



Tennessee Valley Authority, 1101 Market Street, LP 5A, Chattanooga, Tennessee 37402-2801

August 5, 2008

10 CFR 52.80

Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

In the Matter of)
Tennessee Valley Authority)

Docket Numbers 52-014 and 52-015

**BELLEFONTE COMBINED LICENSE APPLICATION – RESPONSE TO
ENVIRONMENTAL REPORT REQUEST FOR ADDITIONAL INFORMATION –
RESOLVED INFORMATION NEEDS**

Reference: Letter from Mallecia Hood (NRC) to Ashok S. Bhatnaker (TVA), Request for Additional Information Regarding the Environmental Review of the Combined License Application for Bellefonte Nuclear Plant, Units 3 and 4, dated July 11, 2008. [ML081840493].

This letter provides the Tennessee Valley Authority's (TVA) response to five of the Nuclear Regulatory Commission's (NRC) request for additional information (RAI) items included in the reference letter.

Subsequent to issuance of the reference RAI letter, the NRC reviewers determined that five of the requests included in that letter were resolved to the reviewers' satisfaction by information provided in response to NRC information needs in previous TVA correspondence. The enclosure to this letter provides a reference to the TVA correspondence that responded to each of these information needs.

If you should have any questions, please contact Thomas Spink at 1101 Market Street, LP5A, Chattanooga, Tennessee 37402-2801, by telephone at (423) 751-7062, or via email at tespink@tva.gov.

D085
NRC

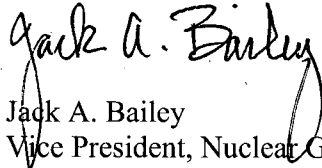
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I declare under penalty of perjury that the foregoing is true and correct.

Executed on this 5th day of AUG, 2008.

A handwritten signature in black ink that reads "Jack A. Bailey". The signature is written in a cursive style with a large, looping initial "J".

Jack A. Bailey

Vice President, Nuclear Generation Development
Nuclear Generation Development & Construction

Enclosure:

Response to Environmental Report Requests for Additional Information – Resolved
Information Needs

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cc (Enclosure):

M. A. Hood, NRC/HQ

cc (w/o Enclosure):

S.P. Frantz, Morgan Lewis
M.W. Gettler, FPL
R.C. Grumbir, NuStart
P.S. Hastings, NuStart
P. Hinnenkamp, Entergy
R.H. Kitchen, PGN
M.C. Kray, NuStart
A.M. Monroe, SCE&G
C.R. Pierce, SNC
L. Reyes, NRC/RII
R.F. Smith-Kevern, DOE/HQ
G.A. Zinke, NuStart

ENCLOSURE
RESPONSE TO ENVIRONMENTAL REPORT REQUEST FOR ADDITIONAL INFORMATION
RESOLVED INFORMATION NEEDS

**RESPONSE TO ENVIRONMENTAL REPORT
REQUEST FOR ADDITIONAL
INFORMATION**

RESOLVED INFORMATION NEEDS

TVA Letter Dated: August 05, 2008

Responses to Environmental Report Information Needs – Resolved Information Needs

This enclosure provides the status of the five requests for additional information (RAI) that were confirmed to be resolved to the reviewers' satisfaction by information provided in response to NRC information needs in previous TVA correspondence. This enclosure also provides the BLN responses to document TVA's response to each of these five requests.

Status of Requests for Additional Information Confirmed to be Resolved by Previous Responses

<u>RAI Number</u>	<u>Date of TVA Response</u>
• 2.5.2-4	This letter – see following pages. Response provided by Reference 1.
• 2.5.2-7	This letter – see following pages. Response provided by Reference 1.
• 4.4.2-6	This letter – see following pages. Response provided by Reference 1.
• 5.8.1-2	This letter – see following pages. Response provided by Reference 1.
• 8.2.2-1	This letter – see following pages. Response provided by Reference 2.

References:

1. Letter from Andrea L. Sterdis (TVA) to NRC Document Control Desk, "Response to NRC Information Needs Related to Socioeconomics/Environmental Justice," dated July 3, 2008 [ML081900451].
2. Letter from Andrea L. Sterdis (TVA) to NRC Document Control Desk, "Changes to Environmental Report Chapter 8 – Need for Power," dated May 30, 2008 [ML081550238].

TVA Letter Dated: August 05, 2008

Responses to Environmental Report Information Needs – Resolved Information Needs

NRC Review of the BLN Environmental Report

NRC Environmental Category: SOCIOECONOMICS/ENVIRONMENTAL JUSTICE

NRC RAI NUMBER: 2.5.2-4

Provide additional detail to characterize the transportation network linking the population centers in the project region to the project site in ER Sections 2.5.2.2.2 and 2.5.2.2.3. Include level of service designations in this characterization and description of Jackson County roads 33 and 113 and Bellefonte Road.

BLN RESPONSE:

The information requested by this RAI is the same as that provided by TVA in response to NRC Information Need SE-24. The response to this information need was provided by the July 3, 2008, TVA letter that responded to the information needs related to Socioeconomics/Environmental Justice (Reference 1). As noted in the NRC's meeting summary for the July 14, 2008, telephone conference call (Reference 2), the NRC reviewers have found the TVA response satisfactory. Therefore, it is TVA's understanding that no additional information is required in response to this RAI.

This response is PLANT-SPECIFIC.

References:

1. Letter from Andrea L. Sterdis (TVA) to NRC Document Control Desk, "Response to NRC Information Needs Related to Socioeconomics/Environmental Justice," dated July 3, 2008 [ML081900451].
2. NRC Communication Summary, "Summary of Telecommunication with Tennessee Valley Authority to Discuss Clarification on Request for Additional Information (RAI) for Bellefonte Units 3 and 4." Contact: Mallecia Hood (DSER/NRO), dated July 28, 2008 [ML082070062].

ASSOCIATED BLN COL APPLICATION TEXT CHANGES:

None.

ATTACHMENTS:

None.

TVA Letter Dated: August 05, 2008

Responses to Environmental Report Information Needs – Resolved Information Needs

NRC Review of the BLN Environmental Report

NRC Environmental Category: SOCIOECONOMICS/ENVIRONMENTAL JUSTICE

NRC RAI NUMBER: 2.5.2-7

Discuss the status of the housing stock in the vicinity of the project since the 2000 Census, including other substantial development projects and expansions.

BLN RESPONSE:

The information requested by this RAI is the same as that provided by TVA in response to NRC Information Need SE-18. The response to this information need was provided by the July 3, 2008, TVA letter that responded to the information needs related to Socioeconomics/Environmental Justice (Reference 1). As noted in the NRC's meeting summary for the July 14, 2008, telephone conference call (Reference 2), the NRC reviewers have found the TVA response satisfactory. Therefore, it is TVA's understanding that no additional information is required in response to this RAI.

This response is PLANT-SPECIFIC.

References:

1. Letter from Andrea L. Sterdis (TVA) to NRC Document Control Desk, "Response to NRC Information Needs Related to Socioeconomics/Environmental Justice," dated July 3, 2008 [ML081900451].
2. NRC Communication Summary, "Summary of Telecommunication with Tennessee Valley Authority to Discuss Clarification on Request for Additional Information (RAI) for Bellefonte Units 3 and 4." Contact: Mallecia Hood (DSER/NRO), dated July 28, 2008 [ML082070062].

ASSOCIATED BLN COL APPLICATION TEXT CHANGES:

None.

ATTACHMENTS:

None.

TVA Letter Dated: August 05, 2008

Responses to Environmental Report Information Needs – Resolved Information Needs

NRC Review of the BLN Environmental Report

NRC Environmental Category: SOCIOECONOMICS/ENVIRONMENTAL JUSTICE

NRC RAI NUMBER: 4.4.2-6

Describe the consequences of a deficit in housing, and describe appropriate associated mitigation measures. (ER Section 4.4.2.4)

BLN RESPONSE:

The information requested by this RAI is the same as that provided by TVA in response to NRC Information Need SE-38. The response to this information need was provided by the July 3, 2008, TVA letter that responded to the information needs related to Socioeconomics/Environmental Justice (Reference 1). As noted in the NRC's meeting summary for the July 14, 2008, telephone conference call (Reference 2), the NRC reviewers have found the TVA response satisfactory. Therefore, it is TVA's understanding that no additional information is required in response to this RAI.

This response is PLANT-SPECIFIC.

References:

1. Letter from Andrea L. Sterdis (TVA) to NRC Document Control Desk, "Response to NRC Information Needs Related to Socioeconomics/Environmental Justice," dated July 3, 2008 [ML081900451].
2. NRC Communication Summary, "Summary of Telecommunication with Tennessee Valley Authority to Discuss Clarification on Request for Additional Information (RAI) for Bellefonte Units 3 and 4." Contact: Mallecia Hood (DSER/NRO), dated July 28, 2008 [ML082070062].

ASSOCIATED BLN COL APPLICATION TEXT CHANGES:

None.

ATTACHMENTS:

None.

TVA Letter Dated: August 05, 2008

Responses to Environmental Report Information Needs – Resolved Information Needs

NRC Review of the BLN Environmental Report

NRC Environmental Category: SOCIOECONOMICS/ENVIRONMENTAL JUSTICE

NRC RAI NUMBER: 5.8.1-2

Include a more detailed description of the plumes and their aesthetic impacts. (ER Section 5.8.1.3).

BLN RESPONSE:

The information requested by this RAI is the same as that provided by TVA in response to NRC Information Need SE-25. The response to this information need was provided by the July 3, 2008, TVA letter that responded to the information needs related to Socioeconomics/Environmental Justice (Reference 1). As noted in the NRC's meeting summary for the July 14, 2008, telephone conference call (Reference 2), the NRC reviewers have found the TVA response satisfactory. Therefore, it is TVA's understanding that no additional information is required in response to this RAI.

This response is PLANT-SPECIFIC.

References:

1. Letter from Andrea L. Sterdis (TVA) to NRC Document Control Desk, "Response to NRC Information Needs Related to Socioeconomics/Environmental Justice," dated July 3, 2008 [ML081900451].
2. NRC Communication Summary, "Summary of Telecommunication with Tennessee Valley Authority to Discuss Clarification on Request for Additional Information (RAI) for Bellefonte Units 3 and 4." Contact: Mallecia Hood (DSER/NRO), dated July 28, 2008 [ML082070062].

ASSOCIATED BLN COL APPLICATION TEXT CHANGES:

None.

ATTACHMENTS:

None.

TVA Letter Dated: August 05, 2008

Responses to Environmental Report Information Needs – Resolved Information Needs

NRC Review of the BLN Environmental Report

NRC Environmental Category: NEED FOR POWER AND COST BENEFIT

NRC RAI NUMBER: 8.2.2-1

Provide the updated Need for Power assessment incorporating Watts Bar II.

BLN RESPONSE:

The information requested by this RAI is the same as that presented in the May 30, 2008, TVA letter that provided changes to the Need for Power evaluation in Chapter 8 of the Applicant's Environmental Report (Reference 1). The changes identified in this letter were identified by TVA staff during post-submittal reviews of the BLN combined license application (COLA). As noted in the NRC's meeting summary for the July 14, 2008, telephone conference call (Reference 2), the NRC reviewers have found the TVA Need for Power changes satisfactory. Therefore, it is TVA's understanding that no additional information is required in response to this RAI.

This response is PLANT-SPECIFIC.

References:

1. Letter from Andrea L. Sterdis (TVA) to NRC Document Control Desk, "Changes to Environmental Report Chapter 8 – Need for Power," dated May 30, 2008 [ML081550238].
2. NRC Communication Summary, "Summary of Telecommunication with Tennessee Valley Authority to Discuss Clarification on Request for Additional Information (RAI) for Bellefonte Units 3 and 4." Contact: Mallecia Hood (DSER/NRO), dated July 28, 2008 [ML082070062].

ASSOCIATED BLN COL APPLICATION TEXT CHANGES:

None.

ATTACHMENTS:

None.