



Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

Lawton Chiles, Governor

Virginia B. Wetherell, Secretary

March 30, 1993

Mr. Robert Yarborough
Seminole Electric Cooperative, Inc.
P.O. Box 272000
Tampa, Florida 33688-2000

Dear Mr. Yarborough:

The Department of Environmental Regulation has reviewed your February 1, 1993, letter detailing changes in wetland impacts associated with the 230 kV transmission line from the Hardee Power Station to Lee Substation. The Bureau of Wetland Resource Management evaluated your request for a number of minor modifications to the previously approved transmission line and mitigation area construction plans. The changes to the culverts and roads have been made to comply with SWFWMD regulations. The changes to the mitigation areas were made at the request of the FGFWFC and the SWFWMD. The Department's review determined that the changes do not alter the previously approved project in a significant way. The Department does not object to the indicated changes.

If you have any questions concerning this matter, you may contact Ms. Trudie Bell at (904) 488-0130 or myself at (904) 487-0472.

Sincerely,

Hamilton S. Oven, P.E.
Administrator, Siting
Coordination Office



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State of Florida
DEPARTMENT OF ENVIRONMENTAL REGULATION

For Routing To Other Than The Addressee	
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From: _____	Date: _____

Interoffice Memorandum

TO: Buck Oven

FROM: Trudie Bell *DB*

DATE: March 22, 1993

SUBJECT: PA89-25, Hardee Power Station
Hardee to Lee 500 kV Transmission Line

On February 4, 1993, the Bureau of Wetland Resource Management received a request from the Seminole Electric Cooperative, Inc. to evaluate a number of minor modifications to the previously approved transmission line and mitigation area construction plans. The modification request is attached. The changes to the culverts and roads have been made to comply with SWFWMD regulations. The changes to the mitigation area were made at the request of the FGFWFC and the SWFWMD. I have reviewed the changes and determined that the changes do not alter the previously approved project in a significant way. The Bureau of Wetland Resource Management does not object to the changes.



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FEB 4 1993

February 1, 1993

Ms. Trudie Bell
Water Management Resource Section
Florida Department of Environmental Regulation
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Dear Trudie:

RE: - HPS Post Certification Modification.

Per your instructions, I have enclosed drawings and tables indicating the changes to the wetland impacts and wetland mitigation associated with the Hardee Power Station to Lee Substation. These changes involve a variety of items including eliminating errors on drawings, replacing corduroy roads with culverts or replacing culverts with corduroy roads, adding culverts in roadside ditches where alternate access was not available, and modifying the restoration and creation areas to comply with SWFWMD and FG&FWFC requirements. The information for culvert sizing and changing corduroy roads to culverts has been submitted and approved by SWFWMD. Under condition XXXV C. 1. c. the culvert/corduroy road activities have been determined by SECI to be minor field changes and therefore may not require a modification to our post certification approvals. The changes to the restoration/mitigation area are relatively minor changes as required by other agencies and therefore may or may not require DER approval.

Specifically, the attached drawings and tables change the amount of fill associated with the project as follows.

- . Forested wetland fill now totals 0.7 acres at a 4:1 ratio requires 0.28 acres of restoration.
- . Shrub wetland fill now totals 0.87 acres at 2:1 ratio requires 1.74 acres of restoration.
- . Herbaceous wetland fill now totals 0.69 acres at 2:1 ratio requires 1.38 acres of restoration.
- . Ditch fill has not changed from the 0.71 acres with no mitigation previously required.
- . The restoration portion of the mitigation area is now a total of 119.15 of which 13.81 acres is required for isolated wetland impacts by SWFWMD. This total does not include the 21.5 acres of wetland creation. The 105.34 acres of restoration left after isolated wetlands mitigation minus the 3.4 acres expected to be required from DER for fill mitigation would allow

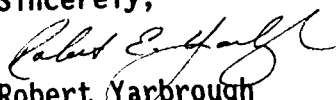
- . Wetland 2D-11 had forested clearing impacts not previously recognized but fill was no longer required in the upland ditch.
- . Wetland 2D-14 had forested clearing impacts not previously recognized.
- . Wetland 2D-15 had no changes but the drawing had culvert sizes added.
- . Ditches 2D-17 and 2D-18 no longer require the corduroy roads initially approved.
- . Wetland 2D-19-20 had the corduroy roads originally proposed replaced with culverts due to construction requirements.
- . Ditch 2D-22A was required to have a culvert and associated fill although it was had previously not required fill.
- . Ditch 2D-23 had decreased fill impacts due to access being limited to the existing low water crossing on a tributary to Prairie Creek.
- . Wetland 2C-26 had no changes but graphical errors were corrected.
- . Ditch 2C-32A was added and required a corduroy road.
- . Wetland 2C-32 was changed to 2C-32B for clarification and the corduroy road impacts were limited to lesser acreage.
- . Roadside ditch 2C-32C was added and required a culverted road.
- . Wetland 2L-80 had no changes but had graphical errors corrected.

The mitigation area was changed in the following ways for the following reasons.

- . The berm in Slough #3 was required by FG&FWFC to be located away from a pine area which was believed to contain fox squirrels. This change decreased the area to be restored by 5.12 acres.
- . Slough 3 weir elevation was changed from 24.2 NGVD to 25.03 based on additional data from piezometers and an on-site staff gauge.
- . Due to the SWFWMD the creation area has been modified from 20.0 acres to 21.5 acres with the connections only to slough 2. Numerous details have been modified such as topography, location of type for type areas, sizes and species to be planted, numbers of plants to be planted, and grades and areas to be planted with specific species. Since this area was not considered to be mitigation by DER, these changes should be insignificant.

We are hoping to let a contract to construct the creation area and the berms on the sloughs in late February therefore we need to have your approval (if required) on the changes in the creation area and restoration area berms before late February. I apologize for the late notice but the changes to the construction drawings were made in December due to SWFWMD and FG&FWFC requirements. Please advise us if you require any additional information.

Sincerely,


Robert Yarbrough
Environmental Engineer

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