



Jeb Bush
Governor

Department of Environmental Protection

Marjory Stoneman Douglas Building
3900 Commonwealth Boulevard
Tallahassee, Florida 32399-3000

David B. Struhs
Secretary

August 19, 2003

Mr. Mark Cadenhead, P.E.
JEA
4377 Hecksher Drive
Jacksonville, Florida 32226-3099

Re: Brandy Branch Generating Station PA 00-43

Dear Mr. Cadenhead:

I have reviewed your letter dated July 29, 2003 concerning possible revised disposal of effluent from the existing oil/water separator at the Brandy Branch site. Since that existing oil/water separator was not specifically addressed in the Conditions of Certification, no modification of the Conditions is necessary.

JEA should confer with the Department's Northeast District Industrial Waste Section and the industrial waste personnel in the Jacksonville Regulatory and Environmental Services Department. Once a decision is made as to the preferred method of disposal of the effluent from the existing oil/water separator, JEA should prepare and submit to the Department amended pages of the application for site certification to reflect how the effluent will be handled. This amendment should be accompanied by the appropriate plans and specifications to comply with Condition V.A. of the conditions of Certification.

If you have any questions about this process, please call me at [850] 245-8002.

Sincerely,

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

cc: Jim Maher, P.E.
Jim Manning, RESD
Greg Radlinski, Esq.

4377 Heckscher Drive
Jacksonville, Florida 32226-3099

DEPARTMENT OF
ENVIRONMENTAL PROTECTION

AUG 04 2003

SITING COORDINATION

July 29, 2003



Mr. Hamilton Oven, Administrator
Siting Coordination Office
Florida Department of Environmental Protection
Twin Towers Office Building
2600 Blair Stone Road, MS48
Tallahassee, Florida 32399-2400

ELECTRIC

Dear Mr. Oven:

WATER

Re: Brandy Branch Generating Station
Site Certification Number PA 00-43

SEWER

Per our recent email exchange, JEA is requesting with this letter that the department provide a determination for certification modification for the following activity.

As part of the Brandy Branch Combined Cycle project, the discharge from the new oil/water separators will go to the cooling tower and become part of the blow down which will be pumped to the Buchman Water Reclamation Facility (WRF) for treatment. There is an existing oil/water separator on the site and the discharge is collected in a percolation pond. The department has noted that the pond discharges at a frequency greater than the 25 year 24 hour storm event. JEA has been tasked with addressing the issue. The pond has been cleaned to increase the percolation rate, but the potential that this situation will occur again in the future is great.

The existing oil/water separator discharge was not addressed in the submittal to obtain the current Site Certification. JEA would like to propose that the discharge from the existing oil/water separator be approved for rerouting to either the cooling tower or directly to the lift station to the Buchman WRF. Environmentally, this solution would be the best and could easily be accomplished as part of the Combined Cycle project. If approval of this work could be given by letter versus a change of the conditions of the certification, JEA would give consideration to this approach. If the Site Certification would require modification, JEA would most likely continue to search for other solutions to the percolation pond problem.

The Northeast District Office staff, specifically Kathryn Jarvis, is aware that JEA would like to change the current discharge location and route the flow to the lift station. In general, the district seems to support this approach. Since construction is moving forward on the project, a relatively quick determination is being requested in order to cross check items such as pump and lift station sizing.

Mr. Hamilton Oven
July 29, 2003
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If you have any questions or require additional information, please contact me at
(904) 714-4956 or (904) 759-6756.

Sincerely,

Mark Cadenhead, P.E.

Mark Cadenhead, P. E.

cc: Charlie Newton, JEA
Steve Moser, P. E., JEA
Brad Russell, P. E., JEA
John Kirk, B E & K
Jim Maher, P. E., FDEP
File