PMNorthAnna3COLPEmails Resource

From: Laura Quinn
Sent: Thursday, May 22, 2008 2:15 PM
To: Daniel Mussatti
Cc: williamson.alicia@gmail.com; Alicia Williamson
Subject: FW: 2 additions to the Socio questions

Please note there have been some changes to questions under Socio. Please review and if you have any heartburn with them please see Alicia on Tues upon her return.
Thanks
Laura

From: Laura Quinn
Sent: Thursday, May 22, 2008 1:44 PM
To: 'Tony.Banks@dom.com'; 'williamson.alicia@gmail.com'; 'Sandusky, William F III'
Cc: lance.vail@pnl.gov; Christopher Cook
Subject: FW: 2 additions to the Socio questions

Sorry corrections are both in blue.

From: Laura Quinn
Sent: Thursday, May 22, 2008 1:42 PM
To: 'Tony.Banks@dom.com'; 'williamson.alicia@gmail.com'; 'Sandusky, William F III'
Cc: lance.vail@pnl.gov; Christopher Cook
Subject: 2 additions to the Socio questions

We have 2 new questions from Mike Scott they listed below in blue Also there was a typo in the first list sent that cover hydro and other areas. The typo is corrected below in red. Please use these revised questions for this afternoon
Thanks

Chapter 2.5 Socioeconomic: Indicates no new and significant information has been identified. The following issues need to be address as verify that conclusion.

- More recent data indicates the estimated population in the area will be greater than estimated in conjunction with the ESP application. With this new data, provide a bases on how this does not alter the original ESP conclusion.
- Information regarding unemployment and workforce trends still appears to be based on 1990 and 2000 census. What new information did Dominion review since the ESP? If none, why not? If so, what did Dominion find and what is the basis for concluding the new information is not significant?
- A commitment made at the ESP stage was to develop a traffic management plan. If one doesn't exist or is in preparation, when does Dominion anticipated developing one and will that be done in concert with studies or plans from the Virginia Department of Transportation.
- What new information is available regarding updated boat use on Lake Anna? And does this alter the conclusions reached in the ESP?
- It appears that updated data for water/sewer use for Orange County was not considered. What was the bases Dominion used to reach the conclusion of no significant impact to the conclusion reached in the ESP, regarding the new/updated information for the Orange County water/sewer system

- What new information is available since the ESP on housing stock, housing vacancies, and housing rental rates in Louisa, Orange, and Spotsylvania counties since the ESP? Discuss how this information does or does not affect any conclusions reached in the ESP?
- Describe any efforts that have been made to collect traffic counts, level of service data, and attempts made to determine whether construction traffic may exceed the existing capacity of the main commuting routes into the North Anna site. The routes in question are U.S. Highway 33 and 528 and state routes 22, 208, 606, 618, 652, and 700. Discuss how this information would or would not affect any conclusions reached in the ESP.

· Chapter 4.4 Socioeconomic Impacts During Construction

  - o Is the information regarding population growth in the surrounding region that was cited for the ESP still consistent with current figures? And if not, what effect does the change have on the ESP conclusion?"

  - o While the estimated number of construction workers will be less than estimated for ESP, how does that scale the estimated number for operational workers, reduced number of vehicles on roads, property tax revenues, and available housing units and what is the basis for that scaling? Does that change the ESP findings regarding both adverse and beneficial impact and the basis for that determination?

  - o With half of the number of construction workers anticipated compared to the ESP estimate, what if any impact does that have on previously estimated impact on potential housing availability, availability of potable water and waste disposal capability, and need for additional fire/police/medical services and educational facilities?

· Chapter 5.8 Socioeconomic Impacts During Operation

  - o What is the information source for, and bases, as to why the population around Lake Anna and the number of anglers? How has that changed since the time of the ESP evaluation?

  - o With the reduced number of operational workers at NAPS with Unit 3, how does this alter any plans for construction of new elementary school

1. Provide electronic copies of input and output files for XOQDOQ runs for North Anna Unit 3. –Meteorology

2. Provide updated information on the land area that would be temporarily disturbed in conjunction with North Anna Unit 3 construction activities. –Land Use

3. Provide quarterly area TLD data for years 2002-2007 for monitoring location #6 (west protected area fence TLD # 9906. Rad Protection

4. Provide a map with construction boundaries (including laydowns) and survey area on a USGS 7.5 minute map. –All

5. For an alternative coal fired plant, provide information normalized to 1500 MWe for annual coal consumption, quantities of solid waste products (ash and sludge) generated annually, percentage of solid waste products that can likely be recycled and for what uses, landfill acres needed to dispose of solid waste products over the life of the plant, annual emissions of mercury, annual emissions of PM10 and PM2.5, and annual consumption of limestone used for control of air emissions. – Alternatives

6. For an alternative natural gas fired plant, provide information normalized to 1500 MWe for annual emissions of PM10 and PM2.5, and distance to the nearest gas pipeline from the NAPS. –Alternatives

Info needing additional review time.

Provide a list of the reviewers and their respective qualifications as cultural resource subject matter experts that participated in the "new and significant" evaluation process for preparing the cultural resource sections of the Unit 3 ER.

Provide calculations and spreadsheets (Water Budget Model) to support the finding that the Unit 3 CIRC and SWS cooling tower designs will result in approximately the same frequency for reduced North Anna Dam flows (i.e., releases of 20 and 40 cfs) as the ESP cooling towers.

Provide the water quality sampling data collected (and supporting metadata, including date and time of the sample collection) as part of the monthly water-quality baseline sampling program as it relates to recent sampling associated with preparation for the VPDES permit for Unit 3.

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From: Laura Quinn

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Recipients:
"williamson.alicia@gmail.com" <williamson.alicia@gmail.com>
Tracking Status: None
"Alicia Williamson" <Alicia.Williamson@nrc.gov>
Tracking Status: None
"Daniel Mussatti" <Daniel.Mussatti@nrc.gov>
Tracking Status: None

Post Office:

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