

Oven, Hamilton

PA 78-10EX

**From:** Hubbard, Allen  
**Sent:** Thursday, March 31, 2005 1:41 PM  
**To:** Oven, Hamilton  
**Cc:** Green, Bill; Seibold, Vince; Mansfield, Geoffrey; Potts, Elsa; Drew, Richard  
**Subject:** RE: Unit 3

They will need to provide some documentation for us to evaluate how the 316(b) regulations may apply. Perhaps it would be part of the wastewater information in the certification application.

If they are planning to build a new cooling water intake structure or even modify the existing intake structure they will probably need to comply with the Phase I 316(b) rules for new facilities. If the total design cooling water intake flow (not average flow) is >50MGD they may be subject to the Phase II 316(b) rules for existing power plants, assuming there's no new or modified intake structure. Lastly, the Phase III 316(b) rules for existing facilities not covered by the other rules may apply. As Jim Frauen noted, those are not final yet, so we can't know for sure who will be captured by them.

*Allen Hubbard, P.E.*

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-----Original Message-----

**From:** Oven, Hamilton  
**Sent:** Wednesday, March 30, 2005 3:28 PM  
**To:** Hubbard, Allen  
**Cc:** Green, Bill  
**Subject:** FW: Unit 3

Fyi. Comments?

-----Original Message-----

**From:** Jim Frauen [mailto:JFrauen@seminole-electric.com]  
**Sent:** Wednesday, March 30, 2005 3:26 PM  
**To:** Oven, Hamilton  
**Subject:** Re: Unit 3

Buck,

We will use water from the St Johns for Unit 3 cooling water, similar to existing Units 1 & 2. We will not trip the 50 MGD threshold for 316B, so we aren't planning on a study at this time. However, with Phase 3 coming up we will have to see if any additional studies will be required. I am estimating that we will have river water use requirements of around 35 MGD with all three units.

We will also need a small increase in groundwater for the boiler. We currently have a limit of 0.55 MGD and estimate a need of around 1.0 MGD for all three units.

3/31/2005

Let me know if you need anything else.

Jim

Jim Frauen  
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>>> "Oven, Hamilton" <Hamilton.Oven@dep.state.fl.us> 3/30/2005 2:50 PM >>>  
What will be the source of cooling water for Unit 3. Will you all do a section 316 study?

3/31/2005