



HITACHI

GE Hitachi Nuclear Energy

Proprietary Notice

This letter transmits proprietary information in accordance with 10 CFR 2.390. Upon removal of Enclosure 1, the balance of the letter may be considered non-proprietary.

GE Hitachi Nuclear Energy

Michelle P. Catts
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M240183
August 27, 2024

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U.S. Nuclear Regulatory Commission
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Subject: Marathon and Ultra Control Rod Lifetime Surveillance Update

A little over 17 years ago, Reference 1 provided a report on the surveillance of installed Marathon control rods. Consistent with the annual surveillance program updates provided in References 2 - 17, this letter provides an update to the inspections of Marathon control rods as well as plans for additional examinations and testing. The title of the surveillance program update report has been modified to reflect the surveillance updates for both Marathon-5S and Marathon-Ultra control rods.

Please note that Enclosure 1 contains proprietary information of the type that GE-Hitachi Nuclear Energy Americas LLC (GEH) maintains in confidence and withholds from public disclosure. The information has been handled and classified as proprietary to GEH as indicated in its affidavit, which is also included in the report. The affidavit contained in Enclosure 3 identifies that the information contained in Enclosure 1 has been handled and classified as proprietary to GEH. GEH hereby requests that the information in Enclosure 1 be withheld from public disclosure in accordance with the provisions of 10 CFR 2.390 and 9.17.

Enclosure 1 is the proprietary version of the Marathon and Ultra Control Rod Lifetime Surveillance Update and Enclosure 2 is a non-proprietary version. Enclosure 3 contains the affidavit for the Marathon and Ultra Control Rod Lifetime Surveillance Update.

If you have any questions, please contact Scott Nelson at 910-819-5829 or myself.

Sincerely,

Michelle P. Catts
Senior Vice President, Nuclear Programs

Project No. 710
Docket No. 99902024

References:

1. Letter from Robert E. Brown (GE) to Document Control Desk (NRC), Subject: Marathon Control Rod Assembly Surveillance Program Status, MFN 07-138, February 26, 2007.
2. Letter from James F. Harrison (GEH) to Document Control Desk (NRC), Subject: Marathon Control Rod Assembly Surveillance Program Update, MFN 08-355, April 11, 2008.
3. Letter from James F. Harrison (GEH) to Document Control Desk (NRC), Subject: Marathon Control Rod Assembly Surveillance Program Update and Marathon Control Rod Post-Irradiation Examination (PIE), MFN 09-266, April 29, 2009.
4. Letter from James F. Harrison (GEH) to Document Control Desk (NRC), Subject: Marathon Control Rod Assembly Surveillance Program Update, MFN 10-153, May 14, 2010.
5. Letter from James F. Harrison (GEH) to Document Control Desk (NRC), Subject: Marathon Control Rod Assembly Surveillance Program Update, MFN 11-184, June 16, 2011.
6. Letter from James F. Harrison (GEH) to Document Control Desk (NRC), Subject: Marathon and Ultra Control Rod Assembly Surveillance Program Update, MFN 12-091, July 30, 2012.
7. Letter from James F. Harrison (GEH) to Document Control Desk (NRC), Subject: Marathon and Ultra Control Rod Lifetime Surveillance Update, MFN 13-034, July 9, 2013.
8. Letter from James F. Harrison (GEH) to Document Control Desk (NRC), Subject: Marathon and Ultra Control Rod Lifetime Surveillance Update, MFN 14-050, August 6, 2014.
9. Letter from James F. Harrison (GEH) to Document Control Desk (NRC), Subject: Marathon and Ultra Control Rod Lifetime Surveillance Update, MFN 15-068, August 18, 2015.
10. Letter from James F. Harrison (GEH) to Document Control Desk (NRC), Subject: Marathon and Ultra Control Rod Lifetime Surveillance Update, MFN 16-047, July 14, 2016.
11. Letter from James F. Harrison (GEH) to Document Control Desk (NRC), Subject: Marathon and Ultra Control Rod Lifetime Surveillance Update, M170137, June 1, 2017.
12. Letter from James F. Harrison (GEH) to Document Control Desk (NRC), Subject: Marathon and Ultra Control Rod Lifetime Surveillance Update, M180156, July 25, 2018.
13. Letter from Brian R. Moore (GNF) to Document Control Desk (NRC), Subject: Marathon and Ultra Control Rod Lifetime Surveillance Update, M190136, July 23, 2019.
14. Letter from Brian R. Moore (GNF) to Document Control Desk (NRC), Subject: Marathon and Ultra Control Rod Lifetime Surveillance Update, M200112, August 12, 2020.
15. Letter from Michelle P. Catts (GEH) to Document Control Desk (NRC), Subject: Marathon and Ultra Control Rod Lifetime Surveillance Update, M210093, July 30, 2021.

16. Letter from Michelle P. Catts (GEH) to Document Control Desk (NRC), Subject: Marathon and Ultra Control Rod Lifetime Surveillance Update, M220102, July 28, 2022.
17. Letter from Michelle P. Catts (GEH) to Document Control Desk (NRC), Subject: Marathon and Ultra Control Rod Lifetime Surveillance Update, M230102, August 4, 2023.

Enclosures:

1. NEDC-33856P, Revision 10, GEH Marathon and Ultra Control Rod Lifetime Surveillance Update - GEH Proprietary Information – Non-Public
2. NEDO-33856, Revision 10, GEH Marathon and Ultra Control Rod Lifetime Surveillance Update – Non-Proprietary Information
3. Affidavit dated August 2024

cc: E Lenning (NRC)
M Catts (GEH Wilmington)
DS Nelson (GEH Wilmington)
PLM Spec 001N8082 R10

Document Components:

- 001 M240183 Cover Letter.pdf
- 002 M240183 Enclosure 1 Proprietary.pdf
- 003 M240183 Enclosure 2 Non-Proprietary.pdf
- 004 M240183 Enclosure 3 Affidavit.pdf