

August 9, 2007

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

SUBJECT: NuStart/Entergy (Grand Gulf) COL Application Project – Supplemental Response to RIS 2007-08

- REFERENCES:
1. NRC Regulatory Issue Summary 2007-08, *Updated Licensing Submittal Information to Support the Design-Centered Licensing Review Approach*; dated April 16, 2007
  2. NuStart/Entergy (Grand Gulf) COL Application Project –Response to RIS 2007-08, CNRO 2007-00025, dated May 31, 2007
  3. Letter from Dominion Energy, Inc., to the NRC, *Dominion (North Anna), NuStart (Grand Gulf), and Entergy (River Bend) COL Application Projects – NRC Project Nos. 741, 744, & 745 Identification of ESBWR R-COL Applicant*, dated August 8, 2007

On April 16, 2007, the U.S. Nuclear Regulatory Commission (NRC) published Regulatory Issue Summary 2007-08, “Updated Licensing Submittal Information to Support the Design-Centered Licensing Review Approach.” The RIS seeks voluntary information regarding the scheduling of early site permit (ESP), combined operating license (COL), and design certification (DC) application submissions, and the extent to which those submittals support the NRC’s design-centered review approach.

NuStart Energy Development, LLC (NuStart) is a consortium of companies established to investigate the design, certification and licensing of advanced nuclear power reactors. The companies involved in this joint effort include Exelon Corporation, Entergy Nuclear, Constellation Energy Group, Duke Energy, Electricité de France International North America, FPL Group, Progress Energy, SCANA Corporation, Southern Company, Tennessee Valley Authority, GE Energy, and Westinghouse Electric. NuStart is preparing a Combined Operating License Application (COLA) for the Grand Gulf (GGNS) site. Entergy (or subsidiaries thereof) will be the applicant.

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NRO

As committed in Reference 2, NuStart is providing this supplemental response as the agent for the applicant. The information that follows provides supplemental responses to the NRC information requests. Only the revised responses are provided; the question numbering is consistent with the initial response in Reference 2.

**2. Which applicant referencing the design will be designated as the R-COL applicant?**

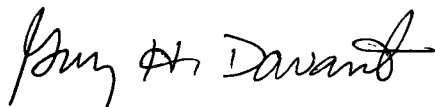
Response: As noted in a letter from Dominion Energy, Inc. to the NRC dated August 8, 2007 (Reference 3), the North Anna ESBWR COLA has been named as the reference COL applicant.

**3. a) When (month and year) will each of the COL applications be submitted for review?**

Response: NuStart/Entergy intends to submit the COLA for GGNS no later than February 2008. After further consideration and evaluation, Entergy has determined, and NuStart has concurred, as the non-reference COLA that this new date of February 2008 better fits Entergy's business needs and overall new plant development project schedule. NuStart continues to fully endorse and support the industry's efforts in developing and submitting highly standardized ESBWR COLAs for North Anna and GGNS. In fact, NuStart and Entergy continue to proceed ahead with developing the generic sections of the GGNS ESBWR COLA on a schedule that fully supports the requirements of the North Anna project.

If you have any questions regarding this response, please contact me at (601) 368-5381 ([gzinke@entergy.com](mailto:gzinke@entergy.com)).

Sincerely,



Guy H. Davant

for George A. Zinke  
NuStart Licensing Lead

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