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FLORIDA POWER & LIGHT COMPANY

St. Lucie Plant Unit No. 1

License No. - DPR-67

Docket No. 50-335

ANNUAL RADIOLOGICAL ENVIRONMENTAL  
MONITORING REPORT

for

The Period: 1-01-82 to 12-31-82

Prepared February 1983

8504110554 821231  
PDR ADOCK 05000335  
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## 1.0 Introduction:

This report is submitted in accordance with St. Lucie Plant Technical Specifications, Section 5.6.1.b.

The St. Lucie Plant Radiological Environmental Surveillance Program for January 1, 1982 thru December 31, 1982 is summarized in Table 1. This program is conducted in accordance with the provisions of Appendix B to the St. Lucie, Unit No. 1, Technical Specifications.

Garden and milk animal censuses, are required by St. Lucie Technical Specifications. An aerial flyover was conducted in June. Milk animal censuses were completed in March and June. A summary of the results of these surveys is provided in Table 2.

## 2.0 Analytical Responsibility

Radiological environmental monitoring for the St. Lucie Plant is conducted by the State of Florida Department of Health and Rehabilitative Services (DHRS). All samples are collected and analyzed\* by DHRS personnel.

## 3.0 Missing Data / Deviations

### 3.1 Missing Data:

- 3.1.1 Missing data is explained on page 9 of 10 of Table 1. Results which were not available to be included in this report due to incomplete analyses shall be provided in a supplementary report when they are received.

### 3.2 Deviations:

- 3.2.1 A ground water sample can no longer be collected at the specified location, 7609 Indian River Drive. This sample is now being collected at a residence located at 7601 Indian River Drive.

## 4.0 Discussion

During this period, a total of 1160 samples were collected including 19 samples collected and analyzed in accordance with the DHRS/DOE split sampling program. Table 1 summarizes the range and mean results for all sample locations and where applicable the range and mean results for control locations and for sample locations which yielded the highest annual mean levels.

\* In order to meet the specified detection limits for  $^{131}\text{I}$  in milk samples, DHRS has been contracting these samples to an outside laboratory. DHRS has now acquired the capability to perform this analysis as specified and is performing the analyses in-house beginning with the 3rd quarter 1982.

#### 4.1 Air Monitoring:

Continuous air sampling was conducted at nine different locations surrounding the St. Lucie Plant. Samples were collected and analyzed for gross beta radioactivity and radioiodine ( $^{131}\text{I}$ ) on a weekly basis. In addition the air particulate filters were composited and monitored for gamma radiation and  $^{89}\text{Sr}$ ,  $^{90}\text{Sr}$  on a monthly and quarterly basis respectively. All results for this reporting period were within the normal expected range for background measurements. Measurements for gamma,  $^{89}\text{Sr}$ ,  $^{90}\text{Sr}$  and  $^{131}\text{I}$  were all nondetectable.

Air monitoring results are summarized in Table 1

#### 4.2 Direct Radiation Monitoring:

Continuous monitoring of ambient radiation exposure rate by thermal-luminescent dosimeter (TLD) was provided routinely at nine different sample locations surrounding the St. Lucie Plant. TLDs are collected and analyzed on a quarterly basis.

During analyses of the TLDs for the first quarter, it was noted that an instrument malfunction was causing suspiciously low readings. These results were subsequently corrected and reported based upon test measurements performed by DHRS.

Except for location H12, an FPL substation located in Stuart Florida, all exposure rate measurements during 1982 were within the normal expected range of background measurements. At location H12, the exposure rate is influenced by the presence of natural radioactivity contained in backfill used at this location. The exposure rate at H12 is consistent with past measurements.

Exposure rate measurements are summarized in Table 1

#### 4.3 Water Samples:

As a part of the St. Lucie Radiological Environmental Surveillance Program, surface water (4 locations) potable water (3 locations) and ground water (1 location) samples are collected. No isotopes which could be attributed to operation of the St. Lucie Plant were detected in any water samples collected in 1982. The gross beta results for the potable water and ground water wells are from natural radioactivity and are within the normal expected range of background measurements.

Water sample results are summarized in Table 1.

#### 4.4 Sediment and Sand:

In addition to water samples, samples of bottom sediment (6 locations) and of beach sand (3 locations) are routinely collected around the St. Lucie Plant. During this period, radioisotopes which could be attributed to the operation of the St. Lucie Plant

*K-40  
RA-226  
Th-232  
L (phosphate  
Rock)*

were detected in samples taken from within the plant discharge canal.

During normal operation, small amounts of radioactivity are periodically released in effluents from the plant. Consequently measurements of low concentrations of radioactivity in samples taken near the plant discharge would not be unexpected from time to time. The St. Lucie Plant discharge canal comprises part of the plant restricted area. The concentration of radioactivity reported in the discharge canal sediment however, is less than one third of that which would be permitted continuously in unrestricted area waters. Further, the concentrations of  $^{137}\text{Cs}$  and  $^{144}\text{Ce}$  are less than that which have been measured in environmental samples in Florida even before the operation of nuclear plants within the state.

Except for the discharge canal samples, all sand and sediment samples yielded nondetectable results.

The results for sand and sediment samples are summarized in Table 1.

#### 4.5 Aquatic and Terrestrial Biota:

The St. Lucie Plant Radiological Environmental Surveillance Program also includes samples of aquatic and terrestrial biota collected from several locations around the St. Lucie Plant. All results for these samples are within the expected normal range and are consistent with past measurements including measurements made during the pre-operational surveillance period.

The results for aquatic and terrestrial biota samples are summarized in Table 1.

#### 5.0 Conclusions

With respect to the St. Lucie Plant, the operation of St. Lucie Unit No. 1 is not contributing significantly to the presence or buildup of radioactivity in the environment around the St. Lucie Plant. Operation of St. Lucie Unit No. 1 is not contributing significantly to the exposure of any individual or population group or to any radiological consequence involving the health or safety of any individual or population group. The concentrations of any radionuclides reported in Table 1 are much less than that permitted for those radionuclides in unrestricted areas as provided in 10CFR20, Appendix B.

TABLE 1

NAME OF FACILITY ST. LUCIE PLANT, UNIT 1 DOCKET NO. 50-335  
 LOCATION OF FACILITY ST. LUCIE COUNTY, FLORIDA REPORTING PERIOD January 1, 1982 - December 31, 1982

Page 1 of 10

Medium or Pathway Sampled (Unit of Measurement)	Type and Total Number of Analyses Performed	Lower Limit of Detection (LLD)	All Indicator Locations Mean (f) <sup>a</sup> (Range) <sup>a</sup>	Location with Highest Annual Mean		Control Locations <sup>b</sup> Mean (f) <sup>a</sup> (Range) <sup>a</sup>	Number of Nonroutine Reported Measurements
				Name Distance and Direction	Mean (f) <sup>a</sup> (Range) <sup>a</sup>		
1.1 AIR							
1. Particulate filter (pCi/m <sup>3</sup> )	Gross B (467) <sup>c</sup>	.002	.015 (467/467) (.003-.036)	H30: 7609 Indian River Drive (2 miles - 245°)	.017 (52/52) (.008-.029)	.016 (51/51) (.006-.034)	
2. Particulate filter (pCi/m <sup>3</sup> )	γ Scan on monthly Composite of filters (12)	--	ND	NA	NA	ND	
3. Particulate filter (pCi/m <sup>3</sup> )	Quarterly Composite <sup>89</sup> Sr (3) <sup>c</sup> <sup>90</sup> Sr (3) <sup>c</sup>	.004	ND	NA	NA	NA	
		.002	ND	NA	NA	NA	
4. Radioiodine filter (pCi/m <sup>3</sup> )	<sup>131</sup> I (468)	.001	ND	NA	NA	NA	

ND - Not Detectable

NA - No Applicable

DS - Dissolved Solids

UDS - Undissolved Solids

TABLE 1

NAME OF FACILITY ST. LUCIE PLANT, UNIT 1 DOCKET NO. 50-335LOCATION OF FACILITY ST. LUCIE COUNTY, FLORIDA REPORTING PERIOD January 1, 1982 - December 31, 1982

Page 2 of 10

Medium or Pathway Sampled (Unit of Measurement)	Type and Total Number of Analyses Performed	Lower Limit of Detection (LLD)	All Indicator Locations Mean (f) <sup>a</sup> (Range) <sup>a</sup>	Location with Highest Annual Mean		Control Locations <sup>D</sup> Mean (f) <sup>a</sup> (Range) <sup>a</sup>	Number of Nonroutine Reported Measurements
				Name Distance and Direction	Mean(f) <sup>a</sup> (Range) <sup>a</sup>		
<u>1.2 DIRECT RADIATION</u> 1. ILD (uRem/hr)	Exposure rate (72)	--	6.1 (72/72) (3.4-20.8)	H12: FPL Substation, Stuart, FL (12 miles-180°)	20.1 (8/8) (19.0-20.8)	4.9 (8/8) (4.7-5.0)	
<u>2.1 SURFACE WATER</u> 1. Discharge Canal (pCi/l)	γ emitting <sup>d</sup> isotopes (12)	--	ND	NA	NA	NA	
	tritium (12)	160	ND	NA	NA	NA	
	<sup>89</sup> Sr (11) <sup>c</sup>	1.0	ND	NA	NA	NA	
	<sup>90</sup> Sr (11) <sup>c</sup>	0.6	ND	NA	NA	NA	
2. Ocean (pCi/l)	γ emitting <sup>d</sup> isotopes (24)	--	ND	NA	NA	ND	
	tritium (24)	160	ND	NA	NA	ND	
	<sup>89</sup> Sr (22) <sup>c</sup>	1.0	ND	NA	NA	ND	
	<sup>90</sup> Sr (22) <sup>c</sup>	0.6	ND	NA	NA	ND	
3. Estuarine (pCi/l)	γ emitting <sup>d</sup> isotopes (4)	--	ND	NA	NA	NA	
	tritium (4)	160	ND	NA	NA	NA	

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TABLE 1

NAME OF FACILITY ST. LUCIE PLANT, UNIT 1 DOCKET NO. 50-335LOCATION OF FACILITY ST. LUCIE COUNTY, FLORIDA REPORTING PERIOD January 1, 1982 - December 31, 1982

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Medium or Pathway Sampled (Unit of Measurement)	Type and Total Number of Analyses Performed	Lower Limit of Detection (LLO)	All Indicator Locations Mean (f) <sup>a</sup> (Range) <sup>d</sup>	Location with Highest Annual Mean		Control Locations <sup>b</sup> Mean (f) <sup>a</sup> (Range) <sup>d</sup>	Number of Nonroutine Reported Measurements
				Name Distance and Direction	Mean(f) <sup>a</sup> (Range) <sup>d</sup>		
<u>2.2 GROUND WATER WELL</u>							
1. Ground Water (pCi/l)	γ emitting <sup>d</sup> isotopes (4)	--	ND	NA	NA	NA	
	tritium (4)	160	ND	NA	NA	NA	
	Gross B-DS (4)	0.7	1.4 (4/4) (1.0-1.8)	H30: Residence 7601 <sup>e</sup> Indian River Drive (2 miles - 245°)	1.4(4/4) (1.0-1.8)	NA	
	Gross B-UDS (4)	0.7	ND	NA	NA	NA	
<u>2.3 POTABLE WATER WELL</u>							
1. Drinking Water (pCi/l)	γ emitting <sup>d</sup> isotopes (12)	--	ND	NA	NA	NA	
	tritium (12)	160	ND	NA	NA	NA	
	Gross B-DS (12)	0.7	2.7 (12/12) (1.4-4.6)	H11: City of Ft. Pierce Water System (9 miles -323°)	3.0 (4/4) (2.2-3.7)	NA	
	Gross B-UDS (12)	0.7	ND	NA	NA	NA	

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TABLE 1

NAME OF FACILITY ST. LUCIE PLANT, UNIT 1 DOCKET NO. 50-335LOCATION OF FACILITY ST. LUCIE COUNTY, FLORIDA REPORTING PERIOD January 1, 1982 - December 31, 1982

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Medium or Pathway Sampled (Unit of Measurement)	Type and Total Number of Analyses Performed	Lower Limit of Detection (LLD)	All Indicator Locations Mean (f) <sup>a</sup> (Range) <sup>a</sup>	Location with Highest Annual Mean		Control Locations <sup>b</sup> Mean (f) <sup>a</sup> (Range) <sup>a</sup>	Number of Nonroutine Reported Measurements
				Name Distance and Direction	Mean(f) <sup>a</sup> (Range) <sup>a</sup>		
<b>3.0 BOTTOM SEDIMENTS</b>							
<b>1. Discharge Canal (pCi/kg)</b>	<b>γ emitting<sup>d</sup> isotopes (3)</b>						
	1. <sup>58</sup> Co	24	1340 (2/3) (1310-1370)	H36: Discharge Canal (0.2 miles - 101°)	1340 (2/3) (1310-1370)	NA	
	2. <sup>60</sup> Co	11	5740 (2/3) (5230-6240)	H36: Discharge Canal (0.2 miles - 101°)	5740 (2/3) 5230-6240	NA	
	3. <sup>137</sup> Cs	10.8	100 (2/3) (90-100)	H36: Discharge Canal (0.2 miles - 101°)	100 (2/3) (90-100)	NA	
	4. <sup>144</sup> Ce	76	590 (3/3) 500-700	H36: Discharge Canal (0.2 miles - 101°)	590 (3/3) (500-700)	NA	
	5. Others	--	ND	NA	NA	NA	
	<sup>89</sup> Sr (3)	--	ND	NA	NA	NA	
	<sup>90</sup> Sr (3)	6.0	ND	NA	NA	NA	
<b>2. Ocean (pCi/kg)</b>	<b>γ emitting<sup>d</sup> isotopes (8)</b>	--	ND	NA	NA	ND	
	<sup>89</sup> Sr (7) <sup>c</sup>	--	ND	NA	NA	ND	
	<sup>90</sup> Sr (7) <sup>c</sup>	6.0	ND	NA	NA	ND	

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TABLE 1

NAME OF FACILITY ST. LUCIE PLANT, UNIT 1 DOCKET NO. 50-335LOCATION OF FACILITY ST. LUCIE COUNTY, FLORIDA REPORTING PERIOD January 1, 1982 - December 31, 1982

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Medium or Pathway Sampled (Unit of Measurement)	Type and Total Number of Analyses Performed	Lower Limit of Detection (LLD)	All Indicator Locations Mean (f) <sup>a</sup> (Range) <sup>a</sup>	Location with Highest Annual Mean		Control Locations <sup>b</sup> Mean (f) <sup>a</sup> (Range) <sup>a</sup>	Number of Nonroutine Reported Measurements
				Name Distance and Direction	Mean (f) <sup>a</sup> (Range) <sup>a</sup>		
3. Beach Sand (pCi/kg)	γ emitting <sup>d</sup> isotopes (6)	--	ND	NA	NA	ND	
	<sup>89</sup> Sr (5) <sup>c</sup>	--	ND	NA	NA	ND	
	<sup>90</sup> Sr (5) <sup>c</sup>	6.0	ND	NA	NA	ND	
4. Estuarine (pCi/kg)	γ emitting <sup>d</sup> isotopes (2)	--	ND	NA	NA	NA	
<u>4.0 AQUATIC BIOTA</u>							
1. Crustacea (pCi/kg)	γ emitting <sup>d</sup> isotopes (4)	--	ND	NA	NA	ND	
	<sup>89</sup> Sr (1)	4	ND	NA	NA	ND	
	<sup>90</sup> Sr (1)	2.4	ND	NA	NA	ND	

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TABLE 1

NAME OF FACILITY ST. LUCIE PLANT, UNIT 1 DOCKET NO. 50-335LOCATION OF FACILITY ST. LUCIE COUNTY, FLORIDA REPORTING PERIOD January 1, 1982 - December 31, 1982

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Medium or Pathway Sampled (Unit of Measurement)	Type and Total Number of Analyses Performed	Lower Limit of Detection (LLD)	All Indicator Locations Mean (f) <sup>a</sup> (Range) <sup>a</sup>	Location with Highest Annual Mean		Control Locations <sup>D</sup> Mean (f) <sup>a</sup> (Range) <sup>a</sup>	Number of Nonroutine Reported Measurements
				Name Distance and Direction	Mean(f) <sup>a</sup> (Range) <sup>a</sup>		
2. Fish, Carnivore (pCi/kg) (Jack, Trout)	γ emitting <sup>d</sup> isotopes (4) 1. <sup>144</sup> Ce	--	370 (1/4) (NA)	H32: Vero Beach (19 miles - 338°)	370 (1/2) (NA)	370 (1/2) (NA)	
	2. Others	--	ND	NA	NA	ND	
	<sup>89</sup> Sr (4)	4	ND	NA	NA	ND	
	<sup>90</sup> Sr (4)	2.4	ND	NA	NA	ND	
3. Fish, Herbivore (pCi/kg) (Mullet, Drum)	γ emitting <sup>d</sup> isotopes (4)	--	ND	NA	NA	ND	
	<sup>89</sup> Sr (4)	4	ND	NA	NA	ND	
	<sup>90</sup> Sr (4)	2.4	ND	NA	NA	ND	

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TABLE 1

NAME OF FACILITY ST. LUCIE PLANT, UNIT 1 DOCKET NO. 50-335LOCATION OF FACILITY ST. LUCIE COUNTY, FLORIDA REPORTING PERIOD January 1, 1982 - December 31, 1982

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Medium or Pathway Sampled (Unit of Measurement)	Type and Total Number of Analyses Performed	Lower Limit of Detection (LLD)	All Indicator Locations Mean (f) <sup>a</sup> (Range) <sup>a</sup>	Location with Highest Annual Mean		Control Locations <sup>D</sup> Mean (f) <sup>a</sup> (Range) <sup>a</sup>	Number of Nonroutine Reported Measurements						
				Name Distance and Direction	Mean (f) <sup>a</sup> (Range) <sup>a</sup>								
<b>5.0 TERRESTRIAL</b>													
1. Milk (pCi/l)	γ emitting <sup>d</sup> isotopes (39)	4.0	27 (30/39) (10-125)	H40: Davis Dairy, West Palm Beach (56 miles-172°)	40 (14/14) (19-125)	40 (14/14) (19-125)							
								1. <sup>137</sup> Cs					
								2. Others	ND	NA	NA	NA	
								<sup>89</sup> Sr (33) <sup>C</sup>	1.0	ND	NA	NA	ND
2. Food Crop (pCi/kg) (Citrus)	γ emitting <sup>d</sup> isotopes (7)	0.6	2.0 (33/33) (1.0-3.4)	H03: Meadow Brook Dairy (14 miles - 260°)	2.3 (13/13) (1.7-3.4)	1.8 (20/20) (1.0-2.4)							
								<sup>90</sup> Sr (33) <sup>C</sup>	0.5	0.5 (1/36) (NA)	H03: Meadow Brook Dairy (14 miles - 260°)	0.5 (1/24) (NA)	ND
								<sup>131</sup> I (36)	ND	NA	NA	ND	
		3	18.9 (7/7) (5.1 - 45.7)	H24 Poster Groves (5.4 miles - 300°)	45.7 (1/1) (NA)	14.2 (1/1) (NA)							
								<sup>89</sup> Sr (7)	ND	NA	NA	ND	
								<sup>90</sup> Sr (7)	2				

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TABLE 1

NAME OF FACILITY ST. LUCIE PLANT, UNIT 1 DOCKET NO. 50-335LOCATION OF FACILITY ST. LUCIE COUNTY, FLORIDAREPORTING PERIOD January 1, 1982 - December 31, 1982

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Medium or Pathway Sampled (Unit of Measurement)	Type and Total Number of Analyses Performed	Lower Limit of Detection (LLD)	All Indicator Locations Mean (f) <sup>a</sup> (Range) <sup>d</sup>	Location with Highest Annual Mean		Control Locations <sup>b</sup> Mean (f) <sup>a</sup> (Range) <sup>d</sup>	Number of Nonroutine Reported Measurements
				Name Distance and Direction	Mean(f) <sup>a</sup> (Range) <sup>a</sup>		
3. Food Crop (pCi/kg) (Vegetation, garden greens)	γ emitting <sup>d</sup> Isotopes (1)						
	1. <sup>137</sup> Cs	5	166 (1/1) (NA)	H41:Residence 8407 Indian River Drive (2 miles - 245°)	166 (1/1) (NA)	NA	
	2. <sup>131</sup> I	4.7	ND	NA	NA	NA	
	3. Others	--	ND	NA	NA	NA	

ND - Not Detectable

NA - No Applicable

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TABLE 1  
Notes

Note a. - Mean and range based upon detectable measurements only. Fraction of detectable measurements at specific locations is indicated in parenthesis (f)

Note b. - Control locations for the St. Lucie Plant Radiological Environmental Surveillance Program are as follows:

H32 - Vero Beach, Florida - 19 miles, 338°

1. Air Particulate and Radioiodine
2. Direct Radiation
3. Surface Water - Ocean
4. Bottom Sediment - Ocean
5. Beach Sand
6. Crustacea
7. Fish, Carnivore
8. Fish Herbivore

H39 - Vero Beach, Florida - 20 miles, 338°

1. Terrestrial Biota - Citrus Crop.

H40 - Palm Beach County, Florida - 53 miles, 174°

1. Milk

Note c. - The following is a list of missing or incomplete data. Incomplete data not available to be included in this report will be provided in a supplemental report.

<u>Medium or Pathway Sampled</u>	<u>Analysis For</u>	<u>Location/Date</u>	<u>Reason Missing</u>
Particulates in Air	$^{89}\text{Sr}$ , $^{90}\text{Sr}$	Composite of all fourth quarter samples	Incomplete
Surface Water, Discharge Canal	$^{89}\text{Sr}$ , $^{90}\text{Sr}$	H36/12-7-82	Incomplete
Surface Water, Ocean	$^{89}\text{Sr}$ , $^{90}\text{Sr}$	H15/12-7-82	Incomplete
Surface Water, Ocean	$^{89}\text{Sr}$ , $^{90}\text{Sr}$	H32/12-7-82	Incomplete
Bottom Sediment, Ocean	$^{89}\text{Sr}$ , $^{90}\text{Sr}$	H16/12-7-82	Incomplete
Beach Sand	$^{89}\text{Sr}$ , $^{90}\text{Sr}$	H16/12-7-82	Incomplete
Milk	$^{89}\text{Sr}$ , $^{90}\text{Sr}$	H03/11-4-82	Incomplete
Milk	$^{89}\text{Sr}$ , $^{90}\text{Sr}$	H03/12-7-82	Incomplete
Milk	$^{89}\text{Sr}$ , $^{90}\text{Sr}$	H03/12-7-82	Incomplete
Particulates in Air	Gross B	H32/12-7-82	Sample line was found disconnected at time of collection

Note d. - Excluding Potassium - 40 ( $^{40}\text{K}$ ), Radon - 226 ( $^{226}\text{Ra}$ ) and Thorium - 232 ( $^{232}\text{Th}$ ) which are naturally occurring radioisotopes commonly found in many environmental specimens.

Note e. - The ground water sample is unavailable at 7609 Indian River Drive; the sample is now collected at 7601 Indian River Drive.

*Handwritten signature*

TABLE 2

Page 1 of 2

St. Lucie Plant: Garden, Residence and Milch Animal Census for Period 1/1/82 to 12/31/82

Sector	DISTANCE TO NEAREST <sup>(a,b)</sup>				
	Milk Cows	Cows Others	Milk Goat	Residence	500ft <sup>2</sup> Vegetable Garden
N	0(c)	0	0	0	0
NNE	0	0	0	0	0
NE	0	0	0	0	0
ENE	0	0	0	0	0
E	0	0	0	0	0
ESE	0	0	0	0	0
SE	0	0	0	1.5/141	0
SSE	L(d)	L	L	3.4/153	L
S	L	L	L	3.2/191	3.8/186
SSW	L	L	L	2.2/213	2.3/211
SW	L	L	L	1.9/236	1.9/235
WSW	L	L	L	1.9/245(f)	1.9/245
W	L	L	L	1.9/260	1.9/260
WNW	L	L	7.1/298(e)	2.3/281	2.3/284
NW	L	L	13.5/317	3.5/304	5.0/314
NNW	L	L	L	L	L



TABLE 2

NOTES

(a) Locations reported out to 5 miles radius from the plant except "Milk, Goat" to 15 miles.

(b) The following format is used to denote the location:

distance (miles)/bearing (degrees)

For example, the residence located in the Southeast sector at a distance of 1.6 miles bearing 142 degrees is recorded as 1.6/142.

(c) 0 denotes that the sector area is predominantly an ocean area.

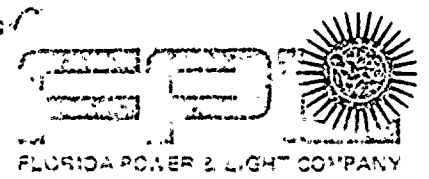
(d) L denotes that the sector area is predominantly a land area unoccupied by the category type.

(e) These goats do not produce milk for human consumption.

(f) Several residences in this sector are located approximately 1.9 miles from the St. Lucie Plant.

*H. D. MONTGOMERY*  
*Commissioner*  
*Doc 121*

FLORIDA POWER & LIGHT COMPANY, PL 33403



April 1, 1983  
L-83-210

Mr. James P. O'Reilly  
Regional Administrator, Region II  
U.S. Nuclear Regulatory Commission,  
101 Marietta Street N.W., Suite 2900  
Atlanta, Georgia 30303

Dear Mr. O'Reilly:

Re: St. Lucie Unit 1  
Docket No. 50-335/D  
Annual Radiological Environmental  
Monitoring Report

The Annual Radiological Environmental Monitoring Report for the period  
January 1, 1982, through December 31, 1982, is attached. This report is  
submitted in accordance with Environmental Technical Specification 5.6.1.b.

Very truly yours,  
*J. A. DeMostro*

Robert E. Uhrig  
Vice President  
Advanced Systems & Technology

REU/PLP/mpc

Attachment

cc: Harold F. Reis, Esquire

*IE25 11*  
*Extra Copy*  
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