

**Florida Bureau of Archaeological Research, Department of State
Archaeological Research Permit - 1A-32 Application**

Project Name:	Cultural Resource Assessment Survey in Support of Phase 2A NFRC project	Application Date:	04/26/2019
Applicant Name:	Lillian Azevedo	Email Address:	lillian.azevedo@searchinc.com
Applicant Affiliation:	SEARCH, Inc.		
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Principal Investigator (attach brief resume):	Lillian Azevedo	<input checked="" type="checkbox"/> RPA
Project Contact Person:	Lillian Azevedo	Telephone: 904-806-3375
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Site or Project Location (attach detailed map of project location):	
Twin Rivers State Forest	
Florida Site File number(s): none	
Property Manager Name/Position: Florida Forest Service	
Property Manager Email:	Phone: 386-208-1460

Threats to Resource:	Construction of proposed transmission line.		
Proposed Work (attach research design):			
See attached Research Design			
Crew Size: 4-8	Estimated Project Cost:	confidential	
Source of Funding:	Florida Power & Light		
Proposed Field Start Date:	04/30/2019	Proposed Field End Date:	06/30/2019
Proposed Laboratory End Date:	06/30/2019		
Proposed Report Date (including site forms and artifacts):	12/31/2019		

Publication Outlet(s): Florida DHR
Curatorial Facility: Florida BAR facility at Mission San Luis

~~HRE4404-02~~

HRE4404-13

(Note: If underwater or wetlands excavations are involved, provide evidence that dredge and fill permits [DEP and COE] and consent to use state lands [DEP] have been obtained, or determined not necessary.)

RESEARCH DESIGN

SEARCH has been contracted by Gulf Power to complete the cultural resource assessment survey (CRAS) for the proposed North Florida Resiliency Connection (NFRC) Project in Leon, Jefferson, Madison, and Suwannee Counties, Florida. The route passes through the Twin Rivers State Forest in Madison and Suwannee Counties, as shown on **Figure 1**.

The investigation will include an archaeological survey within the Physical Area of Potential Effects (APE) (50 feet from each side of the centerline). The survey methods and documentation for previously recorded and newly recorded cultural resources will follow Florida Division of Historical Resources (FDHR) guidelines. The goal of the CRAS will be to identify cultural resources (archaeological sites, cemeteries, historical structures, bridges, linear resources [e.g., roads, railroads, canals], or landscapes) that may be affected by the Project. The potential for areas to contain cultural material has been assessed using the criteria below:

Probability Zone	Criteria
High	<ul style="list-style-type: none"> • Within 100 meters of a waterbody, or • Within 50 meters of a previously recorded site, or • Inside the boundary of a previously recorded site that does not have a SHPO evaluation of “eligible” or “ineligible”
Moderate	<ul style="list-style-type: none"> • Between 100 and 300 meters of a waterbody on soils classified as poorly drained or better, except within the boundary of a previously recorded site
Low	<ul style="list-style-type: none"> • Does not meet any of the above criteria

The survey will result in a technical report that will include a description of the cultural resources documented within the Physical and Visual APEs, as well as a recommendation regarding the National Register of Historic Places (NRHP) eligibility of each of these resources.

Documentation of Archaeological Sites and Occurrences

Archaeological sites will be recorded where three or more artifacts are found (surface or subsurface) within a 30-meter radius. Artifact deposits that do not meet this threshold will be documented as archaeological occurrences (AOs). Archaeological sites and AOs will be documented and delineated in the same manner in the field, but AOs will not receive trinomials or Florida Master Site File (FMSF) forms.

Newly Recorded Sites

The boundaries of previously unrecorded archaeological sites and AOs will be delineated by at least two consecutive negative shovel tests placed at 12.5-meter intervals in each of the cardinal directions from the outer extent of positive shovel tests or surface artifacts. However, no site documentation will occur outside the limits of the Physical APE. A sketch map will be created showing positive and negative shovel tests, surface finds, the built environment, and environmental features that influence the delineation process. Site boundaries and features also will be documented via Global Positioning System (GPS).



Previously Recorded Sites

The proposed transmission corridor intersects three previously recorded sites within the Twin Rivers State Park. These sites will be relocated using shovel tests placed at 25-meter intervals within the previously recorded site boundaries and a 50-meter buffer. The sites will be delineated within the Physical APE with consecutive negative shovel tests at 12.5-meter intervals. Based on these results, the integrity and research value of the portion of the sites within the Physical APE will be assessed per the NRHP eligibility criteria:

- (1) Site 8MD00092 is an unevaluated prehistoric site with stone tools and ceramics recorded in 1993. A site visit 2006 failed to locate the site.
- (2) The proposed transmission corridor overlaps the southern edge of site 8MD00321 by approximately 10 meters. This site yielded artifacts from the late Archaic and Leon-Jefferson culture periods, including a human post-secondary burial, which was identified in an intact feature located 80 centimeters below the surface (cubs). Based on the prepared field map, this burial is located approximately 30 meters north of the currently proposed transmission line. In addition, this figure (FMSF Survey No. 24475:2-66) indicates that the site's southern boundary was not delineated by the previous survey and may extend into the current Project's Physical APE. The site was recommended eligible for the NRHP by the surveyor (FMSF Survey No. 24475), but has not been evaluated by the State Historic Preservation Officer (SHPO).
- (3) Site 8SU00422 is an unevaluated site recorded in 2007 as a surface scatter of eighteenth- to twentieth-century artifacts. The proposed transmission line bisects the site for a distance of approximately 84 meters. No shovel tests have been excavated, and the site has not been evaluated for NRHP eligibility.

Artifact Analysis and Curation

Artifacts recovered during the field survey will be retained for laboratory analysis. These items will be labeled by provenience and transported to the SEARCH laboratory for processing and analysis. At the SEARCH laboratory, these items will be washed and dried and then analyzed using appropriate reference materials. This information will be recorded in a relational database with code numbers to allow systematic, comparable data entry. Aboriginal lithic artifacts will be analyzed by source material, method of manufacture, and artifact function. Aboriginal ceramics will be analyzed by temper, surface decoration, and vessel morphology. Historic non-aboriginal artifacts will be analyzed by use, material type, and function. The artifacts will be packaged in acid-free, 4-mil polyethylene bags with acid-free paper label inserts. Upon the conclusion of the Project, the artifacts will be curated at the Florida Bureau of Archaeological Research (BAR) facility at Mission San Luis.

Human Remains

If human remains are encountered during the field survey, the stipulation of Chapter 872.05, Florida Statutes, will be followed. Work in the vicinity will cease, and the appropriate State or local authorities will be notified.

