



Bryan J. Dolan
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Bryan.Dolan@duke-energy.com

March 17, 2011

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555-0001

Subject: Duke Energy Carolinas, LLC
William States Lee III Nuclear Station - Docket Nos. 52-018 and 52-019
AP1000 Combined License Application for the
William States Lee III Nuclear Station Units 1 and 2
Supplemental Response to Requests for Additional Information
(ER RAIs 70 and 189)
Ltr# WLG2011.03-08

References: Letter from J.M. Muir (NRC) to B.J. Dolan (Duke Energy), Request for
Additional Information Regarding the Environmental Review of the
Combined License Application for William States Lee Nuclear Station
Units 1 and 2, dated August 21, 2008 (ML082200509)

Letter from Sarah Lopas (NRC) to Bryan Dolan (Duke Energy), Request
for Additional Information Regarding the Supplement to the Environmental
Report for the William States Lee III Nuclear Station, Units 1 and 2.
Combined License Application, dated June 22, 2010 (ML101370398)

This letter provides supplemental information for Duke Energy's response to the
Nuclear Regulatory Commission's request for additional information (RAI) included in
the referenced letters.

RAI 70 Supplement, Terrestrial Ecology
RAI 189 Supplement, Site Layout and Plant Description

The response to the NRC information requests described in the referenced letters are
addressed in a separate enclosure, which also identifies associated changes to the
Combined License Application for the Lee Nuclear Station, when appropriate.



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March 17, 2011

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If you have any questions or need any additional information, please contact Peter S. Hastings, Nuclear Plant Development Licensing Manager, at 980-373-7820.

Sincerely,

A handwritten signature in cursive script, appearing to read "Bryan J. Dolan".

Bryan J. Dolan

Vice President

Nuclear Plant Development

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Enclosure:

- 1) Response to ER RAI 70 Supplement, Terrestrial Ecology, and ER RAI 189 Supplement, Site Layout and Plant Description

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xc (w/o enclosure):

Loren Plisco, Deputy Regional Administrator, Region II
Allen Fetter, Acting Branch Chief of Reactor Projects Branch 3

xc (w/ enclosure):

Sarah Lopas, Senior Project Manager, DSER
Terri Miley, PNNL

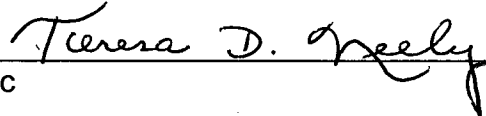
AFFIDAVIT OF BRYAN J. DOLAN

Bryan J. Dolan, being duly sworn, states that he is Vice President, Nuclear Plant Development, Duke Energy Carolinas, LLC, that he is authorized on the part of said Company to sign and file with the U. S. Nuclear Regulatory Commission this supplement to the combined license application for the William States Lee III Nuclear Station and that all the matter and facts set forth herein are true and correct to the best of his knowledge.



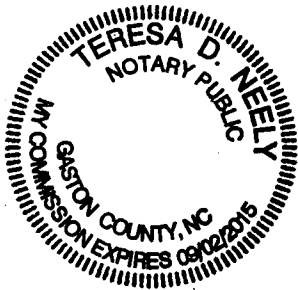
Bryan J. Dolan

Subscribed and sworn to me on March 17, 2011



Notary Public

SEAL



Lee Nuclear Station Response to Request for Additional Information (RAI)

RAI Letter(s) Dated: August 21, 2008 and June 22, 2010

Reference NRC RAI Number(s): ER RAI 70 Supplement, Terrestrial Ecology, and ER RAI 189 Supplement, Site Layout and Plant Description

NRC RAI:

ER RAI 70: Provide GIS layers of all components of the construction footprint onsite.

ER RAI 189: Provide geo-referenced (GIS) data and legible graphics for the Lee Nuclear Station site and vicinity that has changed since the May 2008 GIS data submittal. Include metadata (source, scale, capture date, processing methods, data quality, etc.), and any layers that were used to revise or develop figures for ER Rev. 1 and the Supplement to the ER.

Subsequent to Duke Energy's responses to these RAIs, the NRC Staff requested clarification on February 22, 2011, in the form of additional GIS data.

Duke Energy Response:

The attached CD (Attachment 70/189S-01) provides additional GIS data to supplement the previous responses to NRC ER RAIs 70 and 189. Metadata developed in accordance with Federal Geographic Data Committee (FGDC) standards is associated with these files. The following shapefiles are provided on the CD:

- `trans_line_to_pond_C.shp` - Depicts the centerline of the proposed 44-kV transmission line providing power to the intake pumps for Make-Up Pond C.
- `trans_line_to_pond_C_50ft_Buffer.shp` - Depicts the proposed 100 foot right-of-way associated with the 44-kV transmission line providing power to the intake pumps for Make-Up Pond C.
- `Pond_C_North_Transmission_Line_reroute_vegcov.shp` - Depicts the ecological cover type and vegetation outside of the study area for Make-Up Pond C that is within the proposed 100 foot right-of-way for the 44-kV transmission line that will be relocated due to the construction of Make-Up Pond C.
- `Corridor_K.shp` - Depicts the 1,500 foot corridor for Route K of the fold-in transmission lines.
- `Corridor_O.shp` - Depicts the 1,500 foot corridor for Route O of the fold-in transmission lines.
- `K_ROW.shp` - Depicts the currently proposed right-of-way associated with the 230-kV and 525-kV transmission lines within the corridor for Route K.
- `O_ROW.shp` - Depicts the currently proposed right-of-way associated with the 230-kV and 525-kV transmission lines within the corridor for Route O.
- `Spillway_Pond_C.shp` - Depicts the spillway associated with Make-Up Pond C.
- `Spillway_Pond_C_50ft_Buffer.shp` - Depicts the 50 foot buffer to the Make-Up Pond C spillway used to calculate construction impacts.

Associated Revisions to the Lee Nuclear Station Combined License Application:

None

Attachment:

Attachment 70/189S-01 William States Lee III Nuclear Station Units 1 and 2, Environmental Report, Supplemental GIS Files, March 2011 (CD)