

# REGULATOR INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8208060278 DOC. DATE: 82/07/30 NOTARIZED: YES DOCKET #  
 FACIL: 50-335 St. Lucie Plant, Unit 1, Florida Power & Light Co. 05000335  
 AUTH. NAME AUTHOR AFFILIATION  
 UHRIG, R. E. Florida Power & Light Co.  
 RECIP. NAME RECIPIENT AFFILIATION  
 CLARK, R. A. Operating Reactors Branch 3

SUBJECT: Discusses NRC 820217 request for addl info re environ  
 qualification of safety-related electrical equipment.  
 Engineering Analysis I-2 in Item 2 does not exist. Repts  
 withheld (ref 10CFR2.790) *"see repts"*

DISTRIBUTION CODE: A048S COPIES RECEIVED: LTR 1 ENCL 1 SIZE: *6+216*  
 TITLE: Equipment Qualification (OR & IPRE-OL)

## NOTES:

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	IE FILE	<i>#05</i> 1 1	NRR CALVO, J	<i>#09</i> 1 1
	NRR/DE/eqB	<i>#03-04</i> 2 2	NRR/DL DIR	<i>#10</i> 1 1
	NRR/DE/GRAB	<i>#02</i> 1 1	NRR/DSI/AEB	<i>#11</i> 1 1
	<u>REG FILE</u>	<i>#01</i> 1 1	RGN2	<i>#12</i> 1 1
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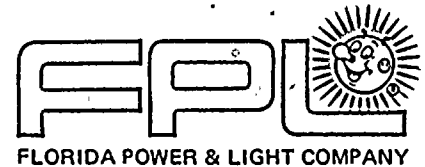
THE UNITED STATES OF AMERICA  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
WASHINGTON, D. C. 20250

TO: THE SECRETARY OF THE INTERIOR  
FROM: THE DIRECTOR, BUREAU OF LAND MANAGEMENT  
SUBJECT: [Illegible]

DATE: [Illegible]

[Illegible text block containing multiple lines of text, possibly a list or detailed report]

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July 30, 1982  
L-82-315

Office of Nuclear Reactor Regulation  
Attention: Mr. Robert A. Clark, Chief  
Operating Reactors Branch #3  
Division of Licensing  
U. S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Dear Mr. Clark: -

Re: St. Lucie Unit 1.  
Docket No. 50-335  
Equipment Qualification  
Additional Information

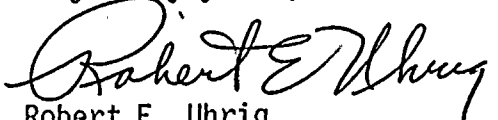
Florida Power & Light has reviewed your letter dated February 17, 1982 which requested additional information concerning Environmental Qualification of Safety Related Electrical Equipment.

We have assembled all but three of the items of information that you requested. We have determined that Engineering Analysis I-2 in item 2 does not exist. There may be an error in the request or in the document that references this item. Item ddd. (Westinghouse Data 7/2/90) could not be identified from the information given. Also, item ggg. (PEECO Tech. Data info. 7/9/80) could not be identified, but we have included a July 15, 1980 report which is the closest dated report from this company. The information that is not proprietary information is being sent to Franklin Research Center with a copy of this letter.

The attachment to this letter indicates which information is proprietary. We request that this information be withheld from public disclosure in accordance with 10 CFR 2.790.

There is no change to our Part B submittal schedule.

Very truly yours,

  
Robert E. Uhrig  
Vice President  
Advanced Systems & Technology

REU/PLP/cab

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

A048 Change:   
LPOR  
PDR  
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8208060278 820730  
PDR ADDCK 05000335  
P PDR



Re: St. Lucie Unit 1  
Docket No. 50-335  
Equipment Qualifications  
Additional Information

ATTACHMENT

INFORMATION REQUESTED

1. In reference to the Licensee's 90-day response [2] to the NRC SER [5], a legible single copy of each of the following qualification documents is requested in order that the FRC evaluation may proceed:
  - a. EPRI reports for Davis Besse I, Rancho Seco, Maine Yankee, Arkansas I; for motor operators
  - b. EP&L Engineering Analysis Nos. E-9, I-15, I-24, and M-18
  - c. General Electric Co. Pamphlet GEP 840      Should be GEP 804
  - d. Ameron letter dated 20-Nov-72
  - e. Rosemount Test Report 12756B
  - f. Rosemount Report #117415, 19-Sep-75
  - g. Victoreen Technical Manual 8770-6761RO Section 2-3.2
  - h. Rosemount Similarity Report 67912A dated 6-22-79
  - i. Rosemount Test Report 1762
  - j. Buffalo Forge letter dated 1-14-74
  - k. Topical Report IEEE-323 class 1E Induction Motors models 5K828840C81 and 5K811043C16, Horizontal Class B Insulated, January 1977 (FF#102) and Rev. 1 (FF#102A)
  - l. Raychem Test Report 1010
  - m. SL-1 Qualification Data for General Cable Co. Cable (FF#28)
  - n. General Cable Certified Test Report (FF#750)
  - o. General Cable letter dated 12/17/74 (FF#29)



- p. BIW Test 9298 on Silicone Insulation
- q. BIW Test 9299 on XLPE Insulation
- r. BIW Engineering Comments 33388-EP
- s. Conax Test IPS-27
- t. Conax Test IPS-30
- u. Conax Test IPS-49
- v. Conax Test IPS-73.2
- w. Conax Test IPS-78
- x. Conax transmittal letters of 1/6/75 and 1/31/75
- y. R. H. Kanter, NAMCO  
Letter to Sushil K. Sinha, Ebasco  
July 3, 1980
- z. Qualification by Engineering Analysis  
I-1, -2, -3, -4, -5, -6, -7, -8, -10,  
-12, -13, -16, -17, -20, -23, -26, -30;  
E-1, -1A, -12, -29;  
M-3, -4, -6, -7, -8, -9, -10, -11, -13,  
-17, -19, -20, -21;  
V-1, -2, -3, -4, -5, -6, -7, -8, -9
- aa. Engineering Analysis  
PSL-1/79-01B/PE-003, -004, -005, -006,  
-007, -009, -012, -013, -014, -017, -018
- bb. Raychem Report EDR 5011 (FF #97)
- cc. Raychem Interim Report of Flamtrol  
Thermal Aging Study January 1974 (FF #30)
- dd. Raychem letter dated November 27, 1974  
(FSAR attachment 5 to Appendix 3A, Part  
D) (FF #88)
- ee. BIW Test Data (FF #85)
- ff. Continental Wire & Cable data sheet  
dated 3/71, received with Quotation No.  
27057 dated 10-18-71 (FF #82)
- gg. Continental Wire and Cable letter to  
Dennis Cronin, dated December 3, 1974,  
transmitting test data (FF #104)

Proprietary

Proprietary

Proprietary

Proprietary

Proprietary

Item I-2 does not exist

- hh. Okonite Report X-Olene insulated cable transmitted with letter dated June 24, 1980 (FF #81)
- ii. Okonite Company Radiation Certification, dated January 3, 1972 (FF #75A)
- jj. Conax report IP-325 (FF #20) Proprietary
- kk. ITT Barton Report No. R3-288A-1 10/27/79
- ll. ITT Barton Report No. R3-580-1 Dated 5/79
- mm. Gulf Electronics System Rpts. E-115-173, E-115-176, E-115-180, and E-115-181 (FF #13, 14, 15, 16)
- nn. Intelcom Rad Tech 7-15-74 report and Gulf Atomic letter 6-28-74 transmitting Gulf 6-26-74 Test (FF #33)
- oo. General Atomic August 1974 "Design Report Environmental Conditions for St. Lucie 1 Secondary Electric Penetration Assemblies" (FF #17)
- pp. Raychem Heat Aging Study of WCSF Compound #EDR2001 (FF #95)
- qq. GE letter to Ebasco No. 07-18-80 (FF #96)
- rr. Westinghouse qualification test report on three terminal blocks for use in BWR nuclear power plants (FF #93)
- ss. GE 12968 molding compound description and properties data (FF #94)
- tt. GE Letter of May 2, 1979 to Ebasco relative to terminal blocks material (FF #98)
- uu. GE seismic capability data for relays and accessories. GEZ-6675 Rev. 5 5/20/77 (FF #100)
- vv. GE letter to Ebasco May 9, 1979 relative to radiation tests of relays and terminal blocks (FF #99)
- ww. Topical Report of General Electric Vertical Induction Motors for Class IE Intake Cooling Water Pumps for St. Lucie Nuclear Power Plant Unit 2, Rev. 2, 8/31/79 (FF #103)



<u>xx.</u>	<u>Amphenol Sams technical report 123-1243</u> <u>"Thermal Cycle testing of Electrical</u> <u>Penetration Assembly Component" (FF #84)</u>	Proprietary
<u>yy.</u>	<u>Amphenol Sams technical report 123-1257</u> <u>"Radiation Testing of Electrical</u> <u>Penetration Assembly Component" (FF #84)</u>	
<u>zz.</u>	<u>Amphenol Sams technical report 123-1260</u> <u>"Radiation Testing of Electrical</u> <u>Penetration Assembly Components (FF #84)</u>	
<u>aaa.</u>	<u>Amphenol Sams technical report 123-1247</u> <u>"LOCA Testing of unitized penetration</u> <u>assembly" (FF #84)</u>	Proprietary
<u>bbb.</u>	<u>300 Series Pressure Control</u> <u>Specifications of United Electric</u> <u>Controls Company</u>	
<u>ccc.</u>	<u>Westinghouse Telex dated 7/8/1980</u>	
<u>ddd.</u>	<u>Westinghouse Data 7/2/90</u>	could not be identified
<u>eee.</u>	<u>Boiler Colman, Tech. Data 7/2/80</u>	
<u>fff.</u>	<u>Namco Controls letter July 3, 1980</u>	
<u>ggg.</u>	<u>PEECO Tech. Data info., 7/9/80</u>	could not be identified
<u>hhh.</u>	<u>INDEECO mailgram dated 7/3/80</u>	
<u>iii.</u>	<u>INDEECO Job Data for Compliance with</u> <u>IEEE 323-71</u>	
<u>jjj.</u>	<u>INDEECO Drawing 14423, 6/2/76</u>	
<u>kkk.</u>	<u>Phys-Chemical Research Corporation</u> <u>catalog B-80 Instruments for measurement</u> <u>and control of Relative Humidity</u>	
<u>lll.</u>	<u>Phys-Chemical Research Corporation Data</u> <u>June 20</u>	
<u>mmm.</u>	<u>Technical Data-Gordon Company</u> <u>July 10, 1980</u>	

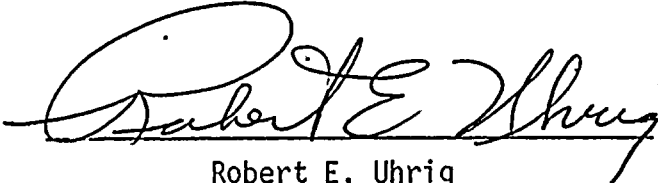
STATE OF FLORIDA    )  
                          )  
COUNTY OF DADE     )    ss.

Robert E. Uhrig, being first duly sworn, deposes and says:

That he is Vice President of Florida Power & Light Company,  
the Licensee herein;

That he has executed the foregoing document; that the statements made  
in this document are true and correct to the best of his knowledge,  
information, and belief, and that he is authorized to execute the  
document on behalf of said Licensee.

All of the enclosed material is proprietary, and therefore, exempt from  
public disclosure in accordance with Section 2.790 of the NRC "Rules of  
Practice", Title 10, Code of Federal Regulations.

  
Robert E. Uhrig

Subscribed and sworn to before me this

30 day of July, 19 82.

Cheryl L. Fredrick  
NOTARY PUBLIC, in and for the County  
of Dade, State of Florida.

My commission expires: Notary Public, State of Florida at Large  
My Commission Expires October 30, 1983  
~~Bonded thru Maynard~~ Bonding Agency

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