

LOUISIANA POWER & LIGHT COMPANY

WATERFORD SES - UNIT NO. 3

CULTURAL RESOURCES PROTECTION PLAN

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PDR ADOCK 05000382
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I. DESCRIPTION OF RESOURCE

LP&L's Waterford Property contains two distinct areas with cultural resource remains from the Waterford Plantation that have been determined to be eligible for the National Register of Historic Places. These remains are associated with the Plantation Overseer's House and the Plantation Quarters Site.

Both of these archaeological sites consist solely of artifactual material (glass, metal, bone, ceramic, wood, etc.) lying immediately beneath the present ground surface. No standing ruins or readily identifiable surface remains are present. The cultural value of the two sites lies in the information they may provide to historians, archaeologists, and anthropologists.

The Waterford Plantation Overseer's House Site is located within a circular area approximately 200 feet in diameter with its approximate center at UTM coordinates Zone 15, Easting 744520, Northing 3320720. The Waterford Plantation Quarters Site is a north-south generally rectangular area measuring approximately 900 feet by 200 feet with its approximate center at UTM coordinates Zone 15, Easting 744265, Northing 3320420. The boundaries of both areas are shown on Figure 1. As shown on this figure, both areas lie outside the limits of the plant security fence.

II. PROTECTION PROCEDURES

The environmental protection program for ensuring that these cultural resource remains are not damaged consists of routine surveillance to protect these artifacts and their context from unauthorized removal or damage, and institution of a program to ensure that, in the event that ground disturbance is required in these areas in the future, these remains will be appropriately protected for their cultural resource information value.

A. Routine Environmental Protection Procedures

The protected areas will be checked as a part of the station's routine environmental surveillance procedures to ensure that no unauthorized activities occur which could damage the resources. In the event that any significant ground disturbing activities unauthorized by LP&L are found to have taken place within the protected area, LP&L shall notify the State Historic Preservation Office (SHPO) and the NRC and have an assessment of the damage made by an archaeologist certified by the Society of Professional Archaeologists. Any such assessments shall commence as soon as practicable after the discovery of the unauthorized activities. The assessment shall be forwarded to the SHPO and the NRC as soon as it is available. In addition, appropriate corrective actions shall be initiated by LP&L to ensure the continued protection of the resource.

B. Cultural Resources - Special Protection Procedures

Should LP&L, or an authorized representative, agent, sub-contractor or consultant find it necessary to conduct any activities within the protected areas in the future, the Special Protection Procedures (as outlined below) will be employed. Activities requiring implementation of these procedures include:

- Excavation (including trenching, drilling or any other form of soil removal or displacement whether by hand or machine);
- Landscaping, sodding or planting of shrubbery or trees except that routine maintenance of existing landscaping and/or continuation of agricultural activities shall be permitted;
- Placement of any fill, spoil, or ground cover; and
- Any construction.

In the event that uncertainty exists concerning the applicability of the Special Protection Procedures, LP&L will consult the SHPO for a final decision.

Should activities other than those described above be necessary, LP&L shall ensure that all personnel involved in such activities are instructed not to pick up, collect, or otherwise disturb any artifactual material (including any object or fragment of wood, bone, stone, glass, metal, ceramic, textile, etc.) within the protected area.

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1) Special Protection Procedures

- 1) LP&L shall notify the SHPO and the NRC in writing of any activities involving ground disturbance in the protected areas. This communication should include the following:

- A description of the proposed activity (ie drawings and/or available specifications, if applicable);
- A description of the need for the activity;
- A map showing the location of the planned activity in relation to the protected areas; and
- A demonstration of the need to perform the activity within the protected area.

- 2) The NRC, after consultation with the SHPO, will advise LP&L whether or not a mitigation plan is required.

Items 3, 4, 5 and 6 (below) only apply if a mitigation plan is necessary.

- 3) If a mitigation plan is necessary, LP&L will submit a mitigation plan prepared by an archaeologist certified by the Society of Professional Archaeologists in field research and cultural resource management to the NRC.

- 4) The NRC shall consult with the SHPO on the proposed mitigation plan and provide the Advisory Council on Historic Preservation (ACHP) an opportunity to comment.
- 5) LP&L will revise the mitigation plan to respond, as appropriate, to the comments of the SHPO, the NRC and the ACHP, and shall execute the plan in accordance with the schedule which shall be part of the plan.
- 6) At the conclusion of mitigation activities, LP&L shall submit a report to the SHPO and the NRC as described below.

ii. Mitigation Program

In the event that the SHPO advises that a mitigation plan is needed for the protection of the cultural resource remains, LP&L shall have the plan preparation supervised by an archaeologist certified by the Society of Professional Archaeologists in field research and cultural resource management. The scope of the plan shall be commensurate with the degree of disturbance to the resource. If the planned action involving disturbance of this resource requires data recovery operations to ensure adequate protection of the resource, the research design and its execution will conform as closely as possible to the "Recommendations for Archaeological Data Recovery" contained in Treatment of Archaeological Properties published by the Advisory Council on Historic Preservation. The plan shall include a schedule of major milestone dates for its completion and the subsequent approval process.

The results of the mitigation plan shall be documented in a report to be submitted to the SHPO and the NRC. The report shall describe the activity in question, the adopted mitigation plan and the results of the mitigation activities. The report may include maps showing the locations and boundaries of the mitigation activities as well as the locations of the resource with respect to the disturbing activity. In addition, the report shall provide documentation of the implementation of the mitigation plan. If data recovery operations are involved, LP&L will consider permitting publication and appropriate distribution of the final report to those interested parties such as archaeologists, historians, local libraries and universities.

III. OTHER PROTECTIVE MEASURES

Should LP&L find it necessary in the future to engage in ground disturbing activities (such as those listed above) in close proximity to, but not within, the boundary of a protected area, LP&L will ensure that the protected areas are not infringed upon by these activities and are thereby protected for the duration of such work. It will not be necessary for LP&L to notify the SHPO of such activities.

IV. EMERGENCY SITUATIONS

In the event that LP&L finds it necessary to engage in activities within the protected area for the immediate protection of public health and safety, and any delay in the execution of those activities could result

in the creation of a public health hazard, LP&L may proceed with those activities without an approved mitigation plan. As soon as practicable following completion of activities, LP&L shall submit to the SHPO an evaluation of the current condition of the protected area(s) (including a description of any damages) prepared by an archaeologist certified by the Society of Professional Archaeologists.

V. ARCHAEOLOGICAL RESEARCH IN PROTECTED AREAS

In the event that LP&L is notified that any individual, agency, institution, or organization desires to engage in archaeological research within the protected areas, and should LP&L consider authorizing such activity, LP&L shall request preparation of a statement of qualifications and a research design. LP&L will consult with the NRC and the SHPO to determine if the qualifications of the party requesting permission to conduct the research are adequate. In order to ensure protection of the resource, the research design must be approved by LP&L, the SHPO, the NRC and the ACHP prior to the start of any research. LP&L shall be under no obligation to allow, fund or otherwise support such research. Any artifactual material recovered will be the property of LP&L.

VI. NOTIFICATIONS

The NPC and the SHPO shall be notified by the LP&L Vice President of Nuclear Operations or his designated representative of any future plans which could disturb the protected areas or unauthorized activities which have disturbed the protected areas. This notification shall apply to

both routine and special protection procedures as described in Section II of this plan.

Should unauthorized ground disturbing activity occur within the protected areas, LP&L shall notify the SHPO within 30 days of discovering evidence of such activity. The notification shall include a brief description of the ground disturbing activity and, as appropriate, a statement of corrective actions taken to ensure continued protection of the resource. For planned ground disturbing activity within the protected areas, LP&L shall follow the procedures outlined in Section II. B.1.

VII. SUMMARY

LP&L shall avoid disturbances to the cultural resource remains of the Waterford Plantation Overseer's House Site and the Plantation Quarters Site. In the event that disturbance of these areas does become necessary, LP&L will consult with the SHPO and the NRC prior to commencing any activity.

No significant disrupting activities shall be undertaken until the procedures outlined herein are effectuated.

In addition, the areas containing these cultural resource remains will be routinely checked as a part of the station's environmental surveillance program.

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