

CS MS-016

AUG 24 1981

Docket Nos. 50-335
and 50-389



Dr. Robert E. Uhrig
Vice President
Advanced Systems and Technology
Florida Power & Light Company
P. O. Box 529100
Miami, Florida 33152

Dear Dr. Uhrig:

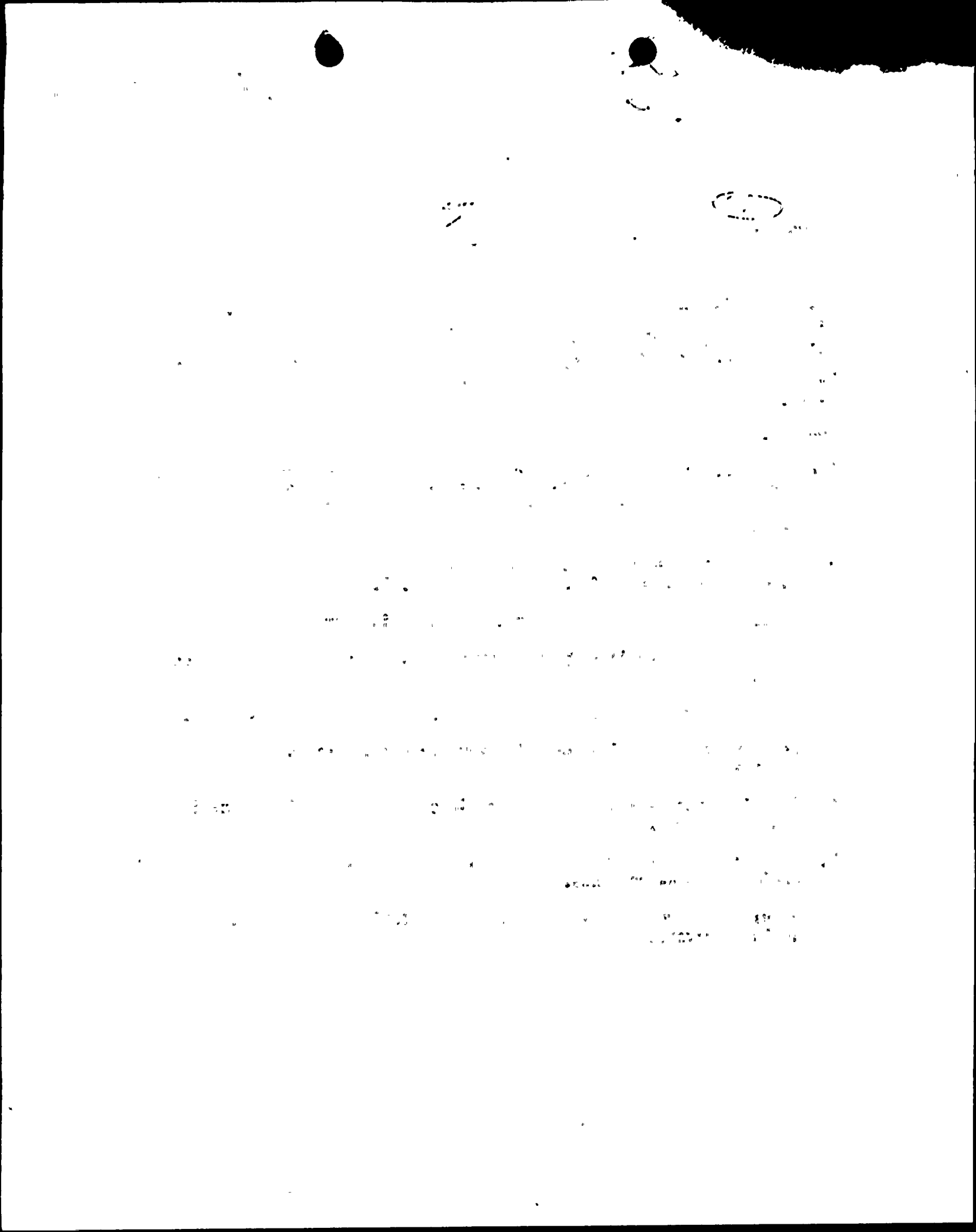
Our review of the preliminary evacuation time estimates for the area near St. Lucie Station submitted in your letters of July 17, 1980 and April 1, 1981 identifies the following areas where additional information is required.

1. Provide an estimate of permanent residents by sector similar to Figure 1 in Appendix 4 to NUREG-0654, Rev. 1.
2. Indicate how estimates of transient population were made.
3. Report special facility populations on an institution by institution basis.
4. Report roadway capacities and characteristics by roadway segment.
5. Use a reduced capacity for estimating evacuation times under adverse conditions.
6. Identify potential bottleneck locations that may require special traffic control.
7. Have the draft report reviewed by local and State agencies and provide copies of their comments.
8. Provide a thorough explanation of methodologies and assumptions used in the analysis.

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On August 18, 1981, V. Nerses, NRC Project Manager for St. Lucie 2, discussed with H. Johnson and E. Dotson of FP&L the response date for the above items. FP&L agreed to provide by September 1, 1981 either the above requested information or a commitment date for providing the information.

Sincerely,

Original signed by:

ELC for
Robert A. Clark, Chief
Operating Reactors Branch #3
Division of Licensing

cc: See next page

*See next page for previous concurrence and distribution.

OFFICE	ORB#3:DL*	ORB#3:DL*	LB. 1*	LB. 3*	ORB#3:DL		
SURNAME	PMKreutzer	CNelson/pn	VNerses	FMiraglia	RAClark		
DATE	8/14/81	8/14/81	8/21/81	8/21/81	8/24/81		

Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains. The number of transformed cells was determined by the number of colonies obtained on the selective medium. The results are the mean of three independent experiments. Error bars represent the standard deviation.

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Figure 1. Schematic representation of the experimental design. The subjects were divided into two groups: the control group (CG) and the experimental group (EG). The CG was divided into two subgroups: the control group (CG) and the control group (CG). The EG was divided into two subgroups: the experimental group (EG) and the experimental group (EG). The CG was divided into two subgroups: the control group (CG) and the control group (CG). The EG was divided into two subgroups: the experimental group (EG) and the experimental group (EG).

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Vice President
Advanced Systems & Technology
Florida Power & Light Company
P. O. Box 529100
Miami, Florida 33152

Dear Dr. Uhrig:

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8. Provide a thorough explanation of methodologies and assumptions used in the analysis.

Please submit this information within 60 days of receipt of this letter.

Sincerely,

Robert A. Clark, Chief
Operating Reactors Branch #3
Division of Licensing

cc: See next page

OFFICE	ORB#3:DL	ORB#3:DL	LB 1	LB 3	ORB#3:DL		
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