

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) St. Lucie Plant, Unit 1										DOCKET NUMBER (2) 0 5 0 0 0										PAGE (3) 1 OF 02	
TITLE (4) UNDervOLTAGE RELAYING OF 480V BUSSES																					
EVENT DATE (5)			LER NUMBER (6)				REPORT DATE (7)			OTHER FACILITIES INVOLVED (8)											
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	MONTH	DAY	YEAR	FACILITY NAMES NA						DOCKET NUMBER(S) 0 5 0 0 0						
03	07	84	84	001	00	04	06	84							0 5 0 0 0						
OPERATING MODE (9)		THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR § (Check one or more of the following) (11)																			
6		20.402(b)				20.405(a)				00.736(c)(iv)				73.71(b)							
POWER LEVEL (10)		000				00.30(a)(i)				X 00.736(c)(v)				73.71(a)							
		20.405(a)(ii)(B)				00.30(a)(2)				00.736(c)(vi)				OTHER (Specify in Abstract below and in Text, NRC Form 305A)							
		20.405(a)(iii)(B)				00.736(c)(ii)				00.736(c)(vii)(A)											
		20.405(a)(iv)(iv)				00.736(c)(8)				00.736(c)(viii)(B)											
		20.405(a)(iv)(iv)				00.736(c)(ix)				00.736(c)(ix)											
LICENSEE CONTACT FOR THIS LER (12)																					
NAME S. A. Valdes										TELEPHONE NUMBER											
										AREA CODE 3 0 5 4 6 5 - 3 5 5 9											
COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)																					
CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC		CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC											
B	E	D 2 7	I 0 0 5	N																	
SUPPLEMENTAL REPORT EXPECTED (14)												EXPECTED SUBMISSION DATE (15)		MONTH	DAY	YEAR					
YES (If yes, complete EXPECTED SUBMISSION DATE)												X NO									

ABSTRACT (Limit to 1600 spaces, i.e., approximately fifteen single-space typewritten lines) (16)

During an extended refueling outage, a design problem was discovered on the Diesel Generator loading sequence under certain accident conditions.

Following a loss of offsite power or undervoltage condition subsequent to the receipt of a containment isolation signal (CIS), safety injection actuation signal (SIAS), or containment spray actuation signal (CSAS), the emergency diesel generators may pick up an additional 780 KW maximum of load due to a time delay relay on the 480V busses. This is not considered to be a significant problem, because the diesel generators are virtually identical to Unit 2 diesel generators which have been tested for and are capable of accepting loads greater than the maximum anticipated load from this postulated event.

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PAGE 13

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It is intended to bypass the 8 second time delay during loss of offsite power condition and thus allow proper load shedding during all postulated scenarios. This has been accomplished by implementation of a plant change/modification.

April 6, 1984
PNS-LI-84-120

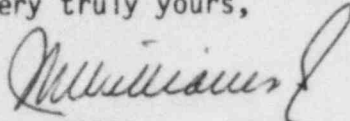
U.S. Nuclear Regulatory Commission
Document Control Desk
Washington, D.C. 20555

Gentlemen:

Re: Reportable Event 84-01
St. Lucie Unit 1
Date of Event: March 7, 1984
Undervoltage Relaying of 480V Busses

The attached Licensee Event Report is being submitted pursuant to the requirements of 10 CFR to provide notification of the subject event.

Very truly yours,


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

JWW/PLP/js

cc: J.P. O'Reilly, Region II, USNRC
Harold F. Reis, Esquire
File 933.1

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11