

CCNPP3COLA PEmails

From: Quinn, Laura
Sent: Monday, December 06, 2010 3:45 PM
To: Albert Nunez
Cc: CCNPP3COL Resource
Subject: RE: Status of the Environmental Review for Calvert Cliffs Nuclear Power Plant, Unit 3, Combined License Application

Mr. Nunez,

I received your email below and we are preparing a letter to address your concerns. I wanted to let you know that I have received your email. You have touched on several different topics and my experts in some of the areas are in and out of the office due to work and the holiday season. We will get a letter out to you in the coming weeks but I wanted to let you know that due to the holidays it will probably be mailed sometime in January.

Thanks

Laura Quinn
Project Manager
Environmental Projects Branch 2
Office of New Reactors
Nuclear Regulatory Commission
301-415-2220
Laura.Quinn@nrc.gov



Please consider the environment before printing this email.

From: Dent, Kimberly
Sent: Thursday, December 02, 2010 6:58 AM
To: Quinn, Laura
Cc: Albert Nunez
Subject: RE: Status of the Environmental Review for Calvert Cliffs Nuclear Power Plant, Unit 3, Combined License Application

Laura,

Can you address these questions that Mr. Nunez has?

Thanks,

Kim

From: solarngman@gmail.com [<mailto:solarngman@gmail.com>] **On Behalf Of** Albert Nunez
Sent: Wednesday, December 01, 2010 9:21 PM
To: Dent, Kimberly
Subject: Re: Status of the Environmental Review for Calvert Cliffs Nuclear Power Plant, Unit 3, Combined License Application

Thank you for sending this letter for my review.

I know that you may not be the most appropriate person and this most likely this is not the appropriate time or place to ask questions, but I never received what I felt were adequate answers when I asked them at one of the Public Hearings. I have to confess that I have not been following all the details of this process and am not familiar with all the available documentation, so please forgive me if these questions have been addressed, since they may have been, but I am just not aware. I did note that there is a referenced study which I am just now downloading and will read. - Climate change, nuclear power, and the adaptation–mitigation dilemma Original Research Article, *Energy Policy*, Volume 39, Issue 1, January 2011, Pages 318-333 Natalie Kopytko and John Perkins.

The questions are: Are there any contingency plans for significant sea level rise or storm related tidal surges over the life of this proposed plant? By significant sea level rise I mean on the order of 23 to 24 feet which is the projected level that would occur if all of the ice on Greenland were to melt. Obviously, it is not likely that this will happen in a 50 year horizon but could possible occur in a 500 year period. So another question is, what if any remnants of this facility will remain on this site in 500 years and how would these remains, if any, be effected by a 23 foot mean sea level rise from today? Of course, with an increase in sever storm activity it is certainly possible that category 5 hurricane could create a storm surge that could flood the facility in its operating years. What contingency plans are there for such a tidal surge event?

If the premise is that this plant will have a useful life of ~60 years, then what? Would the plant be totally decommission/deconstructed and recycled or just abandoned in place? I assume that Units 1 & 2 would be decommissioned long before Unit 3, which will basically be replacing these two earlier/older units power output.

If the site is to be fully restored to it natural state and all of the structures and equipment and spent fuel will be removed, in <100 years, then the likelihood that sea level rise would have any significant impact would be near nil. But if the plant(s) and spent fuel were to be abandoned in place then that is an entirely different scenario.

If you have any available official studies that I can read on these issues I would appreciate receiving copies or web addresses where I can download them.

Thank you for taking the time to address these questions.

Sincerely,

Albert Nunez
202-270-5000

On Wed, Dec 1, 2010 at 4:15 PM, Dent, Kimberly <Kimberly.Dent@nrc.gov> wrote:

ADAMS Accession No.: ML102861867

TO: Greg Gibson

FROM: Robert G. Schaaf

DATE: November 24, 2010

SUBJECT: STATUS OF THE ENVIRONMENTAL REVIEW FOR CALVERT CLIFFS NUCLEAR POWER PLANT, UNIT 3, COMBINED LICENSE APPLICATION

You may also access this document in NRC's Agencywide Documents Access and Management System (ADAMS) using the accession number listed in this e-mail at: <http://www.nrc.gov/reading-rm/adams/adams-public.html>

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Albert Nunez, C.E.M.
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Hearing Identifier: CalvertCliffs_Unit3Cola_Public_EX
Email Number: 1585

Mail Envelope Properties (19D990B45D535548840D1118C451C74D7A494104A1)

Subject: RE: Status of the Environmental Review for Calvert Cliffs Nuclear Power Plant,
Unit 3, Combined License Application
Sent Date: 12/6/2010 3:45:02 PM
Received Date: 12/6/2010 3:45:05 PM
From: Quinn, Laura

Created By: Laura.Quinn@nrc.gov

Recipients:
"CCNPP3COL Resource" <CCNPP3COL.Resource@nrc.gov>
Tracking Status: None
"Albert Nunez" <Albert.Nunez@CapitalSunGroup.com>
Tracking Status: None

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MESSAGE	4926	12/6/2010 3:45:05 PM

Options
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