



Office of Planning
115 S. Andrews Avenue, Room 329
Fort Lauderdale, FL 33301
(305) 357-6666 • FAX (305) 357-6694

MEMORANDUM

TO: David Danovitz, Senior Planner
Office of Planning

FROM: Donald Stone, Senior Environmental Planner
Donald Burgess, Special Projects Coordinator III
Office of Planning

DATE: September 1, 1992

SUBJECT: FPL Lauderdale Site Refurbishing Project

JS
DB

We have reviewed the documents for the above-mentioned project and have the following comments:

- o manatees do utilize the Dania Cut-off Canal and the South Fork New River as travel corridors from the Intracoastal Waterway to the salinity control structures west of the FPL plant. Bridge removal and construction activities should therefore be subject to the full complement of manatee protection measures (see attached).
- o there is a concern for runoff from the reconstruction of SW 42 Avenue discharging sediment into the FDOT mitigation area to the east of this roadway. The text indicates that a berm will be established between the roadway and the mitigation area to prevent this from happening. Additionally, a dry retention area will be developed to contain this runoff. Proper monitoring of these activities is necessary to prevent breaching of the berm and allowing the subsequent sedimentation of the mitigation area.
- o all palm trees that are present within the proposed construction areas should be relocated within the new landscape areas of the project.
- o it was stated that deeper wells may be necessary to supply the water for cooling of the power units. The water within the lakes and canals is presently brackish. The pumping of water from deeper wells, tapping into the intruding saltwater, will increase the salinity within this area and may cause further damage to the remnant freshwater vegetative communities areas of the Pond Apple Slough and the South Fork New River Urban Wilderness Area to the north of the plant. The county is presently devising a plan to improve the conditions within the Pond Apple Slough, and increased salinity may counter these efforts.
- o if an archaeological site is uncovered during the construction period, FPL should also contact the Broward County Office of Planning (357-6644) and the Broward County Historical Commission (765-4670).

Thank you for the opportunity to review and comment on this project.

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Office of Natural Resource Protection
Laboratory/Licensing/Enforcement
500 S.W. 14th Court
Fort Lauderdale, FL 33315
(305) 766-4900

MEMORANDUM

DATE: September 14, 1992
TO: Dave Danovitz, Office of Planning
FROM: Joanne MacGregor-Hanifa *JMH* Associate Planner
SUBJECT: FPL Site Refurbishing Project at the Lauderdale
Repowering Site (025-SP-9)

ONRP has reviewed the submitted document and has the following comments and/or concerns:

1. ONRP is concerned about new or additional consumptive use of water that may effect nearby Pond Apple Slough and the efforts of the interagency Pond Apple Slough Work Group. Any potential for impact on Pond Apple Slough due to increased or new water use should be addressed prior to issuance of new or modified permits.
2. ONRP is concerned that FPL comply with the requirements of Chapter 27 in the construction of the site access bridge over the Dania Cutoff Canal. We are concerned about construction and dewatering activities that may increase water turbidity and the potential impacts to the West Indian manatee during construction activities. Precautions need to be taken by FPL to prevent any increase in water turbidity and to inform construction personnel of the requirements for protecting the manatee.
3. OPRP's surface water management concerns would be met by FPL compliance with South Florida Water Management District requirements. The site is not in a well field.
4. ONRP's concerns regarding surface water management sub-basin 7 along the access road have been met via additional information provided by FPL and FDOT personnel. We have been assured that the wetland mitigation area and the surface water management area will be separated by a berm and that runoff water from the roadway will not be directed into the wetland mitigation area.

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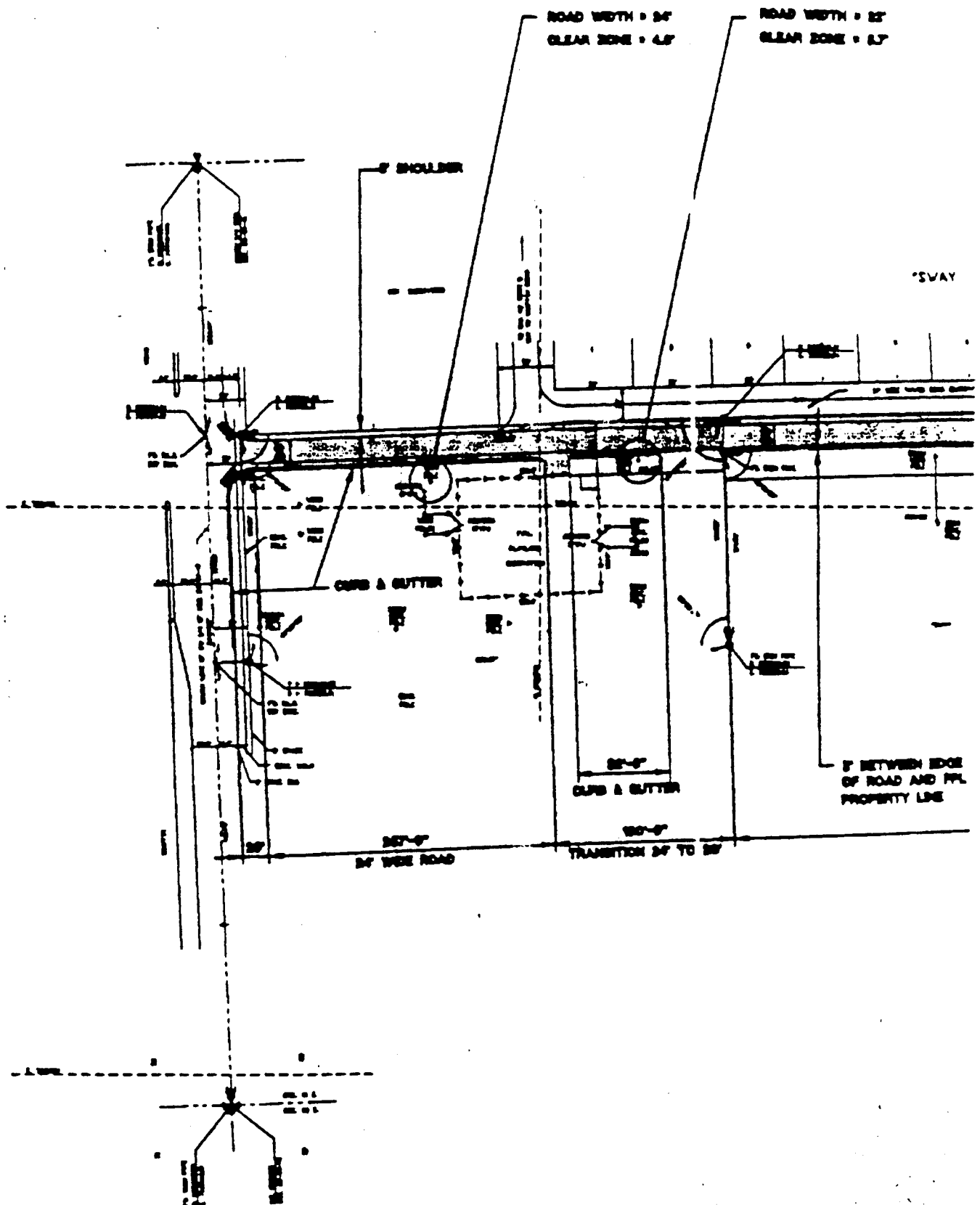
Scott I. Cowan	Nicki Englander-Groisman	John P. Hart	Ed Kennedy	Lori Nance Pamen	Sylvia Patten	Gerald F. Thompson
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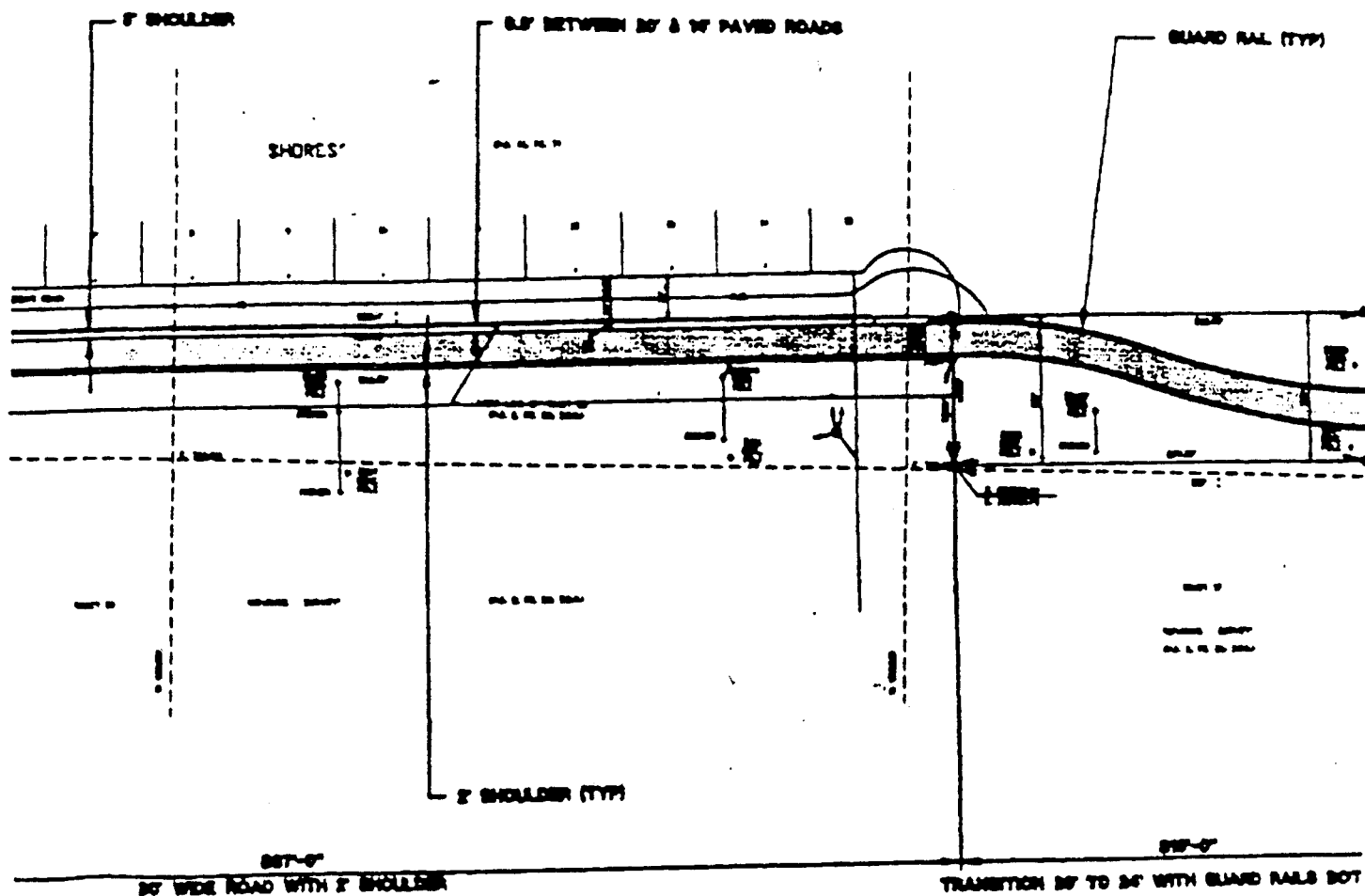
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STANDARD MANATEE CONDITIONS

The permittee shall ensure that:

1. The contractor instructs all personnel associated with the project of the potential presence of manatees and the need to avoid collisions with manatees.
 2. All construction personnel will be advised that there are civil and criminal penalties for harming, harassing, or killing manatees which are protected under the Marine Mammal Protection Act of 1972, the Endangered Species Act of 1973, and the Florida Manatee Sanctuary Act of 1978. The permittee and/or contractor may be held responsible for any manatee harmed, harassed, or killed as a result of construction activities.
 3. Siltation barriers will be made of material in which manatees cannot become entangled, are properly secured, and are regularly monitored to avoid manatee entrapment. Barriers must not block manatee entry to or exit from essential habitat.
 4. All vessels associated with the project will operate at "no wake/idle" speeds at all times while in water where the draft of the vessel provides less than four feet clearance from the bottom and that vessels will follow routes of deep water whenever possible.
 5. If a manatee is sighted within 100 yards of the project area, all appropriate precautions shall be implemented by the permittee/contractor to ensure protection of the manatee. These precautions shall include ceasing construction activities if appropriate.
 6. Any collision with and/or injury to a manatee will be reported immediately to the "Manatee Hotline" (1-800-DIAL FMP) and to the U.S. Fish and Wildlife Service, Jacksonville Field Office (904-791-2580) for north Florida and to the Vero Beach Field Office (407-562-3909) for south Florida.
 7. A minimum of 3-feet by 4-feet temporary manatee awareness construction signs labeled "Manatee Habitat - Idle Speed In Construction Area" shall be installed and maintained at prominent locations within the construction area/docking facility prior to initiation of construction. One temporary sign will be located prominently adjacent to the construction permit and, if required, a second temporary construction sign will be installed in a location prominently visible to water related construction crews. A temporary construction sign criteria sheet is enclosed. Temporary signs will be removed by the permittee upon completion of construction.
 8. The contractor will maintain a log detailing sightings,
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LAUDERDALE PLANT - ENTRANCE ROAD

NTS

Certificate of Service

I hereby certify that a copy of the Petition for Modification of the Florida Power & Light Company, Lauderdale Repowering Project Site Certification was sent to the following parties by United States mail on November _____, 1992.

Steve Pfeiffer, General Counsel
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