

PMTurkeyCOLPEm Resource

From: Williamson, Alicia
Sent: Thursday, April 05, 2012 11:15 AM
To: Orthen, Richard
Cc: TurkeyCOL Resource
Subject: Draft RAI 6384--Reliability Study
Attachments: RAI 6384 draft.doc

Rick
Attached is the draft eRAI related to the radial collector wells use (reliability study).
Let's plan to have a call sometime during the week of April 16. I'm thinking the 19 or 20 will work best for our folks.
Thanx
Alicia

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Turkey Point Units 6 and 7
Florida P and L
Docket No. 52-040 and 52-041
SRP Section: EIS 5.3.1 - Terrestrial and Wetland Impacts
Application Section: 5.2

QUESTIONS for Environmental Projects Branch 1 (RAP1)

EIS 5.3.1-***

Early on in the environmental review process, FPL indicated they were planning to do a “reliability study” on reclaimed water from Miami-Dade County. Subsequently, FPL has decided not to complete the study at this time. The review team needs additional information in order to properly evaluate the environmental impacts of operating the radial collector wells. Specific information on the radial collector well system needed include the potential frequency and duration of operating the wells.

Please provide estimates of mean time between failure and durations for each of the reclaimed water delivery system failure modes listed below:

1. Miami-Dade unable to meet water quality requirements of treated waste water
2. Miami-Dade unable to meet full water supply requirement
3. Failure of pipeline (including pipeline breach or loss of pumps)
4. Failure of onsite water treatment plant
5. Inability to get sludge removed from site

Where appropriate, consider break-in, wear-out, and normal wear periods. Only events with durations in excess of those that can be managed with the water storage basins need to be addressed.