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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  
 AUTH. NAME      AUTHOR AFFILIATION  
 SAGER, D.A.      Florida Power & Light Co.  
 RECIPIENT NAME      RECIPIENT AFFILIATION  
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SUBJECT: Forwards results of plant beach dune survey conducted on 910530-0604.

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L-91-182  
10 CFR 50.36

U. S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
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Gentlemen:

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 4, 1991 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  
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 #462

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*Cool*  
*AD 5/28*

ST. LUCIE SITE - DUNE SURVEY  
MAY 30 THROUGH JUNE 4, 1991

<u>REF. NO.</u>	<u>CREST ELEVATION ABOVE MSL (FT.)</u>	<u>DUNE WIDTH AT CREST ELEVATION (FT.) (*)</u>	<u>WIDTH OF OLD DUNE ROAD ELEVATION (FT.) (**)</u>
76	11.2	20	N/A
77	10.3	50	44.7
78	11.1	25	88
79	10.5	43	89
80	12.0	30	63.2
80-A	12.4	36	71.6
80-B	16.6	N/A	N/A
81	14.2	42	N/A
81-A	14.9	22	N/A
81-B	14.3	41.8	N/A
82	14.8	42.1	N/A
82-A	14.03	52	N/A
82-B	13.65	15	N/A
83	13.4	18.4	N/A
83-A	11.8	21	N/A
83-B	12.5	14	N/A
84	12.0	23	N/A
85	10.8	23	N/A
86	9.9	38	N/A
87	12	18	N/A
88	12.3	22	N/A
AVERAGE:	12.6	29.8	71.3
MAXIMUM:	16.6	52	89.0
MINIMUM:	9.9	14.0	44.7

(\*) Measured one foot below the crest elevation.

(\*\*) Elevation taken at centerline of Old Dune Road.

N/A - No apparent road visible.

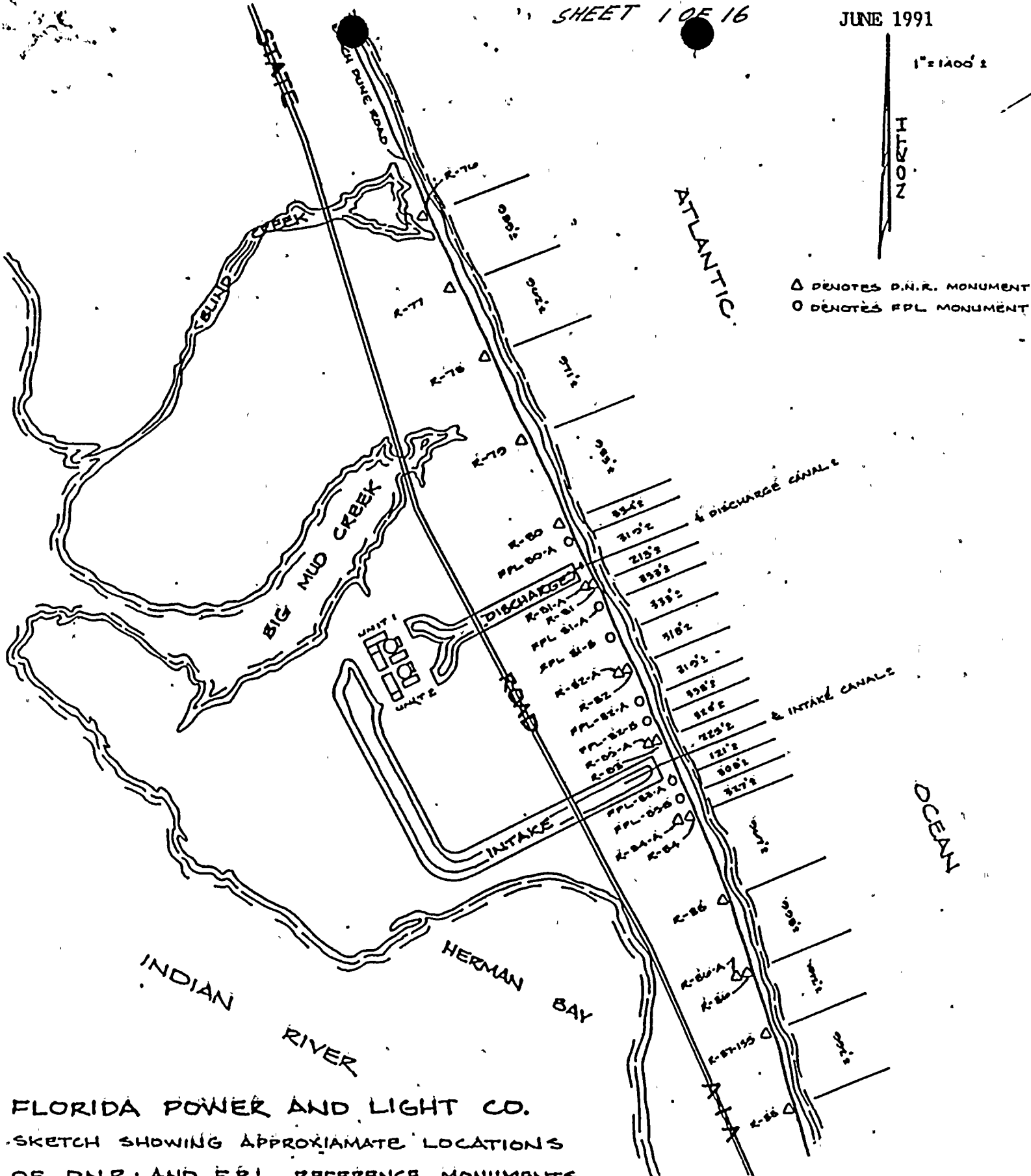


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NORTH



FLORIDA POWER AND LIGHT CO.  
 SKETCH SHOWING APPROXIMATE LOCATIONS  
 OF D.N.R. AND F.P.L. REFERENCE MONUMENTS  
 FOR DUNE SURVEYS AT THE ST. LUCIE POWER  
 PLANT

*Richard W. Bussell*  
 RICHARD W. BUSSELL  
 REGISTERED LAND SURVEYOR  
 FLORIDA CERTIFICATION NO: 3858

**WEATHERINGTON ENGINEERING & SURVEYING**

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