

## TurkeyPointLANPEm Resource

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**From:** Klett, Audrey  
**Sent:** Tuesday, September 09, 2014 12:13 PM  
**To:** Regner, Lisa; Wrona, David; Dumbacher, David  
**Cc:** Grange, Briana; Sandal, Shane  
**Subject:** FYI: FW: Turkey Point Cooling Canals

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**From:** Grossenbacher, Craig (RER) [mailto:GrossC@miamidade.gov]  
**Sent:** Tuesday, September 09, 2014 9:21 AM  
**To:** Klett, Audrey  
**Cc:** Williamson, Alicia; Blair, Stephen (RER); Otero, Luis (RER); Spadafina, Lisa (RER); Walsh, Virginia (WASD); Macfarlane, Maria (WASD); Mayorga, Wilbur (RER); Istambouli, Rashid (RER); Masnik, Michael  
**Subject:** Turkey Point Cooling Canals

Alicia Williamson advised that your office would be the proper office to address a specific question that I have discussed with her. We are working to determine appropriate short term as well as long term actions to address the water quality problems created by the cooling canal system (CCS). It is acknowledged that it may be best from a hydrologic perspective to introduce new, cooler water into the CCS at the northeast corner near the plant intakes. Such a location would decrease surficial aquifer stresses to the greatest extent possible and the SFWMD has advised that if the water could be introduced in this location, an added benefit could be a reduction in saltwater seepage of bay waters into the CCS. This would also appear to be the most effective location in terms of cooling efficiency for units 3 and 4.

However, we understand from FPL of a potential concern in that such a location may not be consistent with your rules. Can you please confirm this for us? Would NRC regulations prevent the introduction of new water in the northeast corner of the CCS? If so, how far from this location would be acceptable?

Thank you.

**Craig K. Grossenbacher, Chief**  
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**From:** Klett, Audrey

**Created By:** Audrey.Klett@nrc.gov

**Recipients:**

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