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50-389 St. Lucie Plant, Unit 2, Florida Power & Light Co.      05000389  
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SAGER, D.A.      Florida Power & Light Co.  
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SUBJECT: Forwards dune survey results completed on 930607 for St Lucie Plant, units 1 & 2.

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July 2, 1993

L-93-165  
10 CFR 50.36

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

Re: St. Lucie Units 1 and 2  
Docket Nos. 50-335 and 50-389  
St. Lucie Plant Beach Survey

The attached report is being submitted pursuant to Technical Specification 4.7.6.1.1. The field survey for this report was completed on June 7, 1993, and the results of the survey are attached.

Since the average values of these results are greater than or within the range of those provided in the St. Lucie Unit 1 Final Updated Safety Analysis Report (FUSAR), Section 2.4.2.2, it is concluded that the dune condition is acceptable according to the criteria in the St. Lucie Unit 1 Technical Specification 5.1.3.

If there should be any questions please contact us.

Very truly yours,

*D. A. SAGER*  
*By H. J. Baisy*  
D. A. Sager  
Vice President  
St. Lucie Plant

DAS:JJB:kw

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

DAS/PSL #943-93

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**ST. LUCIE SITE - DUNE SURVEY**  
**JUNE 7, 1993**

REF. NO.	CREST ELEVATION ABOVE MSL (Ft.)	DUNE WIDTH AT CREST ELEVATION (Ft.) (*)	WIDTH OF OLD DUNE ROAD ELEVATION (Ft.) (**)	DISTANCE FROM CENTER OF OLD DUNE ROAD TO MHW (Ft.)
76	10.8	50.0	51.0	95.0
77	11.0	37.0	37.0	88.0
78	10.7	38.0	95.0	120.0
79	11.1	32.0	68.0	103.0
80	12.3	30.0	70.0	130.0
80-A	12.3	45.0	75.0	146.0
80-B	15.7	N/A	N/A	N/A
81	14.2	N/A	N/A	N/A
81-A	14.5	40.0	N/A	N/A
81-B	12.5	34.0	N/A	N/A
82	13.4	20.0	N/A	N/A
82-A	14.1	34.0	N/A	N/A
82-B	13.8	18.0	N/A	N/A
83	13.6	15.0	N/A	N/A
83-A	11.6	42.0	N/A	N/A
83-B	12.0	28.0	N/A	N/A
84	12.5	15.0	N/A	N/A
85	11.6	26.0	N/A	N/A
86	10.1	47.0	N/A	N/A
87	12.1	28.0	N/A	N/A
88	12.8	27.0	N/A	N/A
AVERAGE:	12.5	29.8	66.0	113.7
MAXIMUM:	15.7	50.0	95.0	146.0
MINIMUM	10.1	15.0	37.0	88.0

(\*) Measured one foot below the crest elevation.  
 (\*\*) Elevation taken at centerline of Old Dune Road.  
 N/A No apparent road visible.