

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8303300398 DOC DATE: 83/03/25 NOTARIZED: NO DOCKET #: 05000250
 FACIL: 50-250 Turkey Point Plant, Unit 3, Floridal Power and Light Co 05000250
 50-251, Turkey Point Plant, Unit 4, Floridal Power and Light Co 05000251
 AUTH. NAME: UHRIG, R. EL. AUTHOR AFFILIATION: Floridal Power & Light Co.
 RECIPI. NAME: VARGA, S. A. RECIPIENT AFFILIATION: Operating Reactors Branch 1.

SUBJECT: Forwards corrected pages from util 830103 ltr re adequacy of station electric distribution sys volatages covering ESFI setpoints.

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TITLE: OR Submitted: Justice Emergency Power System

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SUBJECT: Formulas corrected based from April 1951 for re assembly of station electric distribution and voltages covering E-2 photocopies.

Operating voltage branch 1

RECEIVED AT AFFILIATION
Electric Power & Light Co.

VARSA, S.A.
RECEIVED NAME
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ALTH, NAME

ALTH, NAME

20-521 Turkey Point Plant, Unit 4 Electric Power and Light Co

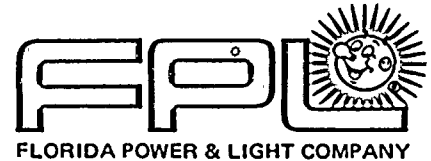
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March 25, 1983
L-83-179

Office of Nuclear Reactor Regulation
Attention: Mr. Steven A. Varga, Chief
Operating Reactors Branch #1
Division of Licensing
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Varga:

Re: Turkey Point Units 3 & 4
Docket Nos. 50-250 & 50-251
Adequacy of Station Electric
Distribution System Voltages

Degraded grid voltage protection at Turkey Point Units 3 and 4 was the subject of a recent telephone conference with members of the NRC staff. During the conversation, we stated that we would provide corrected copies of pages from our January 3, 1983 letter (L-83-1). These pages are attached.

Should you or your staff have any additional questions on this subject, please contact us.

Very truly yours,

Robert E. Uhrig
Vice President
Advanced Systems & Technology

REU/PLP/js

Attachment

cc: J. P. O'Reilly, Region II
Harold F. Reis, Esquire
PNS-LI-83-217-1/13

A015

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PDR ADOCK 05000250
PDR

TABLE 3.5-4 (Sheet 2)
ENGINEERED SAFETY FEATURE SETPOINTS (CONT'D)

7b	Degraded Voltage**	Auxiliary Fedwater	All with tolerance of \pm 5 volts
	LOAD CENTER/RELAY NO.		SETPOINT
	3A 327H/3A1** # 327H/3A2** # (tag no. later)** (tag no. later)**		431V (10 sec. delay) 431V (10 sec. delay) 419V (60 sec. \pm 30 sec delay) 419V (60 sec. \pm 30 sec delay)
	3B 327H/3B1** # 327H/3B2** # (tag no. later)** (tag no. later)**		411V (10 sec. delay) 411V (10 sec. delay) 426V (60 sec. \pm 30 sec delay) 426V (60 sec. \pm 30 sec delay)
	3C 327H/3C1** # 327H/3C2** # (tag no. later)** (tag no. later)**		412V (10 sec. delay) 412V (10 sec. delay) 427V (60 sec. \pm 30 sec delay) 427V (60 sec. \pm 30 sec delay)
	3D 327H/3D1** # 327H/3D2** # (tag no. later)** (tag no. later)**		423V (10 sec. delay) 423V (10 sec. delay) 436V (60 sec. \pm 30 sec delay) 436V (60 sec. \pm 30 sec delay)
	4A 327H/4A1** # 327H/4A2** # (tag no. later)** (tag no. later)**		410V (10 sec. delay) 410V (10 sec. delay) 427V (60 sec. \pm 30 sec delay) 427V (60 sec. \pm 30 sec delay)
	4B 327H/4B1** # 327H/4B2** # (tag no. later)** (tag no. later)**		409V (10 sec. delay) 409V (10 sec. delay) 424V (60 sec. \pm 30 sec delay) 424V (60 sec. \pm 30 sec delay)
	4C 327H/4C1** # 327H/4C2** # (tag no. later)** (tag no. later)**		396V (10 sec. delay) 396V (10 sec. delay) 413V (60 sec. \pm 30 sec delay) 413V (60 sec. \pm 30 sec delay)
	4D 327H/4D1** # 327H/4D2** # (tag no. later)** (tag no. later)**		398V (10 sec. delay) 398V (10 sec. delay) 412V (60 sec. \pm 30 sec. dela 412V (60 sec. \pm 30 sec. dela
8.	Safety Injection	Auxiliary Feedwater	All SI setpoints
9.	Trip of both Main Feedwater Pump Breakers	Auxiliary Feedwater	N.A.

** These items do not apply on Unit 3 until after implementation of PC/M 79-116 and on Unit 4 until after implementation of PC/M 80-44.

Channel action is subject to condition being concurrent with Safety Injection signal.

TABLE 4.1-1 SHEET 3

<u>Channel Description</u>	<u>Check</u>	<u>Calibrate</u>	<u>Test</u>	<u>Remarks</u>
23. Environmental Radiological Monitors	N.A.	A(1)	M(1)	(1) Flow
24. Logic Channels	N.A.	N.A.	M+	
25. Emer. Portable Survey Instruments	N.A.	A	M	
26. Seismograph	N.A.	N.A.	Q	Make trace. Test battery (change semi-annually)
27. Auxiliary Feedwater Flow Rate	M+	R	N.A.	
28. RCS Subcooling Margin Monitor	M+	R	N.A.	
29. PORV Position Indicator (Primary Detector)	M+	N.A.	R	Check consists of monitoring indicator
30. Safety Valve Position Indicator	M+	N.A.	R	position and verifying by observation
31. Safety Valve Position Indicator	M+	R	N.A.	of related parameters
32.a. Loss of Voltage (both 4kv busses)	N.A.	N.A.	R	For AFW actuation at Power On
b. Undervoltage (both sets of relays on the 480 volt load centers)**	S	R	M	These tests are not required when in cold or refueling shut down
33. Trip of both Main Feedwater Pump Breakers	N.A.	N.A.	R	For AFW actuation at power on

** This item does not apply on Unit 3 until after implementation of PC/H 79-116 and on Unit 4 until after implementation of PC/H 80-44.

