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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"*

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 TITLE: Equipment Qualification (OR & IPRE-OL)

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	NRR/DL/GRAB	1	1	NRR/DSI/AEB	1	1
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Lt only

THE UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
SALT LAKE CITY, UTAH

TO: [Illegible]

FROM: [Illegible]

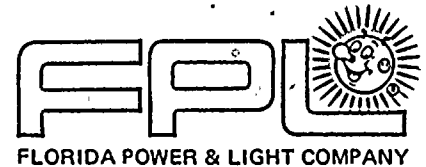
SUBJECT: [Illegible]

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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

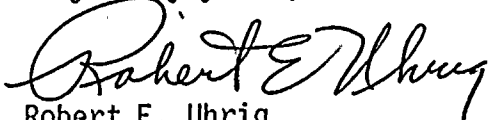
Florida Power & Light has reviewed your letter dated February 17, 1982 which requested additional information concerning Environmental Qualification of Safety Related Electrical Equipment.

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

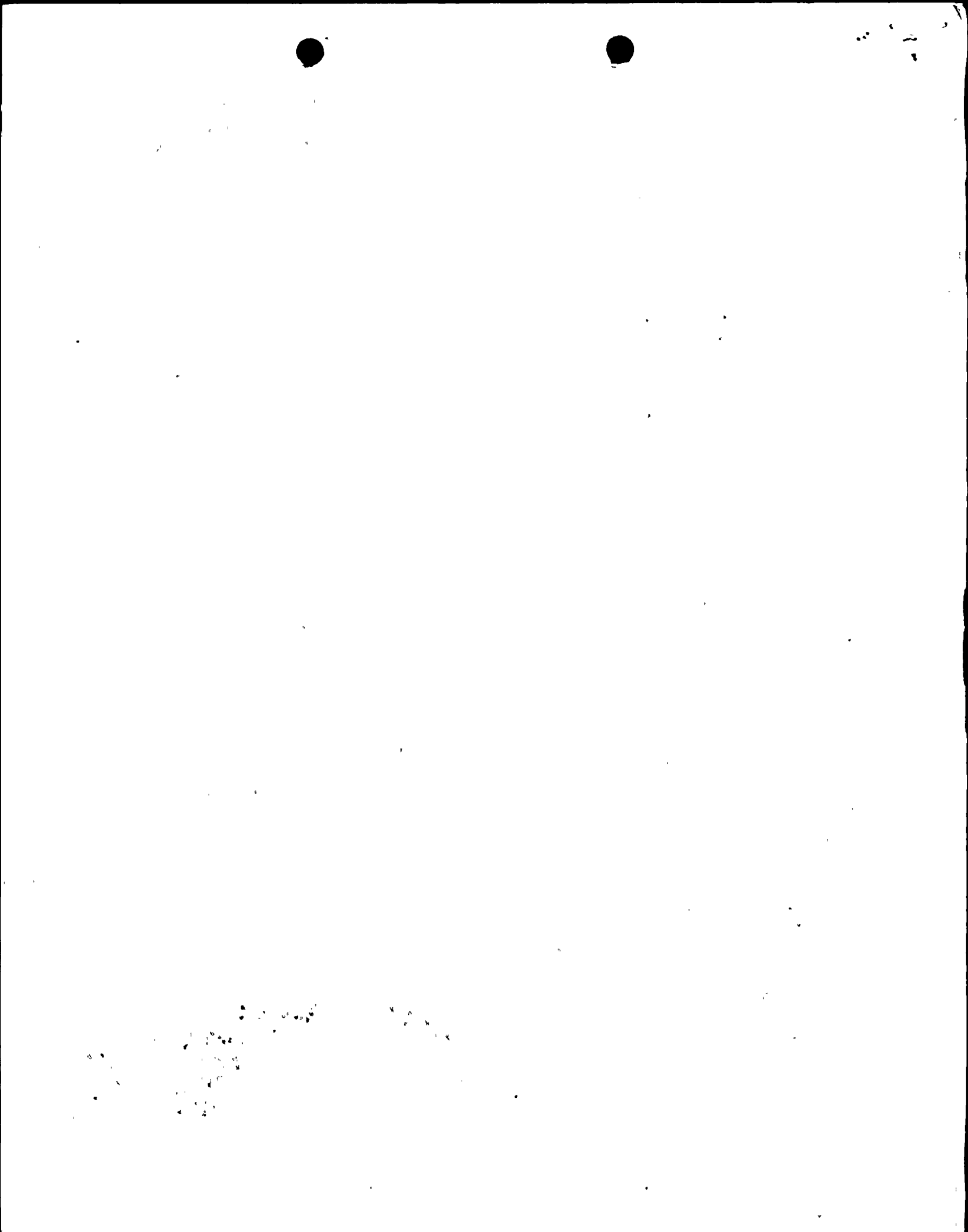
cc: J. P. O'Reilly, Region II
Harold F. Reis, Esquire

A048

Change:

LPOR
PDR
NSIC
NTIS } Ltr Only

8208060278 820730
PDR ADOCK 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)

xx. Amphenol Sams technical report 123-1243
"Thermal Cycle testing of Electrical
Penetration Assembly Component" (FF #84) Proprietary

yy. Amphenol Sams technical report 123-1257
"Radiation Testing of Electrical
Penetration Assembly Component" (FF #84)

zz. Amphenol Sams technical report 123-1260
"Radiation Testing of Electrical
Penetration Assembly Components (FF #84)

aaa. Amphenol Sams technical report 123-1247
"LOCA Testing of unitized penetration
assembly" (FF #84) Proprietary

bbb. 300 Series Pressure Control
Specifications of United Electric
Controls Company

ccc. Westinghouse Telex dated 7/8/1980

ddd. Westinghouse Data 7/2/90 could not be identified

eee. Boiler Colman, Tech. Data 7/2/80

fff. Namco Controls letter July 3, 1980

ggg. PEECO Tech. Data info., 7/9/80 could not be identified

hhh. INDEECO mailgram dated 7/3/80

iii. INDEECO Job Data for Compliance with
IEEE 323-71

jjj. INDEECO Drawing 14423, 6/2/76

kkk. Phys-Chemical Research Corporation
catalog B-80 Instruments for measurement
and control of Relative Humidity

lll. Phys-Chemical Research Corporation Data
June 20

mmm. Technical Data-Gordon Company
July 10, 1980

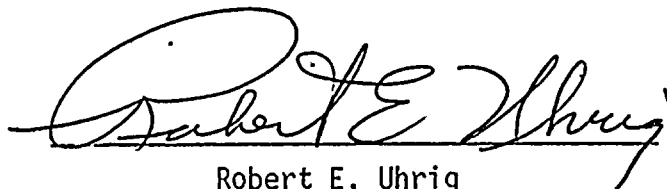
STATE OF FLORIDA)
) ss.
COUNTY OF DADE)

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 F. 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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