

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

MAY

ACCESSION NBR: 8310270211 DOC. DATE: 83/10/21 NOTARIZED: NO
 FACIL: 50-389 St. Lucie Plant, Unit 2, Florida Power & Light Co.
 AUTH. NAME: WILLIAMS, J.W. AUTHOR AFFILIATION: Florida Power & Light Co.
 RECIP. NAME: EISENHUT, D.G. RECIPIENT AFFILIATION: Division of Licensing

DOCKET # 05000389

SUBJECT: Forwards list of addl ESF actuation sys relays not identified in 830926 submittal or FSAR to be testable w/o jeopardizing plant safety. Sufficient justification provided for not testing relays.

DISTRIBUTION CODE: B001S COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 3
 TITLE: Licensing Submittal; PSAR/FSAR Amdts & Related Correspondence

NOTES:

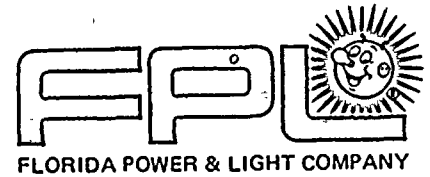
	RECIPIENT ID CODE/NAME		COPIES		RECIPIENT ID CODE/NAME		COPIES	
			LTR	ENCL			LTR	ENCL
	NRR/DL/ADOR		1	0	NRR ORB3 BC		1	0
	KREUTZER, P		1	0	SELLS, D 01		1	1
INTERNAL:	ELD/HDS2		1	0	IE FILE		1	1
	IE/DEPER/EPB 36		3	3	IE/DEPER/IRB 35		1	1
	IE/DEQA/QAB 21		1	1	NRR/DE/AEAB		1	0
	NRR/DE/CEB 11		1	1	NRR/DE/EHEB		1	1
	NRR/DE/EQB 13		2	2	NRR/DE/GB 28		2	2
	NRR/DE/MEB 18		1	1	NRR/DE/MTEB 17		1	1
	NRR/DE/SAB 24		1	1	NRR/DE/SGEB 25		1	1
	NRR/DHFS/HFEB40		1	1	NRR/DHFS/LQB 32		1	1
	NRR/DHFS/PSRB		1	1	NRR/DL/SSPB		1	0
	NRR/DSI/AEB 26		1	1	NRR/DSI/ASB		1	1
	NRR/DSI/CPB 10		1	1	NRR/DSI/CSB 09		1	1
	NRR/DSI/ICSB 16		1	1	NRR/DSI/METB 12		1	1
	NRR/DSI/PSB 19		1	1	NRR/DSI/RAB 22		1	1
	NRR/DSI/RSB 23		1	1	REG FILE 04		1	1
	RGN2		3	3	RM/DDAMI/MIB		1	0
EXTERNAL:	ACRS 41		6	6	BNL (AMDTS ONLY)		1	1
	DMB/DSS (AMDTS)		1	1	FEMA-REP DIV 39		1	1
	LPDR 03		1	1	NRC PDR 02		1	1
	NSIC 05		1	1	NTIS		1	1

TOTAL NUMBER OF COPIES REQUIRED: LTR 53 ENCL 46

The following information is being furnished to you for your information and use. It is not intended to constitute an offer of insurance or any other financial product. The information is provided for your general information only.

This information is provided for your general information only. It is not intended to constitute an offer of insurance or any other financial product. The information is provided for your general information only.

Item	Quantity	Unit Price	Total Price
Item 1	1	100.00	100.00
Item 2	2	50.00	100.00
Item 3	3	33.33	100.00
Item 4	4	25.00	100.00
Item 5	5	20.00	100.00
Item 6	6	16.67	100.00
Item 7	7	14.29	100.00
Item 8	8	12.50	100.00
Item 9	9	11.11	100.00
Item 10	10	10.00	100.00
Item 11	11	9.09	100.00
Item 12	12	8.33	100.00
Item 13	13	7.69	100.00
Item 14	14	7.14	100.00
Item 15	15	6.67	100.00
Item 16	16	6.25	100.00
Item 17	17	5.88	100.00
Item 18	18	5.56	100.00
Item 19	19	5.26	100.00
Item 20	20	5.00	100.00



October 21, 1983
L-83-526

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 2
Docket No. 50-389
ESFAS Actuation Relay Testing

- References: 1) FPL Letter L-83-497 dated September 26, 1983 from Dr. R. E. Uhrig (FPL) to D. G. Eisenhut (DL)
2) NRC Letter dated June 7, 1983 from G. W. Knighton (DL/LB3) to Dr. R. E. Uhrig (FPL)

Per Reference 2, Florida Power & Light Co. (FPL) was requested to provide a list of specific ESFAS actuation devices (subgroup relays, initiation relays, etc.) that cannot be tested during plant power operation without jeopardizing plant safety or operability along with a justification why these devices cannot be tested. In addition, FPL was requested to provide information to verify that the actuated equipment assignments to each actuation device were made in a manner to minimize the number of components which cannot be tested at power.

Via Reference 1, FPL submitted a table listing specific devices and their associated actuated equipment which cannot be tested at power. This list represented equipment that had not been previously identified in Table 7.3-9 of the St. Lucie Unit 2 FSAR.

Subsequent to the submittal of Reference 1, plant personnel identified additional equipment whose actuation has the potential of causing a plant trip. It has been determined that actuating the 4.16 KV undervoltage interlock (located on test groups 7A and 7B) concurrent with an undervoltage condition on the 4.16 KV buses will cause a plant trip. Under voltage on the 4.16 KV buses will not trip the plant unless these interlocks are armed. This concern was identified to the NRC in a conference call held between FPL and NRC staff on September 30, 1983.

While the undervoltage interlocks had previously been identified as non-testable, the SIAS test groups 7A and 7B had not. To prevent arming these interlocks, SIAS test group 7A and 7B may not be tested. The attached table represents additional equipment that will be affected that had not been previously identified in either the FSAR or Reference 1. FPL therefore considers sufficient justification is provided for not testing these components.

8310270211 831021
PDR ADOCK 05000389
PDR

Boo!
1/1

Page 2
Office of Nuclear Reactor Regulations
Mr. Darrell G. Eisenhut, Director

Should you have any questions concerning this letter, please do not hesitate to contact us.

Very truly yours,



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

JWW/JEM/cab

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



<u>ESFAS Test Group</u>	<u>Actuation Device</u>	<u>Components Not Tested</u>	<u>Reason Not Tested At Power</u>	<u>Justification for Not Testing</u>
SIAS 7A	K507A	Diesel Generator 2A	Actuating 4.16 KV UV Interlocks (also on SIAS 7A) may cause a plant trip.	Diesel Generator 2A is also started on CIAS 5A test group.
SIAS 7B	K607A	Diesel Generator 2B	Actuating 4.16 KV UV Interlocks (also on SIAS 7B) may cause a plant trip.	Diesel Generator is also started on CIAS 5B test group.