

PMTurkeyCOLPEm Resource

From: Franzone, Steve <Steve.Franzone@fpl.com>
Sent: Thursday, June 01, 2017 9:06 AM
To: Comar, Manny
Cc: TurkeyCOL Resource; Maher, William
Subject: [External_Sender] Cooling towers for PTN 6&7

Manny

As we discussed, I have provided a few sentences to describe how waste heat is rejected for proposed units PTN 6&7:

The circulating water system (CWS) provides a heat sink for the waste heat exhausted from the steam turbine to the main condenser and dissipates this waste heat to the atmosphere using cooling towers. Three mechanical-induced draft, counter-flow cooling towers are designed to reject a single unit's full-load waste heat to the atmosphere.

The main source of make-up water to the CWS will be reclaimed water from the Miami-Dade Water and Sewer Department. The Deep Well Injection System (DIS) provides underground disposal of plant wastewater, including CWS blowdown.

More details can be found in our COLA, Part 2, Chapters 9 & 10.

Thanks

Steve Franzone

NNP Licensing Manager - COLA

"The journey of a thousand miles begins with one step." ~ Lao Tzu

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From: Franzone, Steve

Created By: Steve.Franzone@fpl.com

Recipients:

"TurkeyCOL Resource" <TurkeyCOL.Resource@nrc.gov>
Tracking Status: None
"Maher, William" <William.Maher@fpl.com>
Tracking Status: None
"Comar, Manny" <Manny.Comar@nrc.gov>
Tracking Status: None

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