



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

April 23, 2009

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 – UPDATE OF NEI 07-09 AND
NEI 07-10 REFERENCES

This letter provides the Tennessee Valley Authority's (TVA) update of the Bellefonte Combined License Application associated with the recent Nuclear Regulatory Commission (NRC) approval of the Nuclear Energy Institute reports NEI 07-09 and NEI 07-10. The approved versions of these documents were submitted to the NRC on March 25, 2009 (ML091050233). Therefore, the BLN COL application will be revised as shown in the Enclosure to reflect these final documents.

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 23rd day of April, 2009.

Andrea L. Sterdis
Manager, New Nuclear Licensing and Industry Affairs
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Enclosure
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Enclosure
TVA letter dated April 23, 2009
RAI Responses

NRC Review of Final Safety Analysis Report

By letter dated March 25, 2009, the Nuclear Energy Institute submitted the NRC approved version of their report NEI 07-09A, Generic FSAR Template Guidance for Offsite Dose Calculation Manual (ODCM) Program Description. The BLN Units 3 and 4 COL application will be revised in a future amendment to incorporate this approved report as shown in the Application Revisions section below.

The changes identified below are expected to be STANDARD for the S-COLAs.

BLN ID: 3315

ASSOCIATED BLN COL APPLICATION REVISIONS:

1. COLA Part 2, FSAR Chapter 11, Subsection 11.5.7, will be revised from:

This section adopts NEI 07-09 (Reference 202), which is currently under review by NRC staff. The ODCM program description contains the methodology and parameters used for calculating doses resulting from liquid and gaseous effluents. The ODCM program description addresses operational setpoints, including planned discharge rates, for radiation monitors and monitoring programs (process and effluent monitoring and environmental monitoring) for the control and assessment of the release of radioactive material to the environment. The ODCM program description provides the limitations on operation of the radwaste systems, including functional capability of monitoring instruments, concentrations of effluents, sampling, analysis, 10 CFR Part 50, Appendix I dose and dose commitments, and reporting. The ODCM program description will be finalized prior to fuel load with site-specific information.

To read:

An Offsite Dose Calculation Manual (ODCM) is developed and implemented in accordance with the recommendations and guidance of NEI 07-09A (Reference 202). The ODCM contains the methodology and parameters used for calculating doses resulting from liquid and gaseous effluents. The ODCM addresses operational setpoints, including planned discharge rates, for radiation monitors and monitoring programs (process and effluent monitoring and environmental monitoring) for the control and assessment of the release of radioactive material to the environment. The ODCM provides the limitations on operation of the radwaste systems, including functional capability of monitoring instruments, concentrations of effluents, sampling, analysis, 10 CFR Part 50, Appendix I dose and dose commitments, and reporting. The ODCM will be finalized prior to fuel load with site-specific information.

2. COLA Part 2, FSAR Chapter 11, Subsection 11.5.8, will be revised from:

202. NEI 07-09, "Generic FSAR Template Guidance for Offsite Dose Calculation Manual (ODCM) Program Description," Revision 1, February 2008.

To read:

202. NEI 07-09A, "Generic FSAR Template Guidance for Offsite Dose Calculation Manual (ODCM) Program Description," Revision 0, March 2009.

ASSOCIATED ATTACHMENTS/ENCLOSURES:

None

Enclosure
TVA letter dated April 23, 2009
RAI Responses

NRC Review of Final Safety Analysis Report

By letter dated March 25, 2009, the Nuclear Energy Institute submitted the NRC approved version of their report NEI 07-10A, Generic FSAR Template Guidance for Process Control Program (PCP). The BLN Units 3 and 4 COL application will be revised in a future amendment to incorporate this approved report as shown in the Application Revisions section below.

The changes identified below are expected to be STANDARD for the S-COLAs.

BLN ID: 3316

ASSOCIATED BLN COL APPLICATION REVISIONS:

1. COLA Part 2, FSAR Chapter 11, Subsection 11.4.6, will be revised from:

This section adopts NEI 07-10 (Reference 201) which is currently under review by the NRC staff. The Process Control Program (PCP) describes the administrative and operational controls used for the solidification of liquid or wet solid waste and the dewatering of wet solid waste.

To read:

A Process Control Program (PCP) is developed and implemented in accordance with the recommendations and guidance of NEI 07-10A (Reference 201). The PCP describes the administrative and operational controls used for the solidification of liquid or wet solid waste and the dewatering of wet solid waste.

2. COLA Part 2, FSAR Chapter 11, Subsection 11.4.7, will be revised from:

201. NEI 07-10, "Generic FSAR Template Guidance for Process Control Program (PCP) Description," Revision 2, February 2008.

To read:

201. NEI 07-10A, "Generic FSAR Template Guidance for Process Control Program (PCP)," Revision 0, March 2009.

ASSOCIATED ATTACHMENTS/ENCLOSURES:

None