

from Bruner, Douglas <[Douglas.Bruner@nrc.gov](mailto:Douglas.Bruner@nrc.gov)>  
to Sydney <[appliedenvirserve@gmail.com](mailto:appliedenvirserve@gmail.com)>  
cc "Martin, Jody" <[Jody.Martin@nrc.gov](mailto:Jody.Martin@nrc.gov)>,  
"Roach, Kevin" <[Kevin.Roach@nrc.gov](mailto:Kevin.Roach@nrc.gov)>,  
LevyCOL Resource <[LevyCOL.Resource@nrc.gov](mailto:LevyCOL.Resource@nrc.gov)>  
date Tue, Nov 9, 2010 at 8:41 AM  
subject FW: Missing information/Teleconference Regarding Extension Request - Levy proposed nuclear plant

Dr. Bacchus,

Please see the attached for the clarification on references associated with the Levy DEIS that were requested in your email dated November 8, 2010.

Sincerely,

Doug Bruner

Young and Ciammaichella 2008.pdf  
Questions from Dr Bacchus (2).doc

----- Forwarded Message

From: sydney <[appliedenvirserve@gmail.com](mailto:appliedenvirserve@gmail.com)>  
Date: Mon, 08 Nov 2010 11:02:53 -0500  
To: Douglas <[Douglas.Bruner@nrc.gov](mailto:Douglas.Bruner@nrc.gov)>, "Martin, Jody" <[Jody.Martin@nrc.gov](mailto:Jody.Martin@nrc.gov)>  
Subject: Missing information/Teleconference Regarding Extension Request - Levy proposed nuclear plant

Mr. Bruner,

Thanks for the list of conference call attendees provided in your email below.

I apologize for the delayed response. I was dealing with additional doctor appointments after our conference call.

During the conference call you indicated that you would provide the information missing from the DEIS that was needed for the review. Following is the list of requested information:

1. p. 4-141, Entrix 2010 5-133 Progress Energy Florida - this is a transmission line mitigation plan
2. p. 2-178, LCD 2007 but when you look for the acronym in the list of acronyms, it's not there & in the references for chapter 2, it's not there alphabetically as LCD, but as Local Climatological data 2007, but no indication of how to get it.
3. if the "LCD 2007" data does not include daily rainfall for the vicinity of the proposed LNP site, please provide those data since PEF references daily rainfall.

4. p. 5-144, Young, B. and E. Ciammaichella. 2008 "Cooling Towers" Section 11.4 in Bay Area Air Quality Management District Permit Handbook. Accessed 15 May, 2010 at [http://hank.baaqmd.gov/pmt/handbook/rev02/PH\\_00\\_05\\_11\\_04\\_.pdf](http://hank.baaqmd.gov/pmt/handbook/rev02/PH_00_05_11_04_.pdf)

When you go to that link, the following error message appears:  
"You have requested a page that doesn't exist. Please check the address you used to make sure that it is correct."

5. P. 3-12 says the nuclear "islands" are 100' deep but provides NO other dimensions.

Where is the information providing the other/surface area dimensions and the detailed description of the excavation/construction.

For example the excavation would extend approximately 99' BELOW the water table, into the aquifer, but there is no reference to whether construction will be done underwater or if they intend to dewater the aquifer during those 100'-deep excavations.

6. Mitigation is referenced, but I could not find any detailed proposed mitigation plans.

Thanks,  
sydney

1. p. 4-141, Entrix 2010 5-133 Progress Energy Florida - this is a transmission line mitigation plan

**This document can be accessed in ADAMS using Accession Number ML102150208.**

RESPONSE: (Bill Baber) –

The Entrix 2010 wetland mitigation plan addresses mitigation for both the LNP site impacts and the transmission line impacts. The plan was provided to us by Progress Energy in May 2010. Progress also submitted the plan to the FDEP to meet a state Condition of Certification. A copy of the plan can be found on Earth at:

**[https://earth.pnl.gov/Site%20Documents/COL%20Sites/Levy/02%20Reference%20Documents/Florida%20DEP/6691-020%20wetlands%20Mitig%20Plan%20Submittal%204-23-10\\_final.pdf](https://earth.pnl.gov/Site%20Documents/COL%20Sites/Levy/02%20Reference%20Documents/Florida%20DEP/6691-020%20wetlands%20Mitig%20Plan%20Submittal%204-23-10_final.pdf)**

NOTE - THIS IS A LARGE REPORT AND THEREFORE I DID NOT ATTACH IT. IF YOU HAVE ANY ISSUES DOWNLOADING IT - LET ME KNOW. IT WAS ALSO PROVIDED AS AN ATTACHMENT BY C. SMITH AT THE PUBLIC MEETING.

Although Entrix is not listed on the title page, I believe we were informed by Progress that Entrix was the author.

2. p. 2-178, LCD 2007 but when you look for the acronym in the list of acronyms, it's not there & in the references for chapter 2, it's not there alphabetically as LCD, but as Local Climatological data 2007, but no indication of how to get it.

3. if the "LCD 2007" data does not include daily rainfall for the vicinity of the proposed LNP site, please provide those data since PEF references daily rainfall.

**RESPONSE to 2 and 3 (Larry Berg):**

**The Local Climatology Data (or LCD) is published by the National Climatic Data Center (NCDC) and can be obtained via the internet or the mail. The web address for NCDC is [www.ncdc.noaa.gov](http://www.ncdc.noaa.gov). The LCD may also be available in some libraries. This document is not generally a day-by-day account of local weather, rather it is a compilation of a number of different climate statistics. That said, graphics with daily temperature, daily precipitation, and atmospheric pressure are included. The document also includes monthly average precipitation along with the number of days per month with precipitation greater than 0.01” and 1.00”. These statistics are generated from the last 30 years of data collected at that specific site. For the LNP EIS I used the Local Climatology Data Annual Summary with Comparative Data for Tampa, FL (KTPA).**

**Larry has a pdf of the LCD product that he used. NCDC charges a nominal fee, for the report so we am not sure that we can just give it away. He also looked to see if he could find a more specific web address, but it looks like the NOAA site is down for maintenance.**

4. p. 5-144, Young, B. and E. Ciammaichella. 2008 "Cooling Towers" Section 11.4 in Bay Area Air Quality Management District Permit Handbook. Accessed 15 May, 2010 at [http://hank.baaqmd.gov/pmt/handbook/rev02/PH\\_00\\_05\\_11\\_04\\_.pdf](http://hank.baaqmd.gov/pmt/handbook/rev02/PH_00_05_11_04_.pdf)

When you go to that link, the following error message appears:  
"You have requested a page that doesn't exist. Please check the address you used to make sure that it is correct."

RESPONSE (Bill Baber)-

The link to Young and Ciammaichella (2008) as presented in the DEIS is correct: ([http://hank.baaqmd.gov/pmt/handbook/rev02/PH\\_00\\_05\\_11\\_04.pdf](http://hank.baaqmd.gov/pmt/handbook/rev02/PH_00_05_11_04.pdf)). I had no problem accessing the document on 11-8-10. A copy of the document is attached for convenience.

5. P. 3-12 says the nuclear "islands" are 100' deep but provides NO other dimensions.

Where is the information providing the other/surface area dimensions and the detailed description of the excavation/construction.

For example the excavation would extend approximately 99' BELOW the water table, into the aquifer, but there is no reference to whether construction will be done underwater or if they intend to dewater the aquifer during those 100'-deep excavations.

RESPONSE (Nancy Kohn/Bob Bryce)-

The discussion about dewatering is on page 3-12 in the section titled "Diaphragm Wall and Grout Injection" and on page 3-14 in the section titled "Dewatering Systems"

Page 4-20, 4-21 and 4-34 contain additional explanations about how dewatering would be conducted.

The extent of excavation is found in FSAR Section 2.5.4.5 and associated figures. We have not received the new updated FSAR. It is currently going through review at NRC.

**Bruner – Revision 2 to the FSAR will be publicly released after internal review of SUNSI.**

6. Mitigation is referenced, but I could not find any detailed proposed mitigation plans.

RESPONSE - see number 1 for the final mitigation plan.