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Richard E. Kingston
Vice President, ESBWR Licensing

P.O. Box 780
3901 Castle Hayne Road, M/C A-65
Wilmington, NC 28402 USA

T 910.819.6192
F 910.362.6192
rick.kingston@ge.com

C 910 547-1003

MFN 10-067

Docket No. 52-010

March 4, 2010

U.S. Nuclear Regulatory Commission
Document Control Desk
Washington, D.C. 20555-0001

Subject: **Transmittal of ESBWR NEDE-33313P Markups Updating the DCD References in the LTR Reference List**

The purpose of this letter is to submit to the staff markups to LTR NEDE-33313P - ESBWR Steam Dryer Structural Evaluation, which are the result of a GEH internal review that found the references to the DCD called out in the list of references required updating.

These minor changes will be incorporated into the next revision of LTR NEDE-33313P.

Please note that, although LTR NEDE-33313P is a GEH proprietary LTR and the header on Enclosure 1 is marked GEH Proprietary Information, the actual LTR page with revisions is not considered GEH Proprietary Information.

If you have any questions or require additional information, please contact me.

Sincerely,

Richard E. Kingston
Vice President, ESBWR Licensing

Enclosure:

1. Document Improvements and Specific Changes to NEDE-33313P - ESBWR Steam Dryer Structural Evaluation

cc: AE Cabbage USNRC (with enclosures)
JG Head GEH/Wilmington (with enclosures)
DH Hinds GEH/Wilmington (with enclosures)
HA Upton GEH/San Jose (with enclosures)
eDRF Section 0000-0114-3360

Enclosure 1

MFN 10-067

Document Improvements and Specific Changes to

NEDE-33313P - ESBWR Steam Dryer Structural Evaluation

11.0 REFERENCES

- [1] NEDE 33312P, "License Topical Report, ESBWR Steam Dryer Acoustic Load Definition".
- [2] American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code, Section II Part D, 2001 Edition, 2003 Addenda.
- [3] 26A6642AK, ~~Rev. 5,~~ "ESBWR Design Control Document", Tier 2, Chapter 3, Sections 3.9-3.11.
- [4] American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code, Section III, 2001 Edition, 2003 Addenda.
- [5] 26A6642AN ~~rev. 5,~~ "ESBWR Design Control Document", Tier 2, Chapter 3, Appendices 3G ~~to~~ 3L.
- [6] ANSYS Release 11.0, ANSYS Incorporated, 2008.
- [7] [GE Hitachi Nuclear Energy, "ESBWR Steam Dryer - Plant Based Load Evaluation Methodology Supplement 1," NEDC-33408P, Supplement 1, Revision 1, Class III \(Proprietary\), August 2009."](#)
- [8] [GEH Letter MFN 09-509 from Richard E. Kingston \(GEH\) to USNRC Document Control Desk, "Response to Portion of NRC RAI Letter No. 220 and 339 Related to ESBWR Design Certification Application – DCD Tier 2 Section 3.9 – Mechanical Systems and Components; RAI Numbers 3.9-213 and 3.9-217 S01," Dated July 31, 2009, Docket Number 52-010.](#)
- [9] [GE Hitachi Nuclear Energy, "ESBWR Steam Dryer – Plant Based Load Evaluation Methodology," NEDC-33408P, Revision 1, Class III \(Proprietary\), July 2009, and NEDO-33408, Revision 1, Class I \(Non-proprietary\), July 2009.](#)
- [10] [Letter, Entergy to USNRC, "Vermont Yankee Nuclear Power Station Report on the Results of Steam Dryer Monitoring," BVY 06-056 \(Docket No. 50-271, TAC No. MC0761\), dated June 30, 2006.](#)
- [11] [0000-0101-0766-P-R0, "Main Steam Line Limit Curve Adjustment During Power Ascension," Class III, April 2009.](#)