

# CATEGORY 1

REGULATOR INFORMATION DISTRIBUTION SYSTEM (RIDS)

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| FACIL: 50-335 St. Lucie Plant, Unit 1, Florida Power & Light Co. |                           |               | 05000335 |
| 50-389 St. Lucie Plant, Unit 2, Florida Power & Light Co.        |                           |               | 05000389 |
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| RECIP. NAME  | RECIPIENT AFFILIATION     |               |          |

SUBJECT: "1996 Man-Rem Rept." W/970224 ltr.

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February 24, 1997

L-97-52  
10 CFR 50.36

U. S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, DC 20555

Gentlemen:

Re: St. Lucie Units 1 and 2  
Docket Nos. 50-335 and 50-389  
1996 Annual Operating Report

Pursuant to Technical Specification 6.9.1.4, this letter transmits the 1996 Annual Operating Report for St. Lucie Units 1 and 2. The report covers activities on a calendar year basis for both units.

Section 1 Man-REM Report required by Technical Specification 6.9.1.5.

Section 2 Primary Chemistry information required by Technical Specification 6.9.1.5.

Should there be any questions on this information, please contact us.

Very truly yours,

J. A. Stall  
Vice President  
St. Lucie Plant

JAS/ptq

cc: Regional Administrator, Region II, USNRC  
Senior Resident Inspector, USNRC, St. Lucie Plant

*Att. 1 > 1/*

Enclosure

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PDR ADDCK 05000335  
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St. Lucie Units 1 and 2  
Docket Nos. 50-335 and 50-389  
1996 Annual Operating Report

SECTION 1

TECHNICAL SPECIFICATION 6.9.1.5

ST. LUCIE UNITS 1 AND 2

1996 MAN-REM REPORT

FLORIDA POWER & LIGHT  
RADIATION EXPOSURE MONITORING & ACCESS CONTROL SYSTEM - REMACS

1996 MAN-REM REPORT  
STANDARD FORMAT FOR REPORTING NUMBER OF PERSONNEL & MAN-REM FOR WORK & JOB FUNCTIONS

| WORK AND JOB FUNCTION                | - NUMBER OF PERSONNEL > 100 MREM - |           |            | TOTAL MAN / REM |                |                |
|--------------------------------------|------------------------------------|-----------|------------|-----------------|----------------|----------------|
|                                      | STATION                            | UTILITY   | CONTRACT   | STATION         | UTILITY        | CONTRACT       |
| <b>REACTOR OPERATIONS &amp; SURV</b> |                                    |           |            |                 |                |                |
| ENGINEERING                          | 0                                  | 0         | 0          | 000.000         | 000.107        | 000.000        |
| HEALTH PHYSICS                       | 0                                  | 0         | 0          | 000.410         | 000.006        | 000.007        |
| MAINTENANCE                          | 0                                  | 0         | 3          | 000.324         | 000.029        | 001.180        |
| OPERATIONS                           | 13                                 | 0         | 3          | 005.217         | 000.398        | 001.892        |
| SUPERVISOR                           | 0                                  | 0         | 0          | 000.000         | 000.000        | 000.000        |
| <b>ROUTINE MAINTENANCE</b>           |                                    |           |            |                 |                |                |
| ENGINEERING                          | 0                                  | 1         | 0          | 000.004         | 000.809        | 000.001        |
| HEALTH PHYSICS                       | 48                                 | 0         | 78         | 017.893         | 000.016        | 030.630        |
| MAINTENANCE                          | 182                                | 11        | 173        | 061.304         | 003.217        | 057.175        |
| OPERATIONS                           | 35                                 | 3         | 6          | 008.583         | 001.029        | 002.829        |
| SUPERVISOR                           | 0                                  | 0         | 0          | 000.005         | 000.000        | 000.000        |
| <b>INSERVICE INSPECTION</b>          |                                    |           |            |                 |                |                |
| ENGINEERING                          | 0                                  | 1         | 0          | 000.010         | 000.421        | 000.002        |
| HEALTH PHYSICS                       | 0                                  | 0         | 0          | 000.153         | 000.000        | 000.009        |
| MAINTENANCE                          | 0                                  | 0         | 91         | 000.227         | 000.214        | 074.217        |
| OPERATIONS                           | 1                                  | 2         | 19         | 000.697         | 000.701        | 020.318        |
| SUPERVISOR                           | 0                                  | 0         | 0          | 000.000         | 000.000        | 000.000        |
| <b>SPECIAL MAINTENANCE</b>           |                                    |           |            |                 |                |                |
| ENGINEERING                          | 0                                  | 0         | 0          | 000.004         | 000.162        | 000.000        |
| HEALTH PHYSICS                       | 1                                  | 0         | 14         | 000.444         | 000.000        | 003.760        |
| MAINTENANCE                          | 62                                 | 1         | 110        | 020.929         | 000.357        | 033.870        |
| OPERATIONS                           | 1                                  | 3         | 5          | 000.568         | 001.235        | 001.438        |
| SUPERVISOR                           | 0                                  | 0         | 0          | 000.000         | 000.000        | 000.000        |
| <b>WASTE PROCESSING</b>              |                                    |           |            |                 |                |                |
| ENGINEERING                          | 0                                  | 0         | 0          | 000.000         | 000.000        | 000.000        |
| HEALTH PHYSICS                       | 6                                  | 0         | 8          | 002.286         | 000.000        | 003.038        |
| MAINTENANCE                          | 10                                 | 0         | 16         | 003.500         | 000.000        | 004.183        |
| OPERATIONS                           | 0                                  | 0         | 0          | 000.127         | 000.000        | 000.109        |
| SUPERVISOR                           | 0                                  | 0         | 0          | 000.000         | 000.000        | 000.000        |
| <b>REFUELING</b>                     |                                    |           |            |                 |                |                |
| ENGINEERING                          | 0                                  | 0         | 0          | 000.000         | 000.139        | 000.000        |
| HEALTH PHYSICS                       | 0                                  | 0         | 0          | 000.046         | 000.000        | 000.039        |
| MAINTENANCE                          | 0                                  | 0         | 0          | 000.120         | 000.000        | 000.031        |
| OPERATIONS                           | 0                                  | 0         | 0          | 001.487         | 000.044        | 000.057        |
| SUPERVISOR                           | 0                                  | 0         | 0          | 000.000         | 000.000        | 000.000        |
| <b>TOTALS</b>                        |                                    |           |            |                 |                |                |
| ENGINEERING                          | 0                                  | 4         | 0          | 000.018         | 001.638        | 000.003        |
| HEALTH PHYSICS                       | 51                                 | 0         | 83         | 021.232         | 000.022        | 037.483        |
| MAINTENANCE                          | 211                                | 12        | 343        | 086.404         | 003.817        | 170.656        |
| OPERATIONS                           | 55                                 | 9         | 29         | 016.679         | 003.407        | 026.545        |
| SUPERVISOR                           | 0                                  | 0         | 0          | 000.005         | 000.000        | 000.000        |
| <b>GRAND TOTALS</b>                  | <b>317</b>                         | <b>25</b> | <b>455</b> | <b>124.338</b>  | <b>008.884</b> | <b>234.687</b> |

St. Lucie Units 1 and 2  
Docket Nos. 50-335 and 50-389  
1996 Annual Operating Report

## SECTION 2

### TECHNICAL SPECIFICATION 6.9.1.5 AND 3.4.8

#### CHEMISTRY RESULTS

In accordance with Technical Specification 6.9.1.5, the primary coolant specific activity did not exceed the limits of Technical Specification 3.4.8.

