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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
UHRIG,R.E. Florida Power & Light Co.
RECIP.NAME RECIPIENT AFFILIATION
EISENHUT,D.G. Division of Licensing

SUBJECT: Informs of plans to construct small recreational facility on beach east of Blind Creek.Project will result in no significant safety hazard.Maps depicting proposed recreational area encl.

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P. O. B[illegible]4000, JUNO BEACH, FL 33408

FLORIDA POWER & LIGHT COMPANY

July 23, 1982
L-82-307

Office of Nuclear Reactor Regulation
Attn: Mr. Darrell G. Eisenhut, Director
Div. of Licensing
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Eisenhut:

Re: St. Lucie Units 1 and 2
Docket Nos. 50-335, 50-389
Beach Recreational Facilities

Florida Power and Light Company in cooperation with St. Lucie County plants to construct a small recreational facility on the north end of our property near the St. Lucie plant. This letter is to inform you of our plans. We have discussed this with Messrs. C. Nelson and J. Hellman of your staff.

Figure 1 shows the location of the proposed recreation area. It will be located on the beach east of Blind Creek. Figures 2 and 3 provide a more detailed view of the area.

Access is from State Road A-1-A on an existing shellrock road which is along the southern end of Blind Creek. The road will remain as a shellrock road, however, we plan to improve its existing condition. In addition, the facilities depicted in Figure 3 will be added. Figure 4 is an additional sketch of the facility.

We have determined that the recreational facility will result in no significant hazard to the public health and safety. In fact, these plants will result in improved access and egress to the beach and provide an enjoyable recreational area for the public.

However, please be advised that we are in the process of discussing with St. Lucie County arrangements for proceeding with the facility. Therefore, we would appreciate any further comments from your staff as soon as possible.

Yours truly,

Robert E. Uhrig
Vice President
Advanced System and Technology

REU/cab

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original & Encls (Figures)
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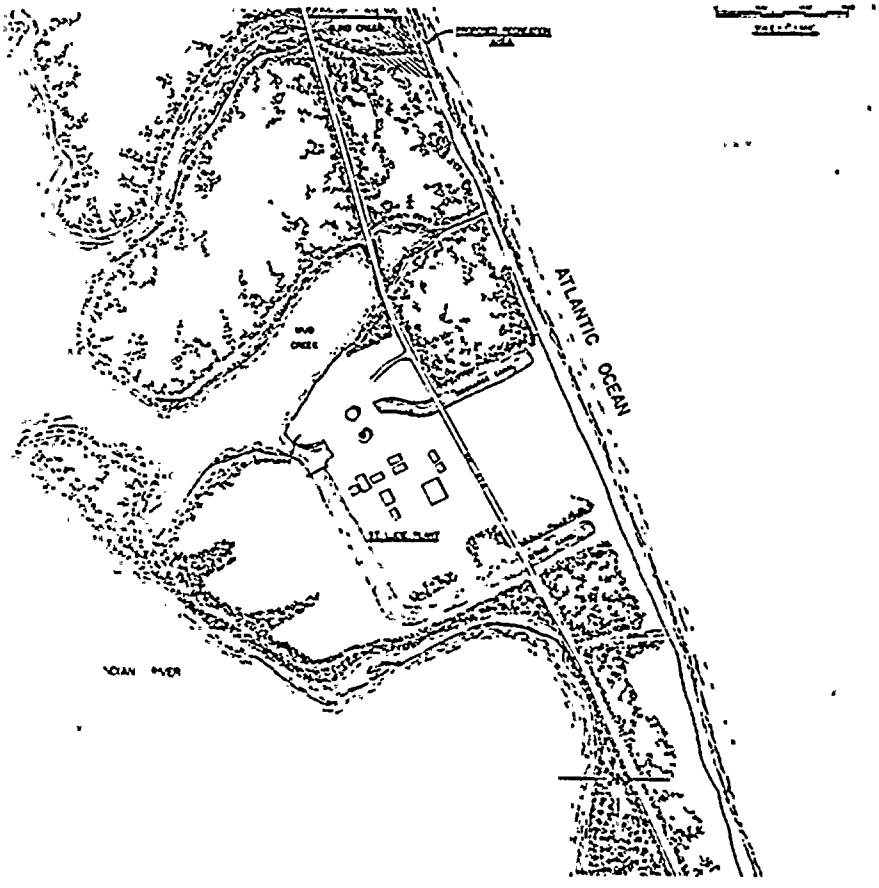
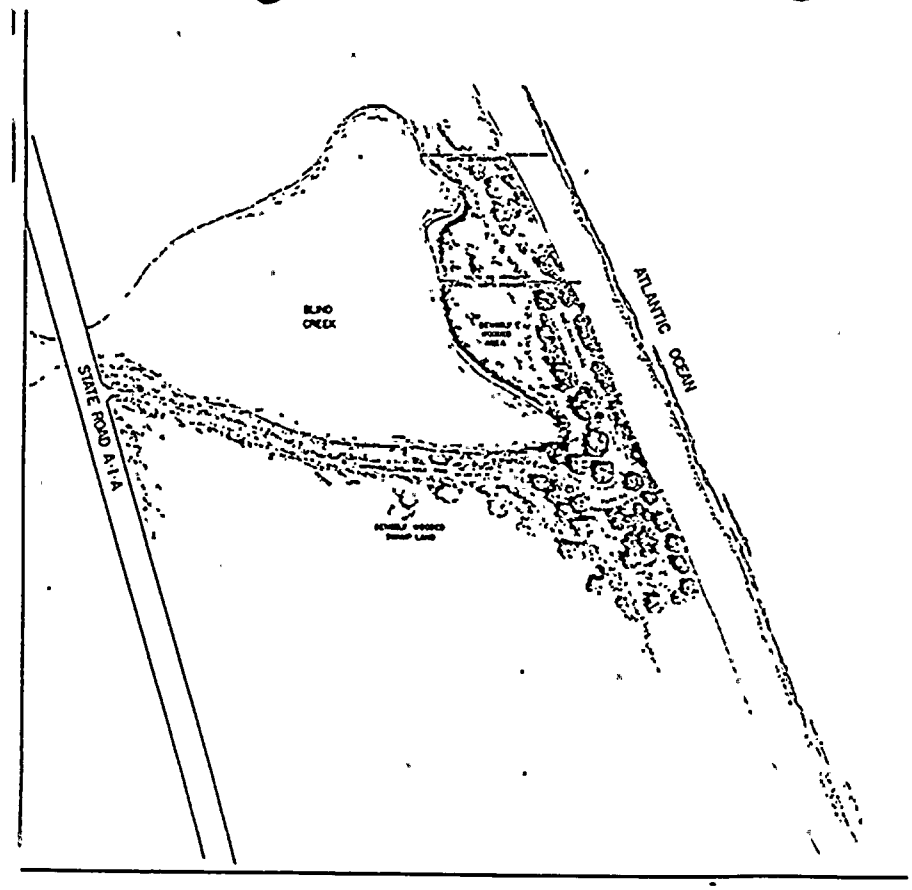
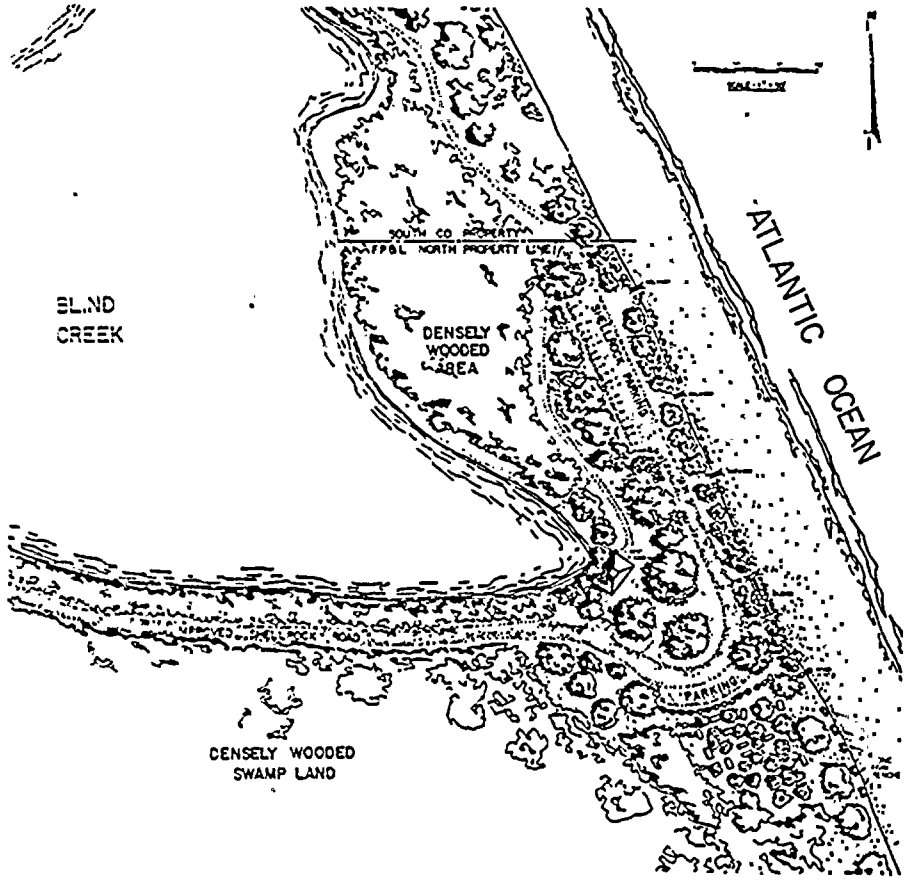
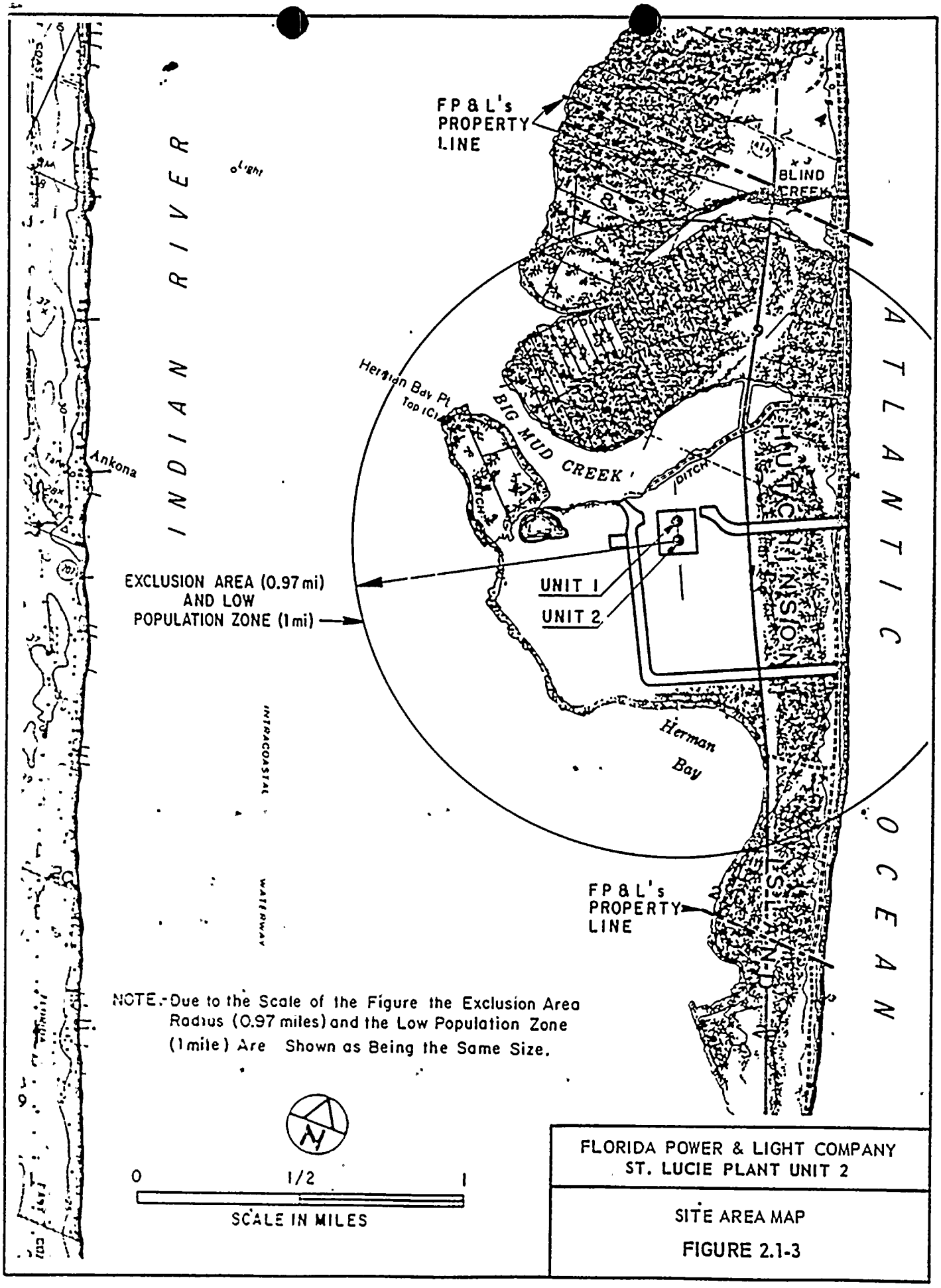


Figure 1 Location of Proposed Recreational Area.





Figures 2 and 3 more Detailed View of Proposed Park.



FLORIDA POWER & LIGHT COMPANY
ST. LUCIE PLANT UNIT 2

SITE AREA MAP

FIGURE 2.1-3

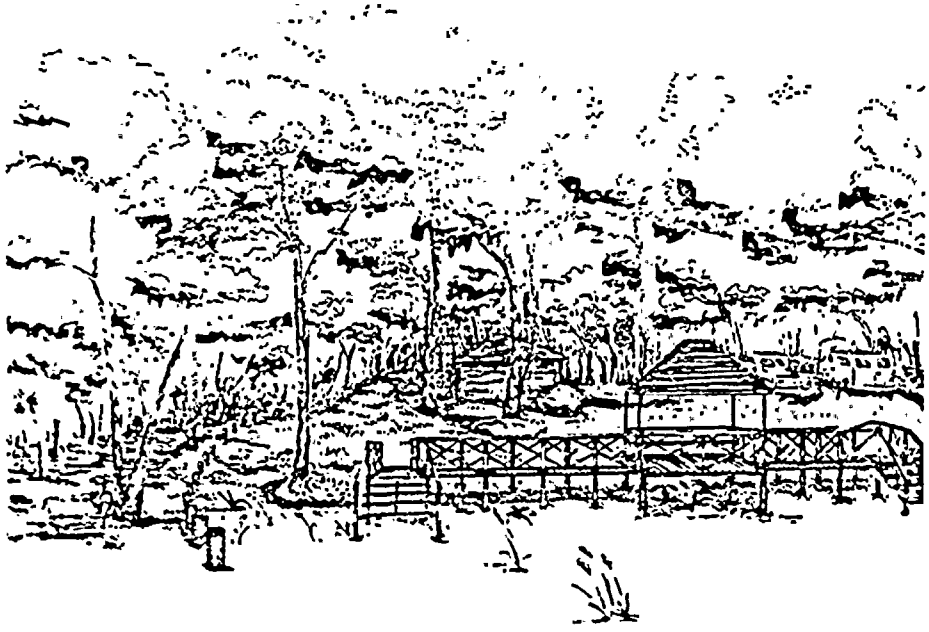


Figure 4 View of Proposed Park from Beach.

§ 100.2 Scope.

(a) This part applies to applications filed under Part 50 of this chapter for stationary power and testing reactors.

(b) The site criteria contained in this part apply primarily to reactors of a general type and design on which experience has been developed, but can also be applied to other reactor types. In particular, for reactors that are novel in design and unproven as prototypes or pilot plants, it is expected that these basic criteria will be applied in a manner that takes into account the lack of experience. In the application of these criteria which are deliberately flexible, the safeguards provided—either site isolation or engineered features—should reflect the lack of certainty that only experience can provide.

[27 FR 3509, Apr. 12, 1962, as amended at 40 FR 8793, Mar. 3, 1975]

§ 100.3 Definitions.

As used in this part:

(a) "Exclusion area" means that area surrounding the reactor, in which the reactor licensee has the authority to determine all activities including exclusion or removal of personnel and property from the area. This area may be traversed by a highway, railroad, or waterway, provided these are not so close to the facility as to interfere with normal operations of the facility and provided appropriate and effective arrangements are made to control traffic on the highway, railroad, or waterway, in case of emergency, to protect the public health and safety. Residence within the exclusion area shall normally be prohibited. In any event, residents shall be subject to ready removal in case of necessity. Activities unrelated to operation of the reactor may be permitted in an exclusion area under appropriate limitations, provided that no significant hazards to the public health and safety will result.

(b) "Low population zone" means the area immediately surrounding the exclusion area which contains residents, the total number and density of which are such that there is a reasonable probability that appropriate protective measures could be taken in their behalf in the event of a serious accident. These guides do not specify a permissible population density or total population within this zone because the situation may vary from case to case. Whether a specific number of people can, for example, be evacuated from a specific area, or instructed to take shelter, on a timely basis will depend on many factors such as location, number and size of highways, scope and extent of advance planning, and actual distribution of residents within the area.

(c) "Population center distance" means the distance from the reactor to the nearest boundary of a densely populated center containing more than about 25,000 residents.

(d) "Power reactor" means a nuclear reactor of a type described in § 50.21(b) or § 50.22 of this chapter designed to produce electrical or heat energy.

(e) "Testing reactor" means a "testing facility" as defined in § 50.2 of this chapter.

SITE EVALUATION FACTORS

§ 100.10 Factors to be considered when evaluating sites.

Factors considered in the evaluation of sites include those relating both to the proposed reactor design and the characteristics peculiar to the site. It is expected that reactors will reflect through their design, construction and operation an extremely low probability for accidents that could result in release of significant quantities of radioactive fission products. In addition, the site location and the engineered features included as safeguards against the hazardous consequences of an accident, should one occur, should insure a low risk of public exposure. In particular, the Commission will take the following factors into consideration in determining the acceptability of a site for a power or testing reactor:

(a) Characteristics of reactor design and proposed operation including:

(1) Intended use of the reactor including the proposed maximum power level and the nature and inventory of contained radioactive materials;

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