

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8012090199 DOC. DATE: 80/12/03 NOTARIZED: NO DOCKET # 05000389  
 FACIL: 50-389 St. Lucie Plant, Unit 2, Florida Power & Light Co.  
 AUTH. NAME: UHRIG, R.E. AUTHOR AFFILIATION: Florida Power & Light Co.  
 RECIP. NAME: EISENHUT, D.G. RECIPIENT AFFILIATION: Division of Licensing

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SUBJECT: Forwards test schedules for environ qualification of safety-related equipment, in response to NRC 801001 request. Schedules are preliminary, Confirmation of test dates w/designated engineers is advisable.

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	EMERG PREP 22	1	0	EQUIP QUALI BR13	3	3
	GEOSCIENCES 14	1	1	HUM FACTI ENGI BR.	1	1
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	I&E: 06	3	3	LICI GUID BR.	1	1
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	OP LIC: BR	1	1	POWER SYS: BR. 19	1	1
	PROC/TST: REV 20	1	1	QA BR 21	1	1
	RAD ASSESS BR22	1	1	REACI SYS BR: 23	1	1
	REG FILE. 01	1	1	SIT. ANALI BR. 24	1	1
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EXTERNAL:	ACRS 27	16	16	LPDR. 03	1	1
	NSIC: 05	1	1			

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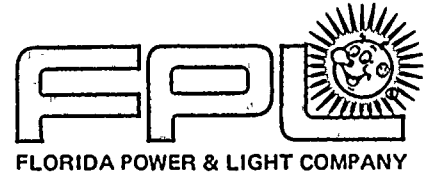
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THE UNIVERSITY OF CHICAGO  
DEPARTMENT OF CHEMISTRY  
5408 S. UNIVERSITY AVENUE  
CHICAGO, ILLINOIS 60637

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December 3, 1980  
L-80-395

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  
Environmental Qualification of  
Safety Related Equipment

Florida Power & Light Company has reviewed your request of October 1, 1980 regarding environmental qualification testing of safety related equipment. In order to assist you in your planning and scheduling, we are providing as much information to you regarding the St. Lucie Unit 2 environmental qualification program as possible. Since some of our testing schedules have not been finalized, it is advisable that you confirm schedule dates with the cognizant engineers specified in the attached table. We will provide an update to this table as more scheduled dates are set.

If you should have any questions, please feel free to call.

Very truly yours,

Robert E. Uhrig  
Vice President  
Advanced Systems & Technology

REU/TCG/ah

Attachments

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

Boo!  
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FLORIDA POWER & LIGHT COMPANY  
ST. LUCIE UNIT 2  
TEST SCHEDULE FOR SAFETY RELATED  
EQUIPMENT QUALIFICATION

NSSS EQUIPMENT DESCRIPTION\*

<u>TYPE</u>	<u>MODEL</u>	<u>MANUFACTURER</u>	<u>SYSTEM</u>	<u>TEST LOCATION</u>	<u>TEST SCHEDULE</u>
RTD Platinum	21233.	RdF	RCS, SDC	Later	Later
Excore Detectors -UIC	WL24131	Westinghouse	Excore	Later	Later
Excore Electronics	-	Electro Mechanics	Reactor Trip	Later	Later
Pressure Transmitters	763, 764	ITT Barton	RCS, MS, MFW, Cooling Water	Barton	In Progress
Panel Mounted Indicators	9262X, 9264X, 1151, 1251	Sigma	Various	Sigma and Wyle	Complete by June, 1981
RPS	-	Electro-Mechanics	Reactor Trip	American Envir. Testing Labs, L. I., N. Y.	Envir. - 11/81 Seismic - 12/81
Bistable Trip Units	-	Electro-Mechanics	Reactor Trip	American Envir. Testing Labs, L. I., N. Y.	Envir. - 11/81 Seismic - 12/81
PORV	3750010	Airesearch	RCS	Airesearch	Later
Pressure Transmitters	1153	Rosemount	CVCS, SIS, SDC	Later	Later

\*Cognizant Engineer - Mr. K. Foyt/Mr. P.E. Grossman, Telephone #(212)-785-8008

FLORIDA POWER & LIGHT COMPANY  
ST. LUCIE UNIT 2  
TEST SCHEDULE FOR SAFETY RELATED  
EQUIPMENT QUALIFICATION

ELECTRICAL

EQUIPMENT DESCRIPTION\*

<u>TYPE</u>	<u>MODEL</u>	<u>MANUFACTURER</u>	<u>SYSTEM</u>	<u>TEST LOCATION</u>	<u>TEST SCHEDULE</u>
-	-	Systems Control	Miscellaneous AC/DC Power Panels utilized in a Class 1E Power System	Acton Environmental Testing Corp. 533 Main Street Acton, Mass. 01720	Later

\*Cognizant Engineer - Mr. K. Foyt/Mr. P. E. Grossman, Telephone #(212)-785-8008

FLORIDA POWER & LIGHT COMPANY  
ST. LUCIE UNIT 2  
TEST SCHEDULE FOR SAFETY RELATED  
EQUIPMENT QUALIFICATION

ELECTRICAL

EQUIPMENT DESCRIPTION\*

<u>TYPE</u>	<u>MODEL</u>	<u>MANUFACTURER</u>	<u>SYSTEM</u>	<u>TEST LOCATION</u>	<u>TEST SCHEDULE</u>
4.16kv Switchgear (Miscellaneous Components)	-	Westinghouse	Emergency Power System	Later	2/81 - five Miscellaneous Comp nents are all that will be tested
Electrical Penetration Terminations (Power, Control & Instrumenta- tion 600 Volt)	-	Conax Corp.	-	Test Specimen & Hardware- Conax Buffalo	11/21/80
				Thermal Cycle- Conax Buffalo	12/22/80
				Irradiation - Georgia Tech. Atlanta	1/5/81-2/4/81
Local Control Stations	-	Gould-Brown-Boveri	Various-Safety	Wyle Labs Huntsville, Ala	Week of February 2-6, 1981
Heat Tracing	3600	Nelson Electric Company Tulsa, OK	Centralized Heat Tracing Control Panel	Wyle Labs in Norco, Calif.	Later

\*Cognizant Engineer - Mr. K. Foyt/Mr. P. E. Grossman, Telephone #(212)-785-8008

FLORIDA POWER & LIGHT COMPANY  
ST. LUCIE UNIT 2  
TEST SCHEDULE FOR SAFETY RELATED  
EQUIPMENT QUALIFICATION

RADWASTE

EQUIPMENT DESCRIPTION\*

<u>TYPE</u>	<u>MODEL</u>	<u>MANUFACTURER</u>	<u>SYSTEM</u>	<u>TEST LOCATION</u>	<u>TEST SCHEDULE</u>
H <sub>2</sub> Recombiner	Model B	Westinghouse	Combustible Gas Control System	Later	Vendor will irradiate H <sub>2</sub> recombiner power supply to 5x10 <sup>5</sup> rad. Date of testing is not known.

\*Cognizant Engineer - Mr. K. Foyt/Mr. P. E. Grossman, Telephone #(212)-785-8008



FLORIDA POWER & LIGHT COMPANY  
ST. LUCIE UNIT 2  
TEST SCHEDULE FOR SAFETY RELATED  
EQUIPMENT QUALIFICATION

INSTRUMENTATION & CONTROLS  
EQUIPMENT DESCRIPTION\*

<u>TYPE</u>	<u>MODEL</u>	<u>MANUFACTURER</u>	<u>SYSTEM</u>	<u>TEST LOCATION</u>	<u>TEST SCHEDULE</u>
Electronic Transmitters	1153 Series B	Rosemount	Various	At Rosemount - (Eden Prairie, Minnesota)	IEEE-323-74 by 12/80 (LOCA & Post LOCA)
Electronic Low Differential Press Transmitters		Yet to be determined	HVAC-VariouS	Later	Later
RTG Board Equipment	Various	Reliance Electric	Control Room Instrumentation & Controls	Wyle Labs - Huntsville, Ala.	I&C Aging (October 1, 1980-April 15, 1981)
Heating/Ventilating & Plant Aux. Control Boards	Various	Systems Control	Control Room Instrumentation & Controls	Acton Environmental Testing Corp. 533 Main Street, Acton, MA 01720	Aging Test to begin at app. 1/20/81
Hot Shutdown and Transfer Panel	Various	Systems Control	Reactor Aux. Building Hot Shutdown Instrumentation & Controls	Acton Environmental Testing Corp. 533 Main Street Acton, MA 01720	Aging Test to begin at app. 1/20/81

\*Cognizant Engineer - Mr. K. Foyt/Mr. P.E. Grossman, Telephone (212)-785-8008