

From: [Fletcher, Nick D.](#)
To: [Mulkey, Cindy](#)
Cc: [SCO](#); [Seiler, Ann](#)
Subject: TEC Big Bend Station Siting Modification (PA-79-12S)
Date: Wednesday, November 15, 2023 7:04:01 AM
Attachments: [BBS Transload Mod Request 111323.pdf](#)

EXTERNAL MESSAGE

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Good afternoon Cindy,

Please see attached the Siting Modification submittal for Tampa Electric Company's Big Bend Power Station. Please let me know if you have any questions or concerns.

Thanks,

Nick Fletcher, P.E.

Engineer | Environmental Services
(813) 228-1486 (office) Ext: 81486
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P.O. Box 111, Tampa, FL 33601



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November 13, 2023

Cindy Mulkey
Deputy Director, Water Resource Management
Florida Department of Environmental Protection
Division of Water Resource Management
Siting Coordination Office
2600 Blair Stone Rd. MS 3500
Tallahassee, FL 32399-2400

Via Electronic submittal
cindy.mulkey@dep.state.fl.us

Re: Tampa Electric Company Big Bend Station Siting Modification

Dear Ms. Mulkey,

Tampa Electric Company (TEC) is submitting this Request for Modification of the Site Certification for Big Bend Power Station (PA-79-12S) for transloading operations on the existing Big Bend Power Station in southwestern Hillsborough County, Florida.

TEC is proposing to transload aggregates within and through the existing Coal Yard located in the western end of the Big Bend peninsula on Big Bend property. The Coal Yard is approximately 30-acres and has been in service since approximately 1970. The project will utilize existing infrastructure to offload aggregates from ships and rail into the current Coal Yard area, and then load the material onto trucks and/or rail to be transported off site. The new activities will not impact surface waters, as all contact stormwater from the Coal Yard will continue to flow into the recycle water system at Big Bend. In order to comply with Industrial Wastewater (IW) site conditions and the site's Groundwater Monitoring Plan (GWMP), TEC will submit a Safety Data Sheet (SDS) or Analysis Certificate for each aggregate that will be transloaded through the facility to the Florida Department of Environmental Protection's (FDEP) Southwest District (SWD) IW team at least 30 days prior to bringing it on-site. The SWD team could then review the SDS and discuss with TEC the possible incorporation of pollutants of concern into the GWMP in Attachment F. Discussions with the SWD IW team also indicated that the following conditions should also be added to Attachment F:

- 1) Every five years, the licensee shall submit to the Southwest District Office, the results of sampling monitoring wells specified in the Department-approved monitoring plan for the primary drinking water parameters included in Chapter 62-550, F.A.C., (excluding

- asbestos, acrylamide, Dioxin, butachlor, epichlorohydrin, pesticides, and PCBs, unless reasonably expected to be a constituent of the discharge or an artifact of the site).
- 2) Submit a proposal identifying the wells in the Department-approved monitoring plan to be sampled to meet the requirements of the above condition. The proposal should justify the monitoring well selection and include at least one background well and one intermediate well if they are available. Compliance well selections should be based on recent ground water conditions.
 - 3) The licensee shall notify the Department at least 30 days prior to storing new aggregate materials and submit material safety data sheets (MSDS) for each new aggregate. The Department will perform a review of the submitted MSDS and determine if there are any potential new sources of contamination from the new aggregates. If there are new sources of contamination, the Department will add new parameters to exiting ground water monitoring plan on the Attachment F.

Of those three conditions, the first two are currently included in Attachment F, and TEC concurs with the third.

In addition, the description of IW in the GWMP will need to be updated to include “contact stormwater including coal pile and transloading materials runoff” so that it is cleared to be processed through the recycle water system.

The project will not involve any new construction, structures, or material change to the Coal Yard apart from the different materials traveling through it. Air permitting for this project is being pursued separately.

Please let us know if you have any questions or need additional information regarding this request for modification. We look forward to working with you on this project.

If you have difficulty accessing the attached file, please do not hesitate to contact Nick Fletcher at ndfletcher@tecoenergy.com or (813) 228-1486.

Sincerely,

Byron Burrows
Director, Environmental Services
Tampa Electric Company

bc: L. N. Curtin
A.M. Butler
K. O. Zwolak

EHS/kll/NDF133

cc: Ann Seiler
SCO@dep.state.fl.us

Big Bend Coal Yard

