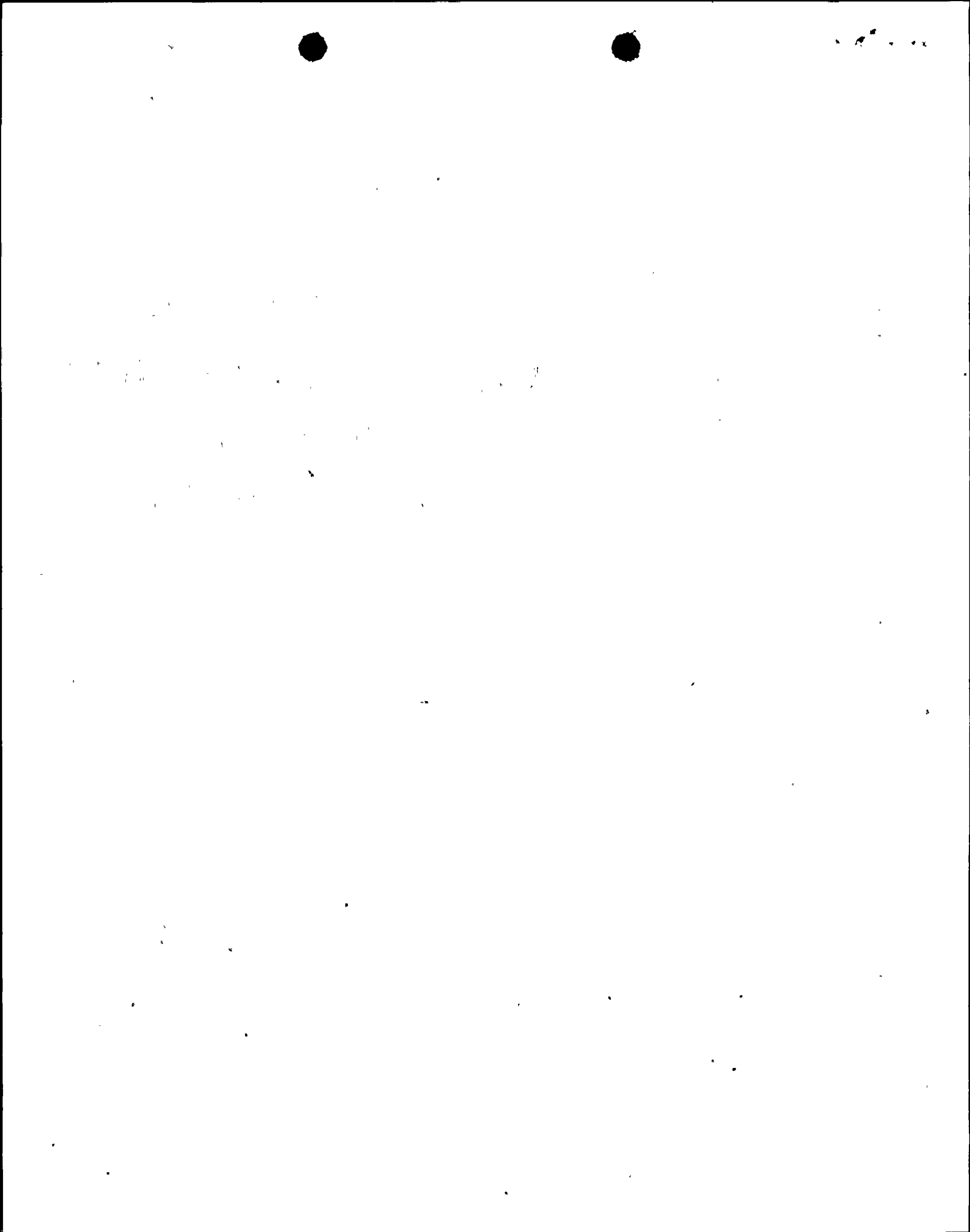
J. W. Williams, Jr.
Vice President
Nuclear Energy

JWW/RJS/cab

Attachment

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Fire Protection - Additional Information

NRC Concern No. 1: Can St. Lucie Unit 1 achieve cold shutdown within 72 hours with loss of offsite power?

FPL Response: St. Lucie Unit 1 can achieve cold shutdown within 72 hours with loss of offsite power.

NRC Concern No. 2: Is the Refueling Water Storage Tank (RWST) indication included on the alternate shutdown panel?

FPL Response: RWST level indication is not included on the alternate shutdown panel. The RWST level is a Technical Specification requirement, and unless there is a system failure (pipebreak) concurrent with the fire, there is much more than adequate water to achieve cold shutdown. Furthermore, within the 72 hour cold shutdown requirement, operators can verify RWST tank level at the local instrumentation for the tank. Therefore RWST level indication is not necessary on the alternate shutdown panel.

NRC Concern No. 3: Are fuses pulled to close the PORV's, steam generator dump valves, and the main steam isolation valves?

FPL Response: Fuses are not pulled to close the PORV's steam generator dump valves, or the main steam isolation valves.

NRC Concern No. 4: Are the control cables for the "C" auxiliary feedwater pump separated from the "A" and "B" pumps such that they meet the requirements of Appendix R, III.G.2?

FPL Response: The control cables for the auxiliary feedwater pumps meet the requirements of Appendix R, III.G.2.

NRC Concern No. 5: Is the loss of pressurizer heaters precluded or emergency procedures prepared for the appropriate operator action?

FPL Response: Loss of pressurizer heaters is an event that the plant operators are trained and qualified for. Emergency procedures are not prepared for specific equipment failures, such as loss of pressurizer heaters.

NRC Concern No. 6: Is sufficient manpower available to fight a fire and safety shutdown the plant?

FPL Response: The Draft procedure submitted in our Alternate Shutdown submittal (FPL letter L-83-514 dated October 7, 1983) indicated that personnel are available simultaneously to man the 5 man fire brigade and accomplish alternate shutdown.

NRC Concern No. 7: Regarding associated circuits, is circuit coordination an on-going program?

FPL Response: Circuit breaker and fuse coordination is a generic design consideration for all plant modifications that affect electrical equipment or circuits.

