



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

September 2, 2008

10 CFR 52.79

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

In the Matter of)
Tennessee Valley Authority)

Docket No. 52-014 and 52-015

BELLEFONTE COMBINED LICENSE APPLICATION – RESPONSE TO REQUEST FOR
ADDITIONAL INFORMATION – LIGHT LOAD HANDLING SYSTEM (REALTED TO
REFUELING)

Reference: Letter from Brian C. Anderson (NRC) to Andrea L. Sterdis (TVA), Request for
Additional Information Letter No. 084 Related to SRP Section 09.01.04 for the
Bellefonte Units 3 and 4 Combined License Application, dated July 21, 2008

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

A response to the NRC request in the subject letter is addressed in the enclosure which does not
identify any associated changes to be made in a future revision of the BLN application.

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

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

Executed on this 2nd day of Sep, 2008.


Andrea L. Sterdis
Manager, New Nuclear Licensing and Industry Affairs
Nuclear Generation Development & Construction

D085
MRO

Enclosure
TVA letter dated September 2, 2008
RAI Response

cc: (w/Enclosures)

B. Anderson, NRC/HQ
E. Cummins, Westinghouse
S. P. Frantz, Morgan Lewis
M. W. Gettler, FP&L
R. C. Grumbir, NuStart
P. S. Hastings, NuStart
P. Hinnenkamp, Entergy
M. C. Kray, NuStart
D. Lindgren, Westinghouse
G. D. Miller, PG&N
M. C. Nolan, Duke Energy
N. T. Simms, Duke Energy
T. Simms, NRC/HQ
G. A. Zinke, NuStart

cc: (w/o Enclosure)

B. Anderson, NRC/HQ
M. M. Comar, NRC/HQ
B. Hughes, NRC/HQ
R. G. Joshi, NRC/HQ
R. H. Kitchen, PGN
M. C. Kray, NuStart
A. M. Monroe, SCE&
C. R. Pierce, SNC
R. Register, DOE/PM
L. Reyes, NRC/RII
J. M. Sebrosky, NRC/HQ

Enclosure
TVA letter dated September 2, 2008
RAI Response

Response to NRC Request for Additional Information letter No. 084 dated July 21, 2008
(2 pages, including this list)

Subject: Light Load Handling System in the Final Safety Analysis Report

<u>RAI Number</u>	<u>Date of TVA Response</u>
09.01.04-01	This letter – see following page

<u>Associated Additional Attachments / Enclosures</u>	<u>Pages Included</u>
None	

Enclosure
TVA letter dated September 2, 2008
RAI Response

NRC Letter Dated: July 21, 2008

NRC Review of Final Safety Analysis Report

NRC RAI NUMBER: 09.01.04-1

RAI-9.1.4-SBPB-01 AP1000 DCD Revision 16 Section 9.1.6.5, "Inservice Inspection Light Load Handling System," states that the COL applicant is responsible for a program for inservice inspection of the light load handling system as specified in Section 9.1.4.4 of the DCD Revision 16. This is identified as COL Information Item 9.1-5. In Section 9.1.4.4 of the Bellefonte COLA, the applicant has responded to this COL information item by stating "STD COL 9.1-5 The above requirements are part of the plant inspection program for the light load handling system, which is implemented through procedures. In addition to the above inspections, the procedures reflect the manufacturer's recommendations for inspection." Please verify that these procedures are established as stated in the COL information item (in the DCD Revision 16) and STD COL 9.1-5 (in the COLA) and are currently available for NRC inspection or provide the schedule in relation to fuel loading for issuance of the procedures and describe how this action will be tracked to ensure completion of the COL information item.

BLN RAI ID: 0921

BLN RESPONSE:

An inspection and testing program will be developed to address the light load handling system. Procedures defining the program will address the testing and inspection requirements outlined in Subsection 9.1.4.4 of the DCD. The procedures will also include applicable manufacturer's recommendations and industry standards.

Procedure development is tracked by the overall plant construction and test schedule. Details of the implementation milestones for the development of light load handling procedures are not currently available, and are not expected to be available until after a detailed construction schedule has been developed. Appropriate scheduling information will be provided, when available, to the NRC as necessary to support timely completion of inspection and audit functions.

This response is expected to be STANDARD for the S-COLAs.

ASSOCIATED BLN COL APPLICATION REVISIONS:

No COLA revisions have been identified associated with this response.

ASSOCIATED ATTACHMENTS/ENCLOSURES:

None